Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Section Laws 1941)

Owner: Bowman National Wildlife Refuge

Date of Notice of Appropriation of groundwater: 1/24/36

Date well started: 1/25/36

Type of well: Drilled

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

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

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by 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 Appropriator.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>Stanley A. Armstrong</td>
<td>G 44</td>
<td>236460</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Ed Heman</td>
<td>G 44</td>
<td>236238</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>John Anderson LaRue</td>
<td>G 64</td>
<td>236627</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>R. J. Sturm</td>
<td>G 44</td>
<td>237165</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>James A. Ross</td>
<td>G 44</td>
<td>236740</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Dexter Emmelston</td>
<td>G 44</td>
<td>236351</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Thunder National Wildlife</td>
<td>G 62</td>
<td>255968</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Walter C. Simpson</td>
<td>G 44</td>
<td>236766</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Leslie W. Simpson</td>
<td>G 44</td>
<td>236794</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Kayla Haymaker</td>
<td>G 1962</td>
<td>236527</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Leslie W. Simpson</td>
<td>1962</td>
<td>236527</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>W. C. Pratt, Jr.</td>
<td>G 44</td>
<td>236800</td>
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</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. STANLEY A. ARNOTT, of SA CO STAR ROUTE, (Name & Appropriator)
   (Address) (Town)
   County of PHILLIPS, State of MONTANA
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: APRIL 14, 1948, CONTINUOUS SINCE

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 35 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: NONE

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: APRIL 13, 1945, APRIL 14, 1945

8. The depth of water table: 28 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: well, depth 118 feet, pipe of casing 48 lb.

10. The estimated amount of groundwater withdrawn each year: 14,000 GAL.

11. The log of formations encountered in the drilling of each well if available: 0-90 Sandy brown clay, 90-116 Blue clay, 116-128 Sand gravel.

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

Signature of Owner: STANLEY A. ARNOTT
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 Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Ed Peterson
Address: 5200

Driller: Carl Palm
Address: 

Date of Notice of Appropriation of Groundwater: 
Date well started: 10/25/62
Date Completed: 10/26/62

Type of well: Drilled
Equipment Used: Churn
Other: 

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

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

<table>
<thead>
<tr>
<th>Date of Drilled</th>
<th>Static Water Level feet</th>
<th>Shut-in Pressure for Flowing Well</th>
</tr>
</thead>
<tbody>
<tr>
<td>11/20/62</td>
<td>20</td>
<td></td>
</tr>
</tbody>
</table>

Pumping Water Level: 30 feet at 9 gal. per minute.
Discharge in gal. per min. of flowing well: 

How Tested: Backing
Length of Test: 3 hr.
Remarks: (Gravel packing, cementing, packers, type of strata in 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).

Show exact depth of bottom.

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

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. [Name of Appropriator] (Address) (Town)

County of PHILLIPS State of MONTANA

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

2. The beneficial use on which the claim is based

1 & 2 - Domestic

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

A. CONTINUOUS

4. The amount of groundwater claimed (in minor'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 or the general specifications of any other works for 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: [Name of Appropriator]
Date: Dec. 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

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

R.J. & Laura Simanton, of Montana, Malta
(Name of Appropriator) (Address) (Town)

County of Phillips, State of Montana

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

1. The beneficial use to which the claim is based. Life thru use of drinking water, stock well irrigate trees & garden.

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

3. The amount of groundwater claimed (in feet, inches or gallons per minute). 20 gal 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

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric jet pump

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

7. The depth of water table. 50 feet

8. The estimated amount of groundwater withdrawn each year. 300,000 gal

9. The log of formations encountered in the drilling of each well if available. On file

10. Such other information of a similar nature as may be useful in carrying out the policy of this act. R.G. Simpson-driller

Signature of Owner. /s/ R.J. Simanton Jr.

Date. Dec. 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.
May 16th 87
2:37 PM

Phillips Co.

Filed 12-31-63.

at 11:55 a.m.

Fee $ 2.00.

