## GROUNDWATER INDEX

**County:** McCone  
**Twp.:** 21N  
**Rge.:** 47E

<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>7</td>
<td>C. Lindley Kelius</td>
<td>well log</td>
<td>123456</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Haynie, Henry A.</td>
<td></td>
<td>123456</td>
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<td>14</td>
<td>Norvel Clayton</td>
<td></td>
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<td>17</td>
<td>Haynie, Marvin</td>
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<td>21</td>
<td></td>
<td></td>
<td>123456</td>
<td></td>
</tr>
</tbody>
</table>
Montana Bureau of Mines and Geology
Butte, Montana

Water Well Log

State Engineer

Owner: Julius Grindvold
Address: Circle, Montana

Date Started: Date Completed:

Location: Sec. __ T. __ R. __ S. __ E.

Type of well: Irrigation

Equipment used: Cherry drill

Water use: Domestic [ ], Municipal [ ], Stock [X], Irrigation [ ]

Industrial [ ], Drainage [ ], Other [ ]

Casing: ______ ft. to ______ ft. Type ______ Size ______

Casing: ______ ft. to ______ ft. Type ______ Size ______

Casing: ______ ft. to ______ ft. Type ______ Size ______

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

Type of screen or perforations:

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

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

Pumping water level ______ feet at ______ gal. per min. ___

How tested: ____________________________

Length of test: ____________________________

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

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 123400</td>
<td>To</td>
</tr>
</tbody>
</table>

123400

Water Well Log # 144

State of Montana
County of Marine
Office of Clerk and Recorder
Filed this 25th day of December A.D. 1952
at 2:08 o'clock P.M.

By

Fee: None
Form No. 18
8-60

T. 21 R. 47
County: McCone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG
STATE ENGINEER

Owner: H. Heynic
Driller:
Address: Circle, Montana

Date Started: Date Completed:

Location: Sec. 5 T. 21 R. 47 1/4 sec. SW

Type of well: driven
Equipment used: churn drill

Water use:
Domestic ☒
Municipal ☐
Stock ☒
Irrigation ☐
Industrial ☐
Drainage ☐
Other ☐

Casing: 0 ft. to 130 ft. Type: Steel Size: 6"
Casing: 0 ft. to 180 ft. Type: Steel Size: 6"

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

Type of screen or perforations:

Static Water level, for non-flowing well: _______ feet.
Shut-in pressure, for flowing well: _______ lb./sq. in. on:

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

How tested:

Length of test:

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

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

**123401**

**Water Well Log # 145**

State of Montana
County of McCone

Office of Clerk and Recorder

Filed this 29th day of December A.D. 1961

At 2:10 P.M.

By: [Signature]

Deputy
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Hanz H. Hopie
Address: Circle Montana

Driller: Address

Date Started: Date Completed:

Location: Sec. 3 T. 31 R. 47 1/4 sec. SW.

Type of well: [ ] Bored [ ] Equipment used: [ ] Rotary [ ] Bucket

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

Casing: ______ ft. to ______ ft. Type ______ Size ______
Casing: ______ ft. to ______ ft. Type ______ Size ______
Casing: ______ ft. to ______ ft. Type ______ Size ______

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

Type of screen or perforations

Static Water level, for non-flowing well: ______ feet.
Shut-in pressure, for flowing well: ______ lb./sq. in. on: ______ (psi)

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

How tested: ______

Length of test: ______

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

_____________________________________________________

_____________________________________________________

(over)
# Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

123399

**Water Well Log # 143.**

State of Montana
County of McCone
Office of Clerk and Recorder.
Filed this 23th day of December A.D. 1951
at 2:00 o'clock P.M.

[Signature]
Clerk and Recorder

By

Fee: None
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
</table>

Location: Sec. 8, T. 81 N., R. 47 W., 1/4 sec. 5E.

