 STATE OF MONTANA  
Administrator of Groundwater Code  
Office of State Engineer  

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

STATE ENGINEER  

1. Arnold Kidwell  
   (Name of Appropriator)  
   of Golden Pile  
   Wolf Point  
   (Address)  
   (Town)  
   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: Irrigation  

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1960 May until now  

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

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

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: 1960  

8. The depth of water table: 120 ft.  

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

10. The estimated amount of groundwater withdrawn each year: 20,000 gal.  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: No record  

Signature of Owner: Arnold Kidwell  
Date: Dec 27, 1964  

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 FILE NO. 245

ARNOLD KJELOAARD

TO

THE PUBLIC

STATE OF MONTANA

COUNTY OF McCONE

OFFICE OF COUNTY CLERK & RECORDER.

Filed this 27th day of Dec. 1963 A.D.,
at 10:40 o'clock a.m.

FEE $ 2.00
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Peter Barth
Address: Wolf Point, Montana

Driller: Daniel Q. Haggarty
Address: Lindsey, Montana

Date of Notice of Appropriation of Groundwater: Dec 2, 1963

Type of well: Drilled
Equipment Used: Cable tool drill

Water Use: Domestic

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 Bored Hole</th>
<th>Nominal Weight and Diameter of Drill</th>
<th>From</th>
<th>To</th>
<th>Size of Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8&quot;</td>
<td>0.5&quot; O.D. 11#</td>
<td>0</td>
<td>158</td>
<td>1/8&quot; slots</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 12 feet.
Shut-in Pressure for Flowing Well: not applicable
Pumping Water Level: 153 feet at 5 gal. per minute.
Discharge in gal. per min. of flowing well: not applicable

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

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

Show exact depth of bottom.

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.
126844

Water Well Log # 22
McDermitt, S. P.
County of Minneola

Office of Clerk and Recorder.
Filed this 27th day of November, A.D. 1903
at 3:05 o'clock P.M.

By: 
Deputy
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>1</td>
<td>Saylor, Carl J.</td>
<td>PW2</td>
<td>123904</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Neubauer, John</td>
<td>Well Log</td>
<td>122755</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td></td>
<td></td>
<td>122374</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Loah, Leonard A.</td>
<td>G.W.</td>
<td>121866</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Kjelgaard, John</td>
<td>Well Log</td>
<td>123763</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td></td>
<td></td>
<td>123762</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

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

Owner: Carl J. Sealey
Address: Old Joplin

Date well started: 10-5-72
Date well completed: 10-11-72

Type of well: Drilled (Drill, driven, bored or drilled)
Equipment used: Rotary (Churn drill, rotary or other)

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

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Date of Title</th>
<th>Rise and Fall of Table</th>
<th>Feet (ft) X</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>(6&quot;) 6&quot; 0 198</td>
<td>6&quot; 224 204</td>
<td>6&quot; 184 174</td>
<td></td>
</tr>
</tbody>
</table>

Static water level 160 ft. Pumping water level 170 ft.

*Measured from ground level. Well developed by Drilling for 3 hours.

Power: Pump (Gravel packing, cementing, packers, type of shutoff)

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

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.

Driller's Signature
Driller's Address
LICENSE NO.
138906
WATER WELL LOG FILE #703

State of Montana
County of McCone [ss.]
Office of Clerk and Recorder.
Filed this 26th day of November, A.D. 1972
at 2:00 o'clock P.M.

[Signature]
Clerk and Recorder

By [Signature]
Deputy

Fee $2.00
<table>
<thead>
<tr>
<th>County</th>
<th>McCone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>John Neubeck</td>
</tr>
<tr>
<td>Address</td>
<td>Wolf Point, Mont.</td>
</tr>
<tr>
<td>Driller</td>
<td>Dan Haggerty</td>
</tr>
<tr>
<td>Address</td>
<td>Lindsey, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>Oct. 1, 1960</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Oct. 5, 1960</td>
</tr>
</tbody>
</table>

**Location:** Sec 5, T 25 R 46 W

**Type of Well Drilled:** Churn

**Equipment Used:** Churn drill, rotary, other

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

**Casing:**
- 0 ft. to 150 ft.
- Type Galv.
- Size 6 in.

**Perforated or Screened:**
- 130 ft. to 150 ft.
- Type

**Static Water level:** 140 feet

**Shut-in pressure:** 1 lb./sq.in.

**Pumping water level:** 145 feet at 2 gpm per min.

**How tested:** Daily use by pump

**Length of test:** Used one year

**Remarks:** Gravel packing

(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>150</td>
</tr>
<tr>
<td></td>
<td>Unknown</td>
</tr>
</tbody>
</table>

**Doc. No.:** 123355

**WATER WELL LOG FILE NO. 103:**

---

**State of Montana**

**County of McCone**

Office of Clerk and Recorder.

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

3:00 p.m.