R. A. Maloney

Clerk & Recorder.
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>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
<th>State</th>
<th>County</th>
</tr>
</thead>
<tbody>
<tr>
<td>James A. Perrone</td>
<td></td>
<td></td>
<td></td>
<td>Phillips</td>
</tr>
</tbody>
</table>

Montana State in effect prior to January 1, 1962

1. The beneficial use on which the claim is based: Household Use, Watering Livestock, & Shelter-belt Irrig.

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: Continuous Use Since May 1, 1945.

3. The amount of groundwater claimed (in acre-feet of gallons per minute): 40 Gal. Per Minute.

4. If used for irrigation, give the acreage and description of the lands to which water has been applied and names of the owner thereof: 1 Acres SW 1/4 Sec. 21 Township 31 Range 32 (George Burnoher).

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

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Started April 15, 1945, Completed April 15, 1945.

7. The depth of water table: 78 Fts.

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: Drilled well, 1 inch casing, Depth 125 Fts., 3 horsepower electric submersible pump with 1 inch pipe to a depth of 95 Fts.

9. The estimated amount of groundwater withdrawn each year: 328,500 Gal.

10. The log of formations encountered in the drilling of each well, if available: 0-80 ft. Sandy, brown clay, 80-120 ft. sandy blue clay, 120-138 ft. gravel-sand-water.

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: Dec. 22, 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.
Filed: Dec. 13, 1963
at 10:00 A.M.
Fee $2.00

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

Name of Appropriator ____________________________
Address ____________________________
Town ____________________________
County of _______ State of Montana

I 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: Irrigation

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

Oct. 1, 1932

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

100 gpm

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

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

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

October 1932 - October 1932

8. The depth of water table:

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:

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:

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 ____________ 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

Owner: Bowman National Address: Malta, Montana
Wildlife Refuge

Driller: Simms & Drilling Co. Address: Malta, Montana

Date of Notice of appropriation of ground water 5/11/78

Date well started 5/11/78 Date Completed 5/18/78

Type of well Drilled Churn, drill, rotary or drilled

Equipment used Cable

(dug, driven, bored or other)

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other

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

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

Show exact depth of bottom.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 227, Montana Session Laws)

Owner: John Jones
Address: 123 Main St, Philipsburg, MT

Driller: Johnson Drilling Co.
Address: 456 Elm St, Philipsburg, MT

Date of Notice of Appropriation of groundwater: 08/20/1972

Type of Well: Bore Well

Equipment used: Drilling rig, water pump

Water used: 100 gallons per minute

State Water Surveyor:

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

Show exact depth of bottom.

Est. Annual Withdrawal: 1,000,000 gal.

Show depth at which water is encountered and water-bearing strata.

This form to be prepared by driller and three copies to be filed by the owner with the County Clerk 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 and quadruplicate for appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Walter E. Simpson, of Saco, Phillips County, Montana, have appropriated groundwater according to the Montana law in effect prior to January 1, 1962, as follows:

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

Steak Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Continuous since 1936

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

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

None

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

Natural flow out into creek

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1936

8. The depth of water table: 42 feet deep

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, 6" casing 42 feet deep

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

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

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

Signature of Owner: Walter E. Simpson
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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

FILE NO. 1

STATE OF MONTANA
COUNTY OF

DECLARATION OF VESTED GROUNDWATER RIGHTS

Under Chapter 237, Montana Session Laws, 1961

1. Name of Appropriator: Lucile W. Simpson
   Address: 422 Main St., Miles City, Montana
   Town: Miles City

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: April 1947

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 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:
   GARDNER, 20 ACRES

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: April 1947

8. The depth of water table: 15 ft.

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

10. The estimated amount of groundwater withdrawn each year: 7,776,000

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: Lucile W. Simpson
Date: Dec. 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.
## WATER WELL LOG

**Owner:** Horst Sleymak

**Address:** 5000

**Driller:** Carl Palm

**Address:**

**Date Started:** 11/1/61

**Date Completed:** 11/11/61

**Location:** Sec. 35 T 31 R 32 W, 4 sec. SW NW

### Type of Well

- **Type:** Dug
- **Equipment Used:** Churn

### Water Use

- Domestic
- Municipal
- Stock
- Irrigation

### Industrial

- Drainage

### Water Use

- Domestic
- Municipal
- Stock
- Irrigation

### Casing

- **Depth:** ft. to 79 ft.
- **Type:** HIC. Oil
- **Size:** 6 in.