Type of well: Dug, driven, bored, or drilled
Equipment used: Rotary or other

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

Casing: 0 ft. to 23 ft. Type: 1  2  3  Size: 1 2 3
Casing: 23 ft. to 45 ft. Type: 1  2  3  Size: 1 2 3
Casing: 45 ft. to 67 ft. Type: 1  2  3  Size: 1 2 3

Perforated or Screened: From ft. to ft. Type: 1  2  3  Size: 1 2 3

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:

Length of test:

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

(over)
### MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

### WATER WELL LOG

**Owner:** H. A. Haynie

**Address:**

**Driller:**

**Address:**

**Date Started:**

**Date Completed:**

**Location:** Sec. 8 T. 21 R. 47 1/4 sec. S.E.

#### Type of well: bored (Dred, driven, bored, or drilled)

#### Equipment used: rotating bucket (Churn drill, rotary, other)

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

#### Casing:
- **0** ft. to 23 ft. Type: **neod** Size: **18 in.**
- **0** ft. to **0** ft. Type: **0** Size: **0**
- **0** ft. to **0** ft. Type: **0** Size: **0**

#### Perforated or Screened:
- **0** ft. to **0** ft. **0** ft. to **0** ft.

#### Type of screen or perforations:

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

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

#### Pumping water level:

#### How tested:

#### Length of test:

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

---

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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</thead>
<tbody>
<tr>
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</table>

123397

Water Well Log # 141

State of Montana
County of (illegible) 1st
Office of Clerk and Recorder.
Filed this 27th day of December A.D. 1961 at 2:02 o'clock P.M.
Clerk and Recorder

By

Sec. None
Signatures
### Montana Bureau of Mines and Geology

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>Owner</td>
<td><strong>Hanz H. Haysie</strong></td>
</tr>
<tr>
<td>Address</td>
<td>Circle, Montana</td>
</tr>
<tr>
<td>Driller</td>
<td><strong>J.</strong></td>
</tr>
<tr>
<td>Address</td>
<td><strong>J.</strong></td>
</tr>
<tr>
<td>Date Started</td>
<td><strong>J.</strong></td>
</tr>
<tr>
<td>Date Completed</td>
<td><strong>J.</strong></td>
</tr>
<tr>
<td>Location: Sec.</td>
<td>8 T. 21 R. 47</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of well</td>
<td><strong>Dug</strong></td>
</tr>
<tr>
<td>Equipment used</td>
<td><strong>Hand</strong></td>
</tr>
</tbody>
</table>
| Water use: | Domestic  
Municipal  
Stock  
Irrigation  
Industrial  
Drainage  
Other |
| Casing: | ft. to ft.  
Type  
Size |
| Perforated or Screened: | Ft. to Ft.  
Ft. to Ft. |
| Type of screen or perforations | **J.** |
| Static Water level, for non-flowing well: | feet. |
| Shut-in pressure, for flowing well: | lb./sq. in. on: (Jts) |
| Pumping water level | feet at gal. per min. |
| How tested: | **J.** |
| Length of test | **J.** |
| Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) | **J.** |

(over)
## Water Well Log # 142

<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>123398</td>
<td>Water Well Log # 142</td>
</tr>
</tbody>
</table>

State of Montana
County of [Illegible]
Office of Clerk and Recorder
Filed this 29th day of December, A.D. 1961 at 2:04 p.m.
By [Illegible]
Deputy
<table>
<thead>
<tr>
<th>Type of well drilled</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>Churn drilled</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>to</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>190</td>
<td>Steel</td>
<td>4&quot;</td>
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<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>from</th>
<th>to</th>
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</thead>
<tbody>
<tr>
<td>120</td>
<td>190</td>
<td></td>
</tr>
</tbody>
</table>

Static Water level, for non-flowing well: 70 feet from the top.

Shut-in pressure, for flowing well: 20 lb./sq. in. on: (date)

Pumping water level: 105' feet at: 20 gal. per min.

