**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nevada</td>
<td>Pueblo</td>
</tr>
</tbody>
</table>

**Driller**

<table>
<thead>
<tr>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Montana</td>
</tr>
</tbody>
</table>

**Date Started**

<table>
<thead>
<tr>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>12, 10, 1947</td>
</tr>
</tbody>
</table>

**Location**

<table>
<thead>
<tr>
<th>Sec</th>
<th>T</th>
<th>R</th>
<th>S.</th>
<th>W.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>T</td>
<td>33</td>
<td>56</td>
<td>4</td>
</tr>
</tbody>
</table>

**Type of well**

<table>
<thead>
<tr>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
</tr>
</tbody>
</table>

**Water use**

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

**Industrial**

<table>
<thead>
<tr>
<th>Drainage</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Other</th>
</tr>
</thead>
</table>

**Casing**

<table>
<thead>
<tr>
<th>0 ft. to 60 ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>3&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>60 ft. to</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Perforated or Screened**

<table>
<thead>
<tr>
<th>40 ft. to 60 ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Type of screen or perforations**

<table>
<thead>
<tr>
<th>Bond, hole in casing</th>
</tr>
</thead>
</table>

**Static Water level, for non-flowing well**

<table>
<thead>
<tr>
<th>30 feet</th>
</tr>
</thead>
</table>

**Shut-in pressure, for flowing well**

<table>
<thead>
<tr>
<th>lb./sq. ft. on:</th>
<th>(date)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Pumping water level**

<table>
<thead>
<tr>
<th>57 feet at 5 gal. per min.</th>
</tr>
</thead>
</table>

**How tested**

<table>
<thead>
<tr>
<th>Gravel packing, cementing, packers, type of shut-off, depth of shut-off</th>
</tr>
</thead>
</table>

**Length of test**

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
</table>

**Remarks**

<table>
<thead>
<tr>
<th>(over)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth, feet</td>
</tr>
<tr>
<td>------------</td>
</tr>
<tr>
<td>0 - 40</td>
</tr>
<tr>
<td>40 - 60</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Richard H. Hier
of
Lambert
(Address)

County of Richland
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: Well for watering cattle

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1931. Used large part of each year

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1931

8. The depth of water table: 20 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: Diameter, 60 ft.; depth, 24 ft.; machine dug well, 24 inch.

10. The estimated amount of groundwater withdrawn each year: Waterfowl 100 Crops 75,000 gpd

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: Richard Hier
Date: Dec. 31, 1963

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

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

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

Filed this 31st day of December, A.D. 1962.
at 1:07 o'clock P.M.

S. D. Knapp
County Recorder.

Filed 3-2-63.
<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Briller</td>
<td>Address</td>
</tr>
</tbody>
</table>

- **Date Started**: 13, 1959
- **Date Completed**: 11, 1959
- **Location**: Sec 9, T. 36, R. 36, 1/4 sec. 1, C. W. X

### Water Well Log

- **Type of well**: Dug
- **Equipment used**: Rotary

#### Water use:

- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other

#### Casing:

- 0 ft. to 430 ft.  Type: Steel  Size: 4
- 430 ft. to 937 ft. Type:  Size: 3
- Other:

#### Perforated or Screened:

- 430 ft. to 937 ft.  Type: Steel casing

#### Static Water level, for non-flowing well: 160 feet.

#### Shut-in pressure, for flowing well: 345 lb./sq. in. on: 11, 1959

#### Pumping water level: 7 gal. per min.

#### How tested:

#### Length of test: 7 days.

#### Remarks:

(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 36</td>
<td>Sandy Clay, 388 - 396 coal</td>
</tr>
<tr>
<td>36 - 46</td>
<td>Sand, 396 - 399 clay</td>
</tr>
<tr>
<td>46 - 82</td>
<td>Blue Clay, 399 - 403 sand</td>
</tr>
<tr>
<td>82 - 155</td>
<td>Coal, 403 - 466 clay</td>
</tr>
<tr>
<td>155 - 166</td>
<td>Blue Clay, 406 - 407 coal</td>
</tr>
<tr>
<td>166 - 179</td>
<td>Soft Rock, 407 - 460 clay</td>
</tr>
<tr>
<td>179 - 182</td>
<td>Clay, 460 - 437 sand</td>
</tr>
<tr>
<td>182 - 222</td>
<td>Sand, 437 - 437 sand</td>
</tr>
<tr>
<td>222 - 226</td>
<td>Clay</td>
</tr>
<tr>
<td>234 - 252</td>
<td>Sand</td>
</tr>
<tr>
<td>252 - 254</td>
<td>Clay</td>
</tr>
<tr>
<td>254 - 285</td>
<td>Sand</td>
</tr>
<tr>
<td>285 - 296</td>
<td>Coal</td>
</tr>
<tr>
<td>296 - 299</td>
<td>Sand</td>
</tr>
<tr>
<td>299 - 312</td>
<td>Clay</td>
</tr>
<tr>
<td>312 - 346</td>
<td>Sand</td>
</tr>
<tr>
<td>346 - 360</td>
<td>Clay</td>
</tr>
<tr>
<td>360 - 384</td>
<td>Clay</td>
</tr>
<tr>
<td>384 - 388</td>
<td>Sand</td>
</tr>
<tr>
<td>388 - 392</td>
<td>Clay</td>
</tr>
<tr>
<td>392 - 405</td>
<td>Sand</td>
</tr>
<tr>
<td>405 - 428</td>
<td>Clay</td>
</tr>
<tr>
<td>428 - 437</td>
<td>Coal</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Roberts Bahie
Address: Lambert, Montana

Driller: B.C. Andron
Address: Sidney, Montana

Date of Notice of appropriation of groundwater: June, 1969
Date well started: 14, June, 1969
Date completed: 15, June, 1969

Type of well drilled: Equipment used: (Dug, driven, bored or drilled)
Water use: Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □

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

<table>
<thead>
<tr>
<th>Strata Met</th>
<th>Depth (Feet)</th>
<th>Thickness</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 26 brown sand</td>
<td>27-26 ft</td>
<td></td>
<td></td>
</tr>
<tr>
<td>26 - 35 grey shale</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>35 - 47 coal sand</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>4# 11#</td>
<td>60</td>
<td>37</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Torches slots</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 17 feet.
Shut-in pressure for flowing well: 20 feet.
Pumping Water Level: 25 feet.
Discharge in gal. per min. of flowing well: 25 gal.

How Tested: Baxter
Length of Test: 1 hr.
Remarks: (travel packing, cementing, etc., 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, tissue copy to be retained by driller.

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

Driller’s License Number
Driller’s Signature

File No.: 15537
STATE OF MONTANA,
County of Richland, ss.

Filed this 15 August, A. D. 1869
at 11:30 a.m.

Helen G. Smith
County Clerk

Elmona C. Park
Deputy

Lee $200
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Orlo Nevis
   (Name of Appropriator)
   of
   (Address)
   Sidney
   (Town)

   County of Richland
   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:

   Used For Stock Also For House

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

   1940 Used Daily

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

   5 gal. Per Minute

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

   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:

   Piston Pump

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

   June 1940

   8. The depth of water table:

   52 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:

   Bored Well 24°F. curving 90° Deep

   10. The estimated amount of groundwater withdrawn each year:

   100,000 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:

   None

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

OWNER: Albert L. Johnson
Address: 

Driller: Albert L. Johnson
Address: 

Date of Notice of Appropriation of Groundwater: Oct. 19, 1963
Date well started: Oct. 19, 1963
Date Completed: 

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

Water Use: Domestic ☑ Municipal ☐ Other ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Stock ☐

Soil. 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 Casings</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 170 feet.
Shut-in Pressure for Flowing Well: 0
Pumping Water Level: 9.5 feet at 12 gal. per minute.
Discharge in gal. per min. of flowing well: 0
How Tested: Static 
Length of Test: 3 min.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation): 4.30 ft.

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 Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.