### Pumping Water Level

- **Depth:** feet
- **Pressure:** lb/sq. in. on:
- **Gal. Per Min.:**

### Remarks

- (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
# WATER WELL LOG

**Owner:** Hazel Sheynak

**Driller:** Carl Palm

**Date Started:** 11/9

**Date Completed:** 11/11/61

**Location:** Sec. 35, T. 31, R. 22, M. SW. 7 N.

---

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>Irrigation</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Casing Type</th>
<th>Casing Length</th>
<th>Casing Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type 1</td>
<td>79 ft.</td>
<td>6 in.</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Type of screen or perforation</th>
</tr>
</thead>
</table>

---

<table>
<thead>
<tr>
<th>Static Water Level, for non-flowing well:</th>
</tr>
</thead>
<tbody>
<tr>
<td>135 feet from top</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 lb. per sq. in. on: (date)</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Pumping water level, M.O.W./down:</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 feet at 10 gal. per min.</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>Test</th>
<th>Flow</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>PUMP</td>
<td>4.15</td>
<td></td>
</tr>
</tbody>
</table>

---

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

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**Graded:** 3.1 N - 325
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 28</td>
<td>Gumbo</td>
</tr>
<tr>
<td>28 - 60</td>
<td>Sandy Clay</td>
</tr>
<tr>
<td>60 - 79</td>
<td>Sand &amp; Gravel &amp; Water</td>
</tr>
</tbody>
</table>
**MONTANA BUREAU OF MINES AND GEOLOGY**  
Butte, Montana

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leslie W. Simpson</td>
<td>Malte, Montana</td>
</tr>
<tr>
<td>Driller</td>
<td>Address</td>
</tr>
<tr>
<td>Robert Simpson</td>
<td></td>
</tr>
</tbody>
</table>

**Date Started:** April 1947  
**Date Completed:** Same day

**Location:** Sec. 35, T. 31 R. 32 1/4 S. NW

<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 drill</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 ft. to 41 ft.</td>
<td>steel pipe</td>
<td>4 1/2 in.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Type of screen or perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static Water level, for non-flowing well:** 39 feet

**Shut-in pressure, for flowing well:** 12 lb/sq. in. on: (date)

**Pumping water level:** feet at 22 gal. per min.

**How tested:** pump

**Length of test:** 8 or 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>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>1</td>
<td>12</td>
</tr>
<tr>
<td>12</td>
<td>40</td>
</tr>
<tr>
<td>40</td>
<td>61</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. W. C. Rowe, of Content Rt., Malta
   (Name of Appropriator) (Address) (Town)

   County of Phillips 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: 1950

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 40 gal

   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: FLOWING WELL

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

   8. The depth of water table: 400

   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: FLOW FROM 6'' PIPE

   10. The estimated amount of groundwater withdrawn each year: 1,500,000

   11. The log of formations encountered in the drilling of each well if available: NO

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

   Signature of Owner: W. C. Rowe
   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.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Bingette A. Benson</td>
<td>G.W.4</td>
<td>236492</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Polling Plant</td>
<td>G.W.4</td>
<td>223035</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Kudonos Corp.</td>
<td>G.W.4</td>
<td>236928</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>George H. Kudonos</td>
<td>G.W.4</td>
<td>234056</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Grand Rock</td>
<td>G.W.2</td>
<td>240003</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Henry C. Kortchel</td>
<td>G.W.4</td>
<td>246600</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Harry C. Kortchel</td>
<td>G.W.4</td>
<td>213941</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Henry C. Kortchel</td>
<td>G.W.4</td>
<td>276194</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Henry C. Kortchel</td>
<td>G.W.4</td>
<td>236158</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Mervin L. Hansen</td>
<td>G.W.4</td>
<td>232268</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Don. F. Mcnamara</td>
<td>G.W.4</td>
<td>236862</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Donald O. Shipn</td>
<td>G.W.4</td>
<td>234021</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>G.W.RP</td>
<td>H</td>
<td>133538</td>
<td></td>
</tr>
</tbody>
</table>
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Everett A. Hanson**  
   (Name of Appropriator)  
   County of **Phillips**  
   State of **Montana**  
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