How tested: Baler

Length of test: 1/2 hour

Remarks: Gravel packed the water vain

(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>top</td>
<td>40'</td>
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<tr>
<td>40'</td>
<td>50'</td>
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</tr>
<tr>
<td>125'</td>
<td>147'</td>
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<tr>
<td>147'</td>
<td>151'</td>
</tr>
<tr>
<td>151'</td>
<td>175'</td>
</tr>
<tr>
<td>175'</td>
<td>186'</td>
</tr>
<tr>
<td>186'</td>
<td>190'</td>
</tr>
</tbody>
</table>

State of Montana  
County of McCone  
Office of Clerk and Recorder  
Filed this 5th day of April, A.D. 19-61  
At 3:25 o'clock  
Deputy Clerk and Recorder  

Dr. Hone
<table>
<thead>
<tr>
<th>Owner</th>
<th>Marvin Haynie</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Unknown</td>
</tr>
<tr>
<td>Date Started</td>
<td>Unknown</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Unknown</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 17, T. 31, R. 47, 1/4 sec.</td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Churn drill</td>
</tr>
<tr>
<td>Water use</td>
<td>Stock</td>
</tr>
<tr>
<td>Casing:</td>
<td></td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td></td>
</tr>
<tr>
<td>Type of screen or perforations:</td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td></td>
</tr>
<tr>
<td>Pumping water level:</td>
<td></td>
</tr>
<tr>
<td>How tested:</td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td>Grand packing</td>
</tr>
<tr>
<td></td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
<td>sand</td>
</tr>
<tr>
<td>20.0</td>
<td>blue clay</td>
</tr>
<tr>
<td>40.0</td>
<td>coal sand</td>
</tr>
</tbody>
</table>

---

**State of Montana**

**County of McCone**

Office of Clerk and Recorder.

Filed this 29th day of December, A.D. 1961 at 3:20 p.m.

[Signature]

By [Signature]

Fees...none
<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Location:** Sec. 17 T. 21 R. 47, Sec. ______

**Type of Well:** Local, Drilled, Bored, or Drilled

**Equipment Used:** Churn drill, Rotary, Other

**Water use:** Domestic, Municipal, Stock, Irrigation, Industrial, Drainage, Other:

- **Casing:** More ft. to ___ ft. Type ___ Size ___
- **Casing:** ___ ft. to ___ ft. Type ___ Size ___
- **Casing:** ___ ft. to ___ ft. Type ___ Size ___

**Perforated or Screened:** From ___ ft. to ___ ft. Type ___ Size ___

**Type of screen or perforations:** None

**Static Water level:** (feet)

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

**Pumping water level:** 35 feet at ___ gal./min.

**How tested:**

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 20</td>
<td>Sand</td>
</tr>
<tr>
<td>20 - 35</td>
<td>Sand and clay &amp; coal</td>
</tr>
</tbody>
</table>

Log of Well

Water Well Log # 181

State of Montana

County of McCone

Office of Clerk and Recorder.

Filed this 12/31/51 A.D. 1951

2:02 P.M.

Notary Public in and for the State of Montana

Notary Public in and for the State of Montana

Notary Public in and for the State of Montana

No. 3
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Marcin Hasznie</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Unknown</td>
</tr>
<tr>
<td>Date Started</td>
<td>Unknown</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Unknown</td>
</tr>
<tr>
<td>Location</td>
<td>Sec 17, T 21, R 47 1/4 sec, South East</td>
</tr>
<tr>
<td>Type of well</td>
<td>Bored</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Dug, driven, bored, or drilled</td>
</tr>
<tr>
<td>Water use</td>
<td>Municipal</td>
</tr>
<tr>
<td>Casing</td>
<td>ft. to ft.</td>
</tr>
<tr>
<td>Casing Type</td>
<td>Size</td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td>Ft. to Ft.</td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
</tr>
<tr>
<td>Static Water level</td>
<td>29' feet.</td>
</tr>
<tr>
<td>Shut-in pressure</td>
<td>lb./sq. In. on (date)</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>29' feet at Unkn.</td>
</tr>
<tr>
<td>How tested</td>
<td></td>
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<tr>
<td>Length of test</td>
<td></td>
</tr>
<tr>
<td>Remarks</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</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>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>20</td>
</tr>
<tr>
<td>20</td>
<td>29</td>
</tr>
</tbody>
</table>