Driller's License Number: 106 Driller's Signature: Albert L. Johnson

Approved Stock Form—State Publishing Co., Helena, Montana—3542

County: Richland

RECEIVED OCT 14 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

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

2. The beneficial use on which the claim is based: Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Not Known
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: Water used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Pipes and Cylinders
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Not Known
8. The depth of water table: Not Known
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 Known
10. The estimated amount of groundwater withdrawn each year: 30,000 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: Not Known

Signature of Owner: Mervin A. Jorgenson
Date: Dec 31, 1962

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

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

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

In the County Court and in the name of the State of Montana, the court is hereby called into session on this 23rd day of December, A.D. 1963, at 10 o'clock A.M.

[Signature]
C. G. Foster
County Recorder

[Signature]
Helen Burke
Deputy

filed

[Date]
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: January 31, 1963

Owner: ... Address: Lewistown, Montana

Contractor (if any): None

Address of Contractor: Not applicable

Date Started: Not applicable

Date Completed: Not applicable

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. This is a natural spring with a depth shown.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent, estimate approximate lengths of periods of use. Not less than nine months a year.

Indicate point of appropriation and place of use, if possible.

Signature of Owner: ____________ Date: ____________

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are 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 Richland,

Filed this 31st day of December... A.D. 18... at 10:47 A.M.

C. B. Kinney
County Recorder

Respectfully,
Office.
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
State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   July 1, 1962

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
   [Description]

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

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

8. The depth of water table
   21 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
   [Details]

10. The estimated amount of groundwater withdrawn each year
    [Amount]

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

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
    [Reference]

Signature of Owner
Date

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

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

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

Filed this 31 day of December, A.D. 1263, at 4:00 P.M.

S. H. Stover
County Recorder

File 8200
File
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  

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

1. **Appropriator**
2. **Beneficial Use**
3. **Early and Continuous Use**
4. **Amount of Groundwater Claimed**
5. **Irrigation Use**
6. **Means of Withdrawal**
7. **Construction Completion**
8. **Depth of Water Table**
9. **General Specifications**
10. **Annual Withdrawal**
11. **Log of Formations**
12. **Other Information**

**Signature of Owner**

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
County of Richland

Filed this 31st day of December A.D. 1963
10:39 o'clock A.M.
E. R. Cook
County Recorder

F.R. Cook
Deputy
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>J. L. Provoet</td>
<td>Lambert, Montana</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Western Drilling Company</td>
<td>Medicine Lake, Montana</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>October 12, 1956</td>
<td>October 20, 1956</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sec 23, T 23, R 56, g sec NE</td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface:</td>
<td>ft. to 357 ft.</td>
</tr>
<tr>
<td>350 ft. to 436 ft.</td>
<td>Type: Steel</td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Ft. to Ft.</td>
</tr>
</tbody>
</table>

| Static Water level, for non-flowing well: | 35 feet |
| Shut-in pressure, for flowing well: | lb/sq. in. | (date) |
| Pumping water level: | 230 feet at 5 gal. per min |
| How tested: | Submersible pump | set at 314 ft. from 2 to 10 hrs. per day |
| Length of test: | 3 weeks |

<table>
<thead>
<tr>
<th>Remarks:</th>
<th>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Note:</td>
<td>The upper undrivable veins were sealed off by grouting for casing to seal.</td>
</tr>
<tr>
<td></td>
<td>Installed area filter to remove iron for domestic use, prevent rust.</td>
</tr>
</tbody>
</table>