2. The beneficial use on which the claim is based: **House use**  
   of **House garden lawn watering**

3. Date or approximate date of earliest beneficial use:  
   **1947**

4. The amount of groundwater claimed (in miner’s inches or gallons per minute):  
   **3 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 applicable**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:  
   **Electric meter-driven 4 4/5 hp. pump**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:  
   **1947**

8. The depth of water table:  
   **49' - 74'**

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 sl. casing 75' deep**

10. The estimated amount of groundwater withdrawn each year:  
    **6,000 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:  
    
    **Signature of Owner:**  
    **Everett A. Hanson**  
    
    **Date:**  
    Dec 16, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Pellett Industries

Driller: Cochrane & Cochrane

Date Started: July 16, 1959
Date Completed: July 19, 1959

Location: Sec. 31, T. 11 N., R. 82 W., 4th. P.M., Montana

Type of well: Domestic
Equipment used: Cherrington," 4" (snow shovel, motor, etc.)

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

Casing: Top 6 ft. to 8 ft. Type Steel Pipe Size 6 1/2" L.D.
Casing: 8 ft. to 12 ft. Type ? Size ?
Casing: 12 ft. to 16 ft. Type ? Size ?

Perforated or Screened: 16 ft. to 18 ft. 12 ft. to 20 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: (date)

Length of test: 

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

(over)
**WATER WELL LOG**

**Owner:** Pellegrino  
**Address:**  

**Driller:** Coal Field  
**Address:**  

**Date Started:** 5/24/59  
**Date Completed:** 5/25/59

**Location:** Sec. 1  
**T. 31 N.  
**R. 33 W.**

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use:</td>
<td>Industrial</td>
<td>Drainage</td>
<td>Other:</td>
<td></td>
</tr>
</tbody>
</table>

**Casing:**  

- Type:  
- Size:  
- ft.

**Perforated or Screened:**  

- Ft. to:  
- Ft. to:

**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:**  

- gph  
- m.  
- ft.

**Length of test:**  

- gph  
- ft.

**Remarks:**  

(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0 - 2</td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>5 - 15</td>
<td>Blue Clay</td>
</tr>
<tr>
<td>15 - 25</td>
<td>Sand</td>
</tr>
<tr>
<td>25 - 87</td>
<td>Limestone</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>LIVESTOCK &amp; DWELLINGS</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. The beneficial use on which the claim is based:</td>
</tr>
<tr>
<td>3. Date or approximate date of earliest beneficial use; and how continuously the use has been:</td>
</tr>
<tr>
<td>4. The amount of groundwater claimed (in miner's inches or gallons per minute):</td>
</tr>
<tr>
<td>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:</td>
</tr>
<tr>
<td>6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:</td>
</tr>
<tr>
<td>7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:</td>
</tr>
<tr>
<td>8. The depth of water table:</td>
</tr>
<tr>
<td>9. So far as may be available, the type, size, and depth of each well, or the general specifications of any other works for the withdrawal of groundwater:</td>
</tr>
<tr>
<td>10. The estimated amount of groundwater withdrawn each year:</td>
</tr>
<tr>
<td>11. The log of formations encountered in the drilling of each well if available:</td>
</tr>
<tr>
<td>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:</td>
</tr>
</tbody>
</table>

Signature of Owner: ____________________________
Date: ____________________

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

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

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

State Engineer

1. **George H. Knuoson**, of **Saco**
   
   County of **Phillips**, State of **Mont.**

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

   2. The beneficial use on which the claim is based: **WATER FOR LIVESTOCK**

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): **40 G.P.M.**

   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: **FORCE PUMP**

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

   8. The depth of water table: **40 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: **$600,000**

   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:

   
   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.
Phillips Co.
Filed 12-31-63
at 9:25 A.M.
Fee * 2.10
R. W. Malmey
Clerk of Recorder
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1968**

(Under Chapter 237, Montana Session Laws, 1961)