123438

Water Well Log # 182

[Signature]

[Official Date and Signatures]
<table>
<thead>
<tr>
<th>Type of well</th>
<th>Driven (D), bored (B), or drilled (D)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use</td>
<td>Domestic: [ ]  Municipal: [ ]  Stock: [x]  Irrigation: [ ]  Industrial: [ ]  Drainage: [ ]  Other: [ ]</td>
</tr>
<tr>
<td>Casing</td>
<td>0 ft. to 113 ft. Type: [ ]  Size: [ ]</td>
</tr>
<tr>
<td>Casing</td>
<td>113 ft. to [ ] ft. Type: [ ]  Size: [ ]</td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td>X to ft.  Ft. to ft.</td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td>Slit</td>
</tr>
<tr>
<td>Static Water level, for non-flowing well</td>
<td>5.2 feet</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq. in.</td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>50 feet at</td>
</tr>
<tr>
<td>How tested:</td>
<td>[ ]</td>
</tr>
<tr>
<td>Length of test</td>
<td>85 minutes</td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td>Gravel packed</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 - 20</td>
<td>Sand</td>
</tr>
<tr>
<td>20 - 40</td>
<td>Sand and cement</td>
</tr>
<tr>
<td>40 - 80</td>
<td>Sand</td>
</tr>
<tr>
<td>80 - 117</td>
<td>Sand and cement</td>
</tr>
</tbody>
</table>

12345

Water Well Log # 179

State of Montana  
County of Missoula  
Office of Clerk and Recorder.

Filed the 27th day of December, A.D. 1961
at 2:18 o'clock P.M.

By: Deputy

Recorded.
**WATER WELL LOG**

**Owner:** Elmer Bell  
**Address:** Circle, Montana

**Driller:** Albert J. Edward Co t  
**Address:** Butte, Montana

**Date Started:** September 5, 1961  
**Date Completed:** Sept 15, 1962

**Location:** Sec. 25 T. 21 R. 47 W. 4

<table>
<thead>
<tr>
<th>Type of Well Drilled</th>
<th>Equipment Used</th>
<th>Type of well Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic □</td>
<td></td>
<td>(Domestic, house, or irrigation)</td>
</tr>
<tr>
<td>Municipal □</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stock □</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Irrigation □</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industrial □</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drainage □</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other □</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Casing:**
- **Top ft. to 155 ft.:** Type Steel  
  Size 4 in.
- **Other ft. to ft.:** Type Size