(over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 10</td>
<td>Sandy</td>
</tr>
<tr>
<td>10 - 13</td>
<td>Coal Slack</td>
</tr>
<tr>
<td>13 - 26</td>
<td>Clay</td>
</tr>
<tr>
<td>26 - 29</td>
<td>Coal</td>
</tr>
<tr>
<td>29 - 31</td>
<td>Clay</td>
</tr>
<tr>
<td>31 - 33</td>
<td>Sandstone</td>
</tr>
<tr>
<td>33 - 42</td>
<td>Clay</td>
</tr>
<tr>
<td>42 - 57</td>
<td>Sandy</td>
</tr>
<tr>
<td>57 - 90</td>
<td>Clay</td>
</tr>
<tr>
<td>90 - 92</td>
<td>Sandy</td>
</tr>
<tr>
<td>92 - 130</td>
<td>Coal</td>
</tr>
<tr>
<td>130 - 132</td>
<td>Clay</td>
</tr>
<tr>
<td>132 - 134</td>
<td>Sand (Water)</td>
</tr>
<tr>
<td>134 - 136</td>
<td>Clay</td>
</tr>
<tr>
<td>136 - 138</td>
<td>Coal</td>
</tr>
<tr>
<td>138 - 140</td>
<td>Clay</td>
</tr>
<tr>
<td>140 - 170</td>
<td>Coal (oiled)</td>
</tr>
<tr>
<td>170 - 172</td>
<td>Clay</td>
</tr>
<tr>
<td>172 - 174</td>
<td>Sandy</td>
</tr>
<tr>
<td>174 - 176</td>
<td>Sandy</td>
</tr>
<tr>
<td>176 - 179</td>
<td>Sandy</td>
</tr>
<tr>
<td>179 - 182</td>
<td>Sandy</td>
</tr>
<tr>
<td>182 - 185</td>
<td>Clay</td>
</tr>
<tr>
<td>185 - 195</td>
<td>Sandy</td>
</tr>
<tr>
<td>195 - 200</td>
<td>Sandstone (Water)</td>
</tr>
<tr>
<td>200 - 206</td>
<td>Clay</td>
</tr>
<tr>
<td>206 - 213</td>
<td>Sandstone (Water)</td>
</tr>
<tr>
<td>213 - 215</td>
<td>Clay</td>
</tr>
<tr>
<td>215 - 224</td>
<td>Soft Rock</td>
</tr>
<tr>
<td>224 - 226</td>
<td>Clay</td>
</tr>
<tr>
<td>226 - 234</td>
<td>Sandstone (Water)</td>
</tr>
<tr>
<td>234 - 236</td>
<td>Clay</td>
</tr>
<tr>
<td>236 - 260</td>
<td>Clay</td>
</tr>
<tr>
<td>260 - 266</td>
<td>Sandstone (Water-lime vein)</td>
</tr>
<tr>
<td>266 - 274</td>
<td>Hard Clay</td>
</tr>
<tr>
<td>274 - 314</td>
<td>Coal</td>
</tr>
<tr>
<td>314 - 316</td>
<td>Clay</td>
</tr>
<tr>
<td>316 - 334</td>
<td>Coal</td>
</tr>
<tr>
<td>334 - 342</td>
<td>Sand</td>
</tr>
<tr>
<td>342 - 344</td>
<td>Coal</td>
</tr>
<tr>
<td>344 - 350</td>
<td>Sand &amp; Coal</td>
</tr>
<tr>
<td>350 - 354</td>
<td>Soft Coal</td>
</tr>
<tr>
<td>354 - 360</td>
<td>Sand &amp; Coal</td>
</tr>
<tr>
<td>360 - 362</td>
<td>Hard Clay</td>
</tr>
<tr>
<td>362 - 363</td>
<td>Clay</td>
</tr>
<tr>
<td>363 - 366</td>
<td>Clay (Chert or Iron Clay)</td>
</tr>
<tr>
<td>366 - 394</td>
<td>Coal</td>
</tr>
<tr>
<td>394 - 430</td>
<td>Clay (Water)</td>
</tr>
<tr>
<td>430 - 500</td>
<td>Sand (Water)</td>
</tr>
</tbody>
</table>

**Total Distance:** 1,468 ft.
MONTANA BUREAU OF MINES AND GEOLOGY

WATER WELL LOG

Owner: Clinton R. Mulham
Address: Butte, Mont.

Driller: David Sullivan
Address: Sidney, Mont.

Date Started: Sept. 15, 1960
Date Completed: Sept. 13, 1960

Location: Sec. 29, T. 33 N., R. 56 W., 1/4 sec. 5 W.

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use: Domestic</td>
<td>☐</td>
</tr>
<tr>
<td>Industrial</td>
<td>☐</td>
</tr>
</tbody>
</table>

Casing: 0 ft. to 170 ft. Type: Steel Size: 6".