---

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

**Date well started:** 11/12

**Date completed:** 11/19/66

**Type of well:** Drilled

**Equipment used:** Chisel

**Water use:** Domestic ☐ Municipal ☐ Stock ☑ Irrigation ☐

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Entrance Weight of Cement</th>
<th>From Entrance to Top</th>
<th>To Entrance</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot;</td>
<td>4-5/8 x 20</td>
<td>6.20</td>
<td>4.75</td>
<td></td>
</tr>
</tbody>
</table>

---

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

**Shut-in Pressure for Flowing Well:**

**Pumping Water Level:** 17 feet at 82 gal. per minute.

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

**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.**

---

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

---

Driller's License Number

Driller's Signature

41583
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

George C. Koeshel

(Name of Appropriator)

Address

(Town)

County of Phillips

State of Montana

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

<table>
<thead>
<tr>
<th>W</th>
<th>10</th>
<th>20</th>
<th>30</th>
<th>40</th>
<th>50</th>
<th>60</th>
<th>70</th>
<th>80</th>
<th>90</th>
<th>100</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>10</td>
<td>20</td>
<td>30</td>
<td>40</td>
<td>50</td>
<td>60</td>
<td>70</td>
<td>80</td>
<td>90</td>
<td>100</td>
</tr>
</tbody>
</table>

- **2.** The beneficial use on which the claim is based...
  - Stock and House usage

- **3.** Date or approximate date of earliest beneficial use; and how continuous the use has been...
  - Wall No. 1, continuous since 1953.
  - Wall No. 2, continuous since 1938.

- **4.** The amount of groundwater claimed (in miner’s inches or gallons per minute)...
  - Wall No. 1, 12 gallons per minute.
  - Wall No. 2, 12 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...
  - Wall No. 1, Home.
  - Wall No. 2, Home.

- **6.** The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...
  - Wall No. 1, Pump Motor.
  - Wall No. 2, Pump Motor.

- **7.** The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...
  - Wall No. 1, 1953.
  - Wall No. 2, 1938.

- **8.** The depth of water table...
  - Wall No. 1, 20 feet.
  - Wall No. 2, 70 feet.

- **9.** So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater...
  - Wall No. 1, drilled 6" casing, 20 feet.
  - Wall No. 2, drilled 10" casing, 70 feet.

- **10.** The estimated amount of groundwater withdrawn each year...
  - Wall No. 1, unknown.
  - Wall No. 2, unknown.

- **11.** The log of formations encountered in the drilling of each well if available...
  - Wall No. 1, Not available.
  - Wall No. 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...
  - Wall No. 1, Home.
  - Wall No. 2, Home.

Signature of Owner: George C. Koeshel

Date: December 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 Appropriate.
**WATER WELL LOG**

**Owner:** George L. Krekel  
**Address:** Sec. 31  
**Driller:** Cal Gaba  
**Address:** Sec. 31

**Date Started:** 12/20/51  
**Date Completed:** 12/22/51

**Location:** Sec. 31  
**T. 33 S.**  
**R. 72 W.**  
**34 sec. SW NW**

**Type of well:** Drilled  
**Equipment used:** Churn drill

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

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

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

**Static Water level, for non-flowing well:** 13 ft. From Top

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

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

**How tested:** PUMPING

**Length of test:** 24 hr.

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-2</td>
<td></td>
<td></td>
<td>Heavy Top Soil</td>
</tr>
<tr>
<td>3-10</td>
<td></td>
<td></td>
<td>Hardpan</td>
</tr>
<tr>
<td>10-35</td>
<td></td>
<td></td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>35-63</td>
<td></td>
<td></td>
<td>Blue Clay</td>
</tr>
<tr>
<td>63-72</td>
<td></td>
<td></td>
<td>Fine Sand</td>
</tr>
<tr>
<td>72-79</td>
<td></td>
<td></td>
<td>Course Sand</td>
</tr>
<tr>
<td>79</td>
<td></td>
<td>79</td>
<td>Course Sand + Gravel</td>
</tr>
</tbody>
</table>

Log of Well
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

**George C. Koehel**

(Name of Appropriator)  

**Phillips, State of Montana**  

(Address)  

(Town)  

County of Phillips, State of Montana  

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

<table>
<thead>
<tr>
<th>Section</th>
<th>Township</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>19</td>
<td>32</td>
</tr>
</tbody>
</table>