**Perforated or Screened:**
- **Ft. 124 to ft. 140:** Ft. 136 to ft. Size

**Type of Screen or Perforations:** Slots in casing

**Static Water Level:** For non-flowing well: 12 ft. from top  
Feet.

**Shut-in Pressure:** For flowing well: [lb./sq. in.]

**Pumping Water Level:** [ft.] feet at [gal. per min.]

**How Tested:** [test]

**Length of Test:** [hour]

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

---

Gravel packed water vein

---

(over)
# Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td>12</td>
<td>27</td>
<td>Yellow sandy loam</td>
</tr>
<tr>
<td></td>
<td>27</td>
<td>35</td>
<td>Yellow clay</td>
</tr>
<tr>
<td></td>
<td>35</td>
<td>50</td>
<td>Sandy loam</td>
</tr>
<tr>
<td></td>
<td>50</td>
<td>60</td>
<td>Gray clay</td>
</tr>
<tr>
<td></td>
<td>60</td>
<td>80</td>
<td>Dark sandy loam</td>
</tr>
<tr>
<td></td>
<td>80</td>
<td>122</td>
<td>Gray clay</td>
</tr>
<tr>
<td></td>
<td>122</td>
<td>133</td>
<td>Gray clay</td>
</tr>
<tr>
<td></td>
<td>133</td>
<td>143</td>
<td>Coal</td>
</tr>
<tr>
<td></td>
<td>143</td>
<td>155</td>
<td>Blue clay</td>
</tr>
</tbody>
</table>

**WATER WELL LOG No. 78**

Dec. No. 122311

State of Montana
County of M. Cone

Office of Clerk and Recorder

Filed this 16th day of October A.D. 19__

3:00 O'clock P.M.

[Signature]

Deputy
<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>2</td>
<td>Merry Bathe (Mrs.)</td>
<td>GW N</td>
<td>127415</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Mariy Herschel</td>
<td>GW N</td>
<td>166788</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Stone, Harlan A.</td>
<td>GW N</td>
<td>127486</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Mrs. Bertha Merry
   (Name of Appropriate)
   of
   (Address)
   (Town)
   County of
   State of
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   Before the 3rd Baytech day. Don't know the year.

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
   It's a deep well. Would pump all day without a moderate wind. Otherwise would pump dry.

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 water system piped to house.

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

8. The depth of water table.
   The well is 79 ft. deep. Don't know.

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.
   Bore well. 180 ft. deep. 14" pipe.

10. The estimated amount of groundwater withdrawn each year. Don't know.

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

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

Signature of Owner: Mrs. Bertha Merry
Date: Dec. 12, 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.
127015

Water Well Log # 291.

State of Missouri
County of Audrain

Office of Clerk and Recorder.

Filed this 19th day of December A.D. 1963
at 2:13 P.M. o'clock

[Signature]

[Name]

Clerk and Recorder

[Signature]

[Name]

[Date]
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Horchel Worry
Address: Circle, Montana

Driller: Boome Whitmer & Sons
Address: Wolf Point, Montana

Date of Notice of Appropriation of Groundwater: August 24, 1963
Date well started: August 17, 1963
Date well completed: August 24, 1963

Type of well: Drilled
Equipment Used: Cable Tool
(dug, driven, boxed 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>Rise of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-inch 5 TD 1½#</td>
<td></td>
<td>0</td>
<td>221</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 96 feet
Shut-in Pressure for Flowing Well
Pumping Water Level: 200 feet at 5 gal. per minute
Discharge in gal. per min. of flowing well
How Tested: Driller
Length of Test: 4 hours
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Show exact depth of bottom.

Driller's License Number
Driller's Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
HERSCHEL MERRY

TO

THE PUBLIC

State of Montana
County of McCone

Office of Clerk and Recorder.

Filed this 18th day of November, A.D. 1963
at 12:10 P.M.

[Signature]
Clerk and Recorder

Fee $2.00
DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Harlan L. Stone
321-2nd St., Sidney
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 is stock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1914 - 1936.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 0 - 10 gal per min.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1914.

8. The depth of water table: 38 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: 2 inch bored well with wood casing.

10. The estimated amount of groundwater withdrawn each year: 370,000.

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: None.

Signature of Owner: Harlan L. Stone
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.
DOG NO. 127986

WATER WELL LOG No. 335

HARLAN L. STONE

TO

THE PUBLIC

STATE OF MONTANA )
BILLE,  
COUNTY OF McCONE )

OFFICE OF COUNTY CLERK & RECORDER

Filed this 27th day of Dec. 1963, A.D.
At 9:50 o'clock a.m.