Perforated or Screened: 130 ft. to 120 ft.

Type of screen or perforations: Gravel packed.

Static Water level, for non-flowing well: 15 ft.

Shut-in pressure, for flowing well: 50 lb./sq. in. on: (date)

Pumping water level: 150 feet at 15 gal. per min.

How tested:バルス.

Length of test: 1 HR.

Remarks: Gravel packed.
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0</td>
<td>To 15</td>
</tr>
<tr>
<td>15</td>
<td>50</td>
</tr>
<tr>
<td>50</td>
<td>60</td>
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<td>60</td>
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<tr>
<td>64</td>
<td>90</td>
</tr>
<tr>
<td>90</td>
<td>95</td>
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<tr>
<td>95</td>
<td>104</td>
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<td>104</td>
<td>109</td>
</tr>
<tr>
<td>109</td>
<td>155</td>
</tr>
<tr>
<td>155</td>
<td>170</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Before 1920
Owner: Richard H. Myers
Contractor (if any):
Address of Contractor:
Date Started: 1916
Date Completed: 1916

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use.

Signature of Owner: Richard H. Myers
Date: Dec. 31, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are 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.

2983
STATE OF MONTANA,
County of Richland,

Filed this 31st day of December, A.D. 1962,
at 11:00 o'clock, A.M.

County Recorder

286590

Fee $2.00
filed
<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>James</td>
<td>Lit. Bill</td>
<td>286,6420</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>James</td>
<td>Lit. Bill</td>
<td>286,6420</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>James</td>
<td>Lit. Bill</td>
<td>286,6420</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>James</td>
<td>Lit. Bill</td>
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<td></td>
</tr>
<tr>
<td>5</td>
<td>James</td>
<td>Lit. Bill</td>
<td>286,6420</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>James</td>
<td>Lit. Bill</td>
<td>286,6420</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>James</td>
<td>Lit. Bill</td>
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<tr>
<td>8</td>
<td>James</td>
<td>Lit. Bill</td>
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<td>James</td>
<td>Lit. Bill</td>
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<td>12</td>
<td>James</td>
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<td>286,6420</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>James</td>
<td>Lit. Bill</td>
<td>286,6420</td>
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</tr>
<tr>
<td>16</td>
<td>James</td>
<td>Lit. Bill</td>
<td>286,6420</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>James</td>
<td>Lit. Bill</td>
<td>286,6420</td>
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<td>18</td>
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<td>20</td>
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<td>25</td>
<td>James</td>
<td>Lit. Bill</td>
<td>286,6420</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>James</td>
<td>Lit. Bill</td>
<td>286,6420</td>
<td></td>
</tr>
<tr>
<td>Sec.</td>
<td>Name of Appropriator</td>
<td>Type of Form</td>
<td>County File No.</td>
<td>Remarks</td>
</tr>
<tr>
<td>------</td>
<td>----------------------</td>
<td>--------------</td>
<td>-----------------</td>
<td>---------</td>
</tr>
<tr>
<td>26</td>
<td>Angersey, Charles</td>
<td>Hw.4</td>
<td>286773</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Benoit, Charles C.</td>
<td>Hw.3</td>
<td>226408</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Boalman, James A.</td>
<td>Hw.1.7</td>
<td></td>
<td></td>
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<tr>
<td>32</td>
<td>Berryhill, Effie</td>
<td>Hw.3</td>
<td>226694</td>
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</tr>
<tr>
<td>33</td>
<td>Berryhill, Eustie</td>
<td>Hw.3</td>
<td>226695</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Berryhill, Lizzie</td>
<td>Hw.3</td>
<td>226696</td>
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</tr>
<tr>
<td>36</td>
<td>Davis, James A.</td>
<td>Hw.4</td>
<td>226286</td>
<td></td>
</tr>
<tr>
<td>Owner</td>
<td>Sidney</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------------</td>
<td>--------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Driller</td>
<td>James</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td>Butte</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td>06-27</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date Completed</td>
<td>06-29</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Location: Sec 1 T 23 R 57