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

**Stock Water**

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

**Continuous since 1959**

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

**12 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 Motor**

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

1958

8. The depth of water table:  

**20 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:  

**Galvanized pipe, size 3" Depth 80 feet**

10. The estimated amount of groundwater withdrawn each year:  

**Unknown**

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:  

**George C. Koehel**  

Date: **December 26, 1963**

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

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

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

Declaration of Vested Groundwater Rights
(Under Chapter 287, Montana Session Laws, 1961)

George C. Knebel
Name of Appropriator

Phillips
County

Montana
State

File No. T.31R.33

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: 19
   continuous since 19

4. The amount of groundwater claimed (in man's inches or gallons per minute): 12 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: Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 19

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 3", 40 feet

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

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: George C. Knebel
Date: December 26, 1963

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

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

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

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

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

1. Melvin L. Nelson of Box 302 - Saoo
   (Name of Appropriator) (Address) (Town)
   County of Phillips - State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950 - Pumped six mos. of each of the following years.

4. The amount of groundwater used (in miner's inches or gallons per minute) 300 to 500 gals. 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 - None.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal - Deep well, 18' x 3' cylinder 84 ft. below Mount.
   (12) T. (31) N. of Range (33).

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater - Started drilling Oct. 9, 1950 - Finished Oct. 17, 1950.

8. The depth of water table - 59' 6".

   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 - 8" black casing, 14' deep, per ft.

9. The estimated amount of groundwater withdrawn each year - 72,000 gals.

10. The log of formations encountered in the drilling of each well if available - 10' - 37' - Gumbo 37' - 72' - 6" water, sand and quicksand. Water rises within 13' of the surface. Pumped for 28 hrs. at approx. 15 gals. per min.

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: Melvin L. Nelson
Date: 1/3/63

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. DON E. MCNAMARA of SACO
   (Name of Appropriator) (Address) (Town)
   County of PHILLIPS, 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 AND POULTRY.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: BOARD IN 1940 WATERED HORSES, SHEEP, COWS, POULTRY FOR SOME TIME AROUND 1000 BILLS PER DAY.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): IT WOULD BE HARD TO TELL AS WELL IS ONLY 200 FT DEEP. I RISATION CHANNEL.

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.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: WELL WAS ON PLACE WHEN I BOUGHT IN 1950 COULD OF BEEN BORED IN 1940.

8. The depth of water table: 40 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: ONE 114 FT DEEP.

10. The estimated amount of groundwater withdrawn each year: ONLY ONE TO THREE GALLONS PER DAY.

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: DON E. MCNAMARA.

Date: Dec. 17th 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 Phillips

Filed for Record this 20th day
of December, A.D. 1950
and duly recorded in book

Rosalie Alexander

Return

236680
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Donald D. Shippl at, Saco, (Address) (Town)
   County of Phillips, State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1. 4 gpm; 2. 2 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 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: Approximately 1930.

8. The depth of water table: 1. 15 ft. 2. 20 ft. 3. 30 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: 1. 300,000 gal. 2. 300,000 gal. 3. 100,000 gal.

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: Donald D. Shippl
Date: 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.
Filed: Dec. 30, 1963
At 3:48 P.M.
Fees $2.00

Rosalind Meloney
Clerk & Recorder
Declaration of Vested Groundwater Rights

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

State Engineer

1. Great Northern Railway Company of 175 E. 4th St., St. Paul, Minnesota

   (Name of Appropriator)
   (Address)
   (Town)

   County of Phillips
   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: Railroad purposes.

   3. The date or approximate date of earliest beneficial use and name of the person who has been the owner of the land on which the use has been made: September 22, 1960 - No. 2

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 2.00 G.P.M.

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and the name of the owner thereof: 10.00 acres, Loring, Whitewater, Malta and Saco

   6. The date of commencement and completion of the construction of the well or other means of withdrawal of groundwater: September 20, 1960

   7. The depth of water table: 48 ft.

   8. The depth of water table: 63 ft.

   9. The log of formations encountered in the drilling of each well: See attached log sheet.

   10. The estimated amount of groundwater withdrawn each year: 300,000 gallons = Well No. 2

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

   GREAT NORTHERN RAILWAY COMPANY

   SUPERINTENDENT

   Date

   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 Appropriation.