HENRY E. RIPPLE
COUNTY CLERK

FEE $2.00
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>Kelly Francis D.</td>
<td>GW 4</td>
<td>127202</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Viegale Martha</td>
<td>--</td>
<td>127203</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Stone Dudley C.</td>
<td>GP 3</td>
<td>127107</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>&quot; &quot;</td>
<td>&quot;</td>
<td>113</td>
<td>127107</td>
</tr>
</tbody>
</table>
**DECLARATION OF VESTED GROUNDWATER RIGHTS**
(Under Chapter 237, Montana Session Laws, 1961)

1. **Francis O. Kelly**
   (Name of Appropriator)
   County of **McCone**
   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 if available:

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

Signature of Owner

Date

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Water Well Log #528

Francis D. Kelly
TO
The Public

State of Montana } as
County of McCone }

OFFICE OF COUNTY CLERK & RECORDER
Filed this 2nd day of January, 1904, A. D.,
at R:\19 A. M.

[Signature]
County Clerk
Fee: $2.00
**STATE OF MONTANA**  
**ADMINISTRATOR OF GROUNDWATER CODE**  
**OFFICE OF STATE ENGINEER**  

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

1. **Marcel L. Jangle**  
   (Name of Appropriator)  
   Circle  
   (Address)  
   (Town)  
   County of **McCook**  
   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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **1918, Quarterly**

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **Well completed in 1948**

8. The depth of water table: **60 ft below the ground.**

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 1 inv. gr. pump installed.**

10. The estimated amount of groundwater withdrawn each year: **13,977.60 gal.**

11. The log of formations encountered in the drilling of each well if available: **No Record available on this well.**

12. 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 Record Available on this well.**

Signature of Owner: **Marcel L. Jangle**  
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 Appropriate.
DOC. NO.

WATER WELL LOG FILE NO. 466

MARVEL VONDELLE

TO

THE PUBLIC

STATE OF MONTANA

COUNTY OF McCOOK

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of Dec., 1963 A.D.

at 8:10 o'clock, a.m.

COUNTY CLERK

FEES: $2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner: __________________________
Address: __________________________

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: __________________________

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: __________________________

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.
127107

DOCK NO.

WATER WELL LOG FILE NO. 356

DUDLEY C. STONE

TO

THE PUBLIC

STATE OF MONTANA
COUNTY OF ROCHELLE

OFFICE OF COUNTY CLERK & RECORDER.

Filed this 27th day of Dec. 1963, A.D.
at 11:35 o'clock a.m.

[Signature]
COUNTY CLERK

FEE $ 2.00
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
Owner
Address
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. Natural Spring
Contour

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

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
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: __________________________
Owner: __________________________ Address: __________________________
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. Natural 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: __________________________

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 Receiver; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
DOC. NO.
WATER WELL LOG FILE NO. 336

DUDLEY C. STONE

TO

THE PUBLIC

STATE OF MONTANA
COUNTY OF ROCHESTER
OFFICE OF COUNTY CLERK & RECORDER
Filed this 27th day of Dec. 1963, A.D.
at 9:15 a.m.

FEE $2.00
## Groundwater Index

**County:** McCone  
**Twp.:** 80N  
**Rge.:** 23E

<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>Bureau of Land Mgmt.</td>
<td>GW-2</td>
<td>132584</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Vessey, John</td>
<td>GW-4</td>
<td>127229</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1963

Owner: Bureau of Land Management  Address: Miles City, Montana

Driller: J. E. Billmeyer  Address: Roseland, Mont.

Date of Notice of appropriation of groundwater: July 9, 1967
Date well started: July 9, 1967  Date completed: July 15, 1967

Type of well: Drilled  Equipment used: Churn drill (Churn drill, rotary or other)

Water use: Domestic  Municipal  Stock  Irrigation  Other

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Perforations</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 7/8</td>
<td>140</td>
<td>282</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>140</td>
<td>272</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 210 feet.
Shut-in Pressure for Flowing Well: 230 feet at 12 gal. per minute.
Discharge in gal. per min. of flowing well: ________

How Tested: Dieting
Length of Test: 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff)
Gravel pack from 232' to 263'

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

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

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

Driller's License Number

Driller's Signature

42.352
Water Well Log #649

State of Montana
County of McCone

Office of Clerk and Recorder.