Type of well: Drilled
Equipment used: Churn

Water use: Stock ✔

Casing: 164 ft to 5 ft. Type O.D. Size 6 inch

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

Type of screen or perforations: Cut with cutting torch

Static Water level, for non-flowing well: feet.
Shut-in pressure, for flowing well: lb/sq in. on: (date)
Pumping water level: 20 feet at: gal per min. 8

How tested: By bailig
Length of test: Hand

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 → 15</td>
<td>Sand</td>
</tr>
<tr>
<td>15 → 50</td>
<td>Yellow</td>
</tr>
<tr>
<td>50 → 56</td>
<td>Clay</td>
</tr>
<tr>
<td>56 → 154</td>
<td>Blue Clay</td>
</tr>
<tr>
<td>154 → 164</td>
<td>Sand and water</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation: Oct 1961
Owner: James O. Coon
Address: Sidney, Mont.
Contractor (if any): James O. Coon
Address of Contractor: Sidney, Mont.
Date Started: Oct 1961
Date Completed: Oct 1961

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Indicate a ditch about
3 ft deep, cut into layers of hay
grass or other material
in the drain tile trench covered with
a gravel filter to prevent
entrainment.

Quantity of water developed and used with explanation of method
used to measure or calculate such amount. If use is intermittent,
estimate approximate lengths of periods of use.

Signature of Owner: James O. Coon
Date: Dec 31, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the
works are 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. James A. Clark
   (Name of Appropriator)
   County of Richland
   State of Montana

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

3. Date or approximate date of beginning beneficial use; and how continuous the use has been: Oct. 1943 everyday

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

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

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

7. The date of commencement of construction of the well, wells, or other works for withdrawal of groundwater: 08/17/49

8. The depth of water table: about 30 ft.

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

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

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 connection with this act, including reference to book and page of any county record

Signature of Owner: James A. Clark
Date: Dec. 31, 1963

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

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

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

COUNTY OF RAValli

1862

December 31, 1863

G. L. Foster

Helen Riddle

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

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

James C. Green

County of Richland

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: Irrigation

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

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Sept 25

8. The depth of water table: About 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: 5/8 inch diameter soft pipe

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

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: not available

Signature of Owner: James C. Green
Date: Dec 31, 1963

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

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

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

28th day of December, A.D. 1863

This 8 o'clock in the morning.

L.C. Lytton

D.P.

Lt. Governor,

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

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

James A. Glenn
of Airwind Rd. lately of
County of Richland
State of Montana

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

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

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

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

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 is 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 Dec. 31, 1963

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

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

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

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: June 1933
Owner: James C. Brown
Address: Sidney, Mont.

Contractor (if any): John Doe
Address of Contractor:

Date Started: June 1933
Date Completed: June 1933

Describe means of obtaining groundwater without a well “as by
sub-irrigation and other natural processes” including depth to
table, pond, gravel, ground tile, or any other manner.

Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent
estimate approximate lengths of periods of use. This area
small spring about 10 feet in diameter
is used in spring

Signature of Owner: James C. Brown
Date: Dec. 31, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the
work is located.

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

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

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

1. John B. Sawyer, of Girard Rte., Sidney, Montana
   (Name of Appropriator) (Address) (Town)

   County of Richland 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: Not used at the present time

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Unknown, not used since acquired in 1943

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: None

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 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 6" and 60 feet deep

10. The estimated amount of groundwater withdrawn each year: Unknown, not used

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.

Signature of Owner: John B. Sawyer
Date: December 26, 1963
**Notice of Completion of Groundwater Appropriation Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: **Unknown**

Owner: **John B. Sawyer**  Address: **Girard Rte., Sidney, Montana**

Contractor (if any): 

Address of Contractor: 

Date Started: 

Date Completed: 

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes": Include depth to water when applicable: **None**

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use: **Used approximately 6 months out of the year for feeding of stock**

Signature of Owner: **John B. Sawyer**

Date: **December 26, 1963**

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This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are 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 Richland,

Filed this... 2... day of...
Dec... A.D. 19... 5...
at... 3... o'clock, P.M.