   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.
<table>
<thead>
<tr>
<th>Location of Well</th>
<th>Location of Well</th>
<th>Location of Well</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Location of Well</strong> at Whitewater</td>
<td><strong>Location of Well</strong> at Malta</td>
<td><strong>Location of Well</strong> at Saco</td>
</tr>
<tr>
<td>1. N/A</td>
<td>1. N/A</td>
<td>1. N/A</td>
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<tr>
<td>2. N/A</td>
<td>2. N/A</td>
<td>2. N/A</td>
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<tr>
<td>4. 30 RPM</td>
<td>4. 30 RPM</td>
<td>4. 30 RPM</td>
</tr>
<tr>
<td>5. N/A</td>
<td>5. N/A</td>
<td>5. N/A</td>
</tr>
<tr>
<td>8. 6' drilled wall = 65' deep</td>
<td>8. 6' drilled wall = 65' deep</td>
<td>8. 6' drilled wall = 65' deep</td>
</tr>
<tr>
<td>9. 10' well = 25' deep</td>
<td>9. 10' well = 25' deep</td>
<td>9. 10' well = 25' deep</td>
</tr>
<tr>
<td>10. 100,000 gallons</td>
<td>10. 100,000 gallons</td>
<td>10. 100,000 gallons</td>
</tr>
<tr>
<td>11. N/A</td>
<td>11. N/A</td>
<td>11. N/A</td>
</tr>
<tr>
<td>12. N/A</td>
<td>12. N/A</td>
<td>12. N/A</td>
</tr>
</tbody>
</table>

**Notes:**

- Location of Well at Whitewater:
  - June 8, 1936
  - Static level = 25'
  - 6' drilled wall = 65' deep
  - 10' well = 25' deep
  - 100,000 gallons

- Location of Well at Malta:
  - May 16, 1936
  - Static level = 25'
  - 6' drilled wall = 65' deep
  - 10' well = 25' deep
  - 100,000 gallons

- Location of Well at Saco:
  - November 1936
  - Static level = 25'
  - 6' drilled wall = 65' deep
  - 10' well = 25' deep
  - 100,000 gallons

- N/A = Not Applicable
- N/A = Not Applicable
- N/A = Not Applicable

- Location of Well at Whitewater:
  - See attached log sheet

- Location of Well at Malta:
  - See attached log sheet

- Location of Well at Saco:
  - See attached log sheet

- Note: The table and diagrams are not fully legible due to the quality of the image.
<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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<td>Blue Brothers</td>
<td>Gw 4</td>
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<td>7</td>
<td>Merrill Reznor</td>
<td>Gw 2</td>
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<td>7</td>
<td>Walter S. Blue</td>
<td>Gw 4</td>
<td>234222</td>
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<td>7</td>
<td>Ernest Pomphrey</td>
<td>Gw 4</td>
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<td>Town of Seno</td>
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<td>8</td>
<td>Melvin Duvall</td>
<td>Gw 2</td>
<td>2215141</td>
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<td>17</td>
<td>Don Shipp</td>
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<td>18</td>
<td>D. E. Babich</td>
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<td>21</td>
<td>Alice Estingness</td>
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<td>Don Shipp</td>
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<td>8</td>
<td>Marshall Alice</td>
<td>Gw 2</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. Name of Appropriator: Blue Brothers
   Address: 123 Main St.
   Town: Phillips
   County: Phillips
   State: Montana
   Have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been
   Date: 1957
   Continuous Use: Yes

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   Amount: 100 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: 50
   Description: 10 acres
   Owner: John Doe

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Cylinder Pressure Type Pump
   Location: 10 ft.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Date of Commencement: 1957
   Date of Completion: 1958

8. The depth of water table
   Depth: 10 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
   Drill: 16 in.
   Casing: 32 in.

10. The estimated amount of groundwater withdrawn each year
    Amount: 220,000 gal.

11. The log of formations encountered in the drilling of each well if available
    Formations: 16-31 Water Sand 31-32 Water Sand

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

Signature of Owner:

Date: March 29, 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 Mine and Geology and Quadruplicate for the Appropriator.