Filed this 29th day of September, A.D. 1967
at 10:00 o'clock A.M.

[Signature]
Clerk and Recorder

By: [Signature]
Deputy

Fee $2.00
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 Watkins
   (Name of Appropriator) (Address) (Town)
   County of McCona
   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 1951

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 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
   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 1951

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
   Dug well 4 feet in diameter 35 feet deep

10. The estimated amount of groundwater withdrawn each year 25,000 gallons

11. The log of formations encountered in the drilling of each well if available Cumbo and blue clay

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 record

Signature of Owner John Watkins
Date December 31st, 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.
DOE NO. 127228

WATER WELL LOG FILE NO. 469

JOHN VEDITSA

TO

THE PUBLIC

STATE OF MONTANA

COUNTY OF MARION

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of Dec., 1969 A.D.

at 8:13 o'clock, a.m.

[Signature]

COUNTY CLERK

FEE: $2.00
<table>
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<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>9</td>
<td>Cullings John</td>
<td>GW 2</td>
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<td>Dreyer Bros, Inc.</td>
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<td>New Pac. Rg. Co.</td>
<td>GW 4</td>
<td>126917</td>
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<td>GW 3</td>
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Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1967
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: John Collins
Address: Juntowny, Montana

Driller: Frank Jones
Address: Juntowny, Montana

Date of Notice of appropriation of groundwater: 11/1/67
Date well started: 11/1/67
Date completed: 11/1/67

Type of well: Drilled
Equipment used: Cable tool
(Dig, driven, bored or drilled)
(Chisel drill, rotary or other)

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

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

Show exact depth of bottom.

Static Water Level for non-flowing well
75 feet.

Shut-In Pressure for Flowing Well
30 feet
Pumping Water Level
4 feet at
1,000 gal. per minute.

Discharge in gal. per min. of flowing well
50 gpm

How Tested: Dalled
Length of Test: 1 hour.
Remarks: (Gravel packing, cementing, packers, type of shutoff).

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

(Continues on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: December 27, 1963
Owner: Draper Bros.
Address: Circle, Montana
Contractor (if any): None
Address of Contractor: None
Date Started: Unknown
Date Completed: Unknown

Describe means of obtaining groundwater without a well “as by sub-irrigation and other natural processes”. Include depth to water when applicable. Natural flow from the surface and sub-irrigation.

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. Continuous use for livestock watering and hayland irrigation; amount of water flowing is uncertain and varies but all is used. Will positively water 6,000 plus head swes daily during peak of any dry season.

Signature of Owner: Ralph E. Draper
Date: December 27, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
Dec. No. 127133

Water Well Log #2

Drayer Bros., Inc.

To

The Public

State Of Montana
County of McCone

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of December, 1963 A. D.,
at 12:36 P. M.

[Signature]
County Clerk

Fees: $2.00
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: December 27, 1963

Owner: Dreyer Bros. Inc.
Address: Circle, Montana

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

Description of means of obtaining groundwater without a well "as by sub-irrigation and other natural processes": Natural flow from the surface and sub-irrigation, (excavations 6" to 8").

Quantity of water developed and used with explanation of method used to measure or estimate such amount: Continuous use for livestock watering and hayland irrigation; amount of water flowing is uncertain, and varies daily but all is used. Will water 5000 head every day or during peak of any dry season.

Signature of Owner: Ralph E. Hansen
Date: December 27, 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 School of Mines 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, 1981)

Date of Appropriation of Groundwater December 27, 1965
Owner. Dreyer Bros. Inc. Address: Circle, Montana
Contractor (if any) None
Address of Contractor None
Date Started Unknown 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 flow from the surface and sub-irrigation (excavations 6" to 8".)