[Signature]
Clark, Recorder

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

1. Harold Franz
   (Name of Appropriator)
   Box 229, Sidney
   (Address)
   Richland
   (Town)
   Montana
   (State)
   County of Richland

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:
   stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1955 been in use ever since

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

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

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

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

8. The depth of water table: 110 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:
   6 inch steel casing

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

11. The log of formations encountered in the drilling of each well if available:
   log 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
   Harold Franz
   Date: 12-31-63

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

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

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

Filed this __________ day of ________, A.D. 19.....

at __________ o'clock, M.

__________________________
County Recorder

Yes: __________

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

1. Harold Francs, of Box 229, Sidney, Montana
   (Name of Appropriator) (Address) (Town)

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

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

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): 6 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: electric pump

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

8. The depth of water table: 60 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: 6 inch steel casing

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:

   Signature of Owner: Harold Francs
   Date: 12-31-63

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

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

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

Filed this day of Jan., A.D. 19... at 6 o'clock, M.

E. D. Lepper
County Recorder

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

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

1. Harold Frame
   (Name of Appropriator)
   Box 229
   Sidney
   (Address) (Town)

   County of Richland
   State of Montana

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

   2. The beneficial use on which the claim is based.
      
   3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
      1949 and has been used over times

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
      7 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.
      4-inch steel casing

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
      1949

   8. The depth of water table.
      110 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.
      
   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.

   Signature of Owner

   Date 2-1-63

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, COUNTY OF RICHLAND

Filed this day, A.D. 18__ by __________.

[Signature]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. John B. Sanyar
   (Name of Appropriator)
   of Girard St. Sidney, Montana
   (Address) (Town)

County of Richland

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1942 and continuously to 1963

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
   Not used for the above

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

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

8. The depth of water table: 44 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 2 feet 44 feet deep

10. The estimated amount of groundwater withdrawn each year: 164,250 gallons

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

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

   Signature of Owner:

   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.
STATE OF MONTANA.
County of Richland.

Filed this the 26 day of
Nov. 1965.
At 3:59 p.m.

A. H. Kunkel
County Clerk

J. A. Sullivan

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

1. John B. Sawyer, of Girard Rts., Sidney, Montana

2. The beneficial use on which the claim is based
   Household and watering lawn

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   April 12, 1949

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
   Not available

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   April 12, 1949

8. The depth of water table
   26 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 24” 33 feet

10. The estimated amount of groundwater withdrawn each year
    164,250 gallons

11. The leg 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: John B. Sawyer
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.
STATE OF MONTANA
County of Richland,

This, the 26th day of 
December, A.D. 1943

State 3:01 P.M.

By:

County Register

D. Sullivan
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODES
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Unknown
Owner: John B. Sawyer
Address: Girard Rte., Sidney, Montana
Contractor (if any)
Address of Contractor

Date Started: Date Completed:

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable: None

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use: Used approximately 6 months out of the year for watering of stock

Signature of Owner: John B. Sawyer
Date: December 26, 1963

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are 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

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1963
Owner: Dale Kerins
Address: Sidney, Mont.

Contractor (if any): None
Address of Contractor:

Date Started: Date Completed:

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

Spring Fed Creek

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use.

Springs Used For Stockwater About Four Months Per Year
Creek Bottom Sub-Irrigated

Signature of Owner: Dale Kerins
Date: Dec. 30, 1965

This form is to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are 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 Richland,
File this on the 20th day of December, A.D. 1963.

At 3:30 P.M. in the Court of M.M.

[Signature]
[County Judge]

[Signature]
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Unknown

Owner: Marguerite Sawyer
Address: Sidney, Montana

Contractor (if any): None
Address of Contractor: ____________________________

Date Started: ____________________________ Date Completed: ____________________________

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable.

Natural Flowing Spring

Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent
estimate approximate lengths of periods of use.

Amount of water: Unknown
Used about 6 months out of the year for stock water

Signature of Owner: Marguerite Sawyer
Date: 1-9-64

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are 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 Richland,

Filed this... at A.D. 19... day of...

at 1000 o'clock, M.P.

County Recoe...

Deputy

Fee: 100

Filed