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. Continuous use for livestock watering and hayland irrigation;

Amount of water flowing is uncertain and varies daily but all is used. Will water 6000 head cows during peak of any dry season.

Signature of Owner
Dreyer Bros. Inc.

Date December 27, 1965

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 School of Mines and Quadruplicate for the Appropriator.
Doc. No. 127132

Water Well Log No. 373

Prayer Bros., Inc.

TO

The Public

State of Montana

County of Mocoma

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of December, 1963 A.D.,

at 12135 P.M.

[Signature]

County Clerk

Fee: $2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation [Signature]

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater December 27, 1963
Owner: Drayer Bros. Inc. Address: Circle, Montana
Contractor (if any): None
Address of Contractor: None

Date Started: Unknown Date Completed: Unknown

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes", include depth to
water when applicable: Natural flow from the surface
and sub-irrigation, Springs intermittently and
continuously in present Nelson Creek Channel,
Live stream; as shown on map.

Quantity of water developed and used with explanation of meth-
od used to measure or estimate such amount. If use is intermit-
tent estimate approximate lengths of periods of use Continuous
use for livestock watering and hayland irrigation;
amount of water flowing is uncertain and varies
but all is used; all positively never more than 6,500
plus head ever daily during year of any dry
condition....

Signature of Owner: Ralph E. Drayer
Date: December 27, 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
School of Mines and Quadruplicate for the Appropriator.

36346
Doc. No. 127134

Water Well Log # 375

Dreyer Bros., Inc.

TO

The Public

State of Montana

County of McCone

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of December, 1969
A. D., at 12:37 P. M.

[Signature]
County Clerk

Fee: $2.00
### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

| **Date of Appropriation of Groundwater**: December 27, 1963 |
| **Owner**: Dwyer Bros. Inc. Address: Circle, Montana |
| **Contractor (if any)**: None |
| **Address of Contractor**: None |
| **Date Started**: Unknown | **Date Completed**: Unknown |

#### Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural flow from the surface and sub-irrigation. Spring, dennaturally and continuously in present Nelson Creek Channel as shown on map.

#### 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. Continuous use for livestock watering and hayland irrigation;

#### Amount of water flowing is uncertain and varies but all is used. Hill water 10,000 gals. during peak of any dry season. Live stream.

Signature of Owner: Dwyer Bros. Inc. 

Date: December 27, 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 School of Mines and Quadruplicate for the Appropriator.
Dec. No. 127135
Water Well Log 976
Dreyer Bros., Inc.

To
The Public

State of Montana
County of McCone

OFFICE OF COUNTY CLERK & RECORDER
Filed this 30th day of December, 1963 A.D.
at 12:30 P.M.

County Clerk

Fee: $2.00
Northern Pacific Railway Company of U.S., Office Bldg., St. Paul, Minn.

County of Ramsey State of Minnesota

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

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

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

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: None.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Completed June 20, 1959.

8. The depth of water table: 2 to 3 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: 200 feet deep - 5-inch casing.

10. The estimated amount of groundwater withdrawn each year: None.

11. The log of formations encountered in the drilling of each well if available: Yellow clay - 0-60'; 60-70'; gray clay; coal 70-75'; gray clay 73-80'; coal 90-105'; sand 109-114' (1 gal. water); gray clay 113-140'; sand 140-150' (1 gal. water); gray clay 145-150'; gray sand 150-159'; gray clay 160-170'; coal 170-203'; gray clay 205-212'; sand 212-221' (7 gal. water).

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

Northern Pacific Railway Company

Signature of Owner: By J.K. Underwood, District Supervisor, Rail. & Cult.

Date: December 12, 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 No. 72

City of Los Angeles

City of LA and Recorder.

Filed Oct. 12th day of December A.D. 1903
at $1.50

Chas. W. Keely

For $2.00