[Signature]

[Name] Clerk and Recorder

[Signature]

[Name] Fee. Paid
### Montana Bureau of Mines and Geology

**Butte, Montana**

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1927</td>
<td>1927</td>
</tr>
</tbody>
</table>

**Owner** John Kehoebr

**Address** Wilder Block, Butte, Mont.

**Driller** Unknown

**Address** Unknown

**Type of Well** Drilled: Churn drill

**Equipment Used** Churn drill: (dug, driven, bored, or drilled)

**Water use** Domestic: Yes

**Type** Irrigation: Yes

**Type** Stock: Yes

**Casing**

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 200</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Perforated or Screened**

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Screen to Screen**

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Water Level**

- For non-flowing well: 205 ft.

**Perforation**

- For flowing well: 1 lb. per sq. in. at 100 ft.

**Pumping Water Level**

- 207 feet at 1 lb. per sq. in. (date)

**How Tested**

- Daily use by pump

**Length of Test**

- Period of time

**Remarks**

- Gravel packing

(over)
<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

**Log of Well**

**DOC. NO.:** 223354

**WATER WELL LOG FILE NO.:** 162

**State of Montana**

**County of:**

**Office of Clerk and Recorder:**

**Filed this 28th day of December at 6:00 P.M.**

**Signed:** [Signature]

**Filing Attorney:** [Signature]

**File No.:** 333
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Leonard K. Long
Address: Wolf Point, Mont.
Driller: John Mc. Derr
Address: Wolf Point, Mont.

Date of Notice of Appropriation of Groundwater: 4-4-63
Date well started: 3-29-63
Date completed: 4-30-63

Type of well: drilled
Equipment Used: rotary (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>Depth</th>
<th>Strata Met with</th>
<th>Character</th>
<th>Thickness</th>
<th>Water Rise</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 ft</td>
<td>Clay</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>36 ft</td>
<td>Clay &amp; Coal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>60 ft</td>
<td>Clay &amp; Coal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>65 ft</td>
<td>Clay</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>75 ft</td>
<td>Clay</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>79 ft</td>
<td>Clay</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>90 ft</td>
<td>Clay</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>110 ft</td>
<td>Clay &amp; Gray Clay</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>124 ft</td>
<td>Clay</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>218 ft</td>
<td>Clay</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>218 ft</td>
<td>Gray Clay</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>237 ft</td>
<td>Gray Clay</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>335 ft</td>
<td>Rock</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>335 ft</td>
<td>Rock</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>335 ft</td>
<td>Rock</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>350 ft</td>
<td>Rock</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>350 ft</td>
<td>Rock</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>350 ft</td>
<td>Rock</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>350 ft</td>
<td>Rock</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well... 315 feet.
Shut-In Pressure for Flowing Well...
Pumping Water Level... 315 feet at... 20 gal. per minute.
Discharge in gal, per min. of flowing well...
How Tested... bailed...
Length of Test...

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation). Gravel packed...
bailed 20 gal. per min. with no draw down. This was as fast as the rig could bail, at that depth.

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.
125866

Water Well log #223

State of Montana
County of McCone

Office of Clerk and Recorder.

Filed this 22nd day of April 1943.

At 9:00 o'clock A.M.

[Signature]

Clerk and Recorder
<table>
<thead>
<tr>
<th>County</th>
<th>McCone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location</td>
<td>Sec 29 - T, 46</td>
</tr>
</tbody>
</table>

**WATER WELL LOG**

- **Owner**: John Kjellgaard  
  **Address**: Wolf Point, Mont.
- **Driller**: Dar Humpary  
  **Address**: Lindsey, Mont.
- **Date Started**: July 7, 1935  
  **Date Completed**: July 10, 1935

<table>
<thead>
<tr>
<th>Type of Well Drilled</th>
<th>Equipment Used Drill</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Dig, driven, bored, or drilled)</td>
<td>(Cham, drill, rotary, other)</td>
</tr>
</tbody>
</table>

**Water use:**

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>220 ft. to</th>
<th>ft. Type</th>
<th>Steel</th>
<th>Size:</th>
<th>4.0 Inch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td>30 ft. to</td>
<td>ft. Type</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td>220 ft. to</td>
<td>ft. Type</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Perforated or Screened:**

- 220 ft. to 220 ft.

**Type of screen or perforations:**

- [ ]

**Static Water level, for non-flowing well:** 200 feet

**Water pressure, for flowing well:** None

**Pumping water level:** 200 feet at 5 gallons per minute

**Shut-off**

- [ ]

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

- Gravel packing

(over)
<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 160</td>
<td>Bentonite</td>
</tr>
<tr>
<td>160 - 220</td>
<td>Sand Rock (Water bearing sand above sand rock)</td>
</tr>
</tbody>
</table>
**WATER WELL LOG**

**County**: McCone

**Owner**: John Jorgenson
**Address**: Wolf Point, Mont.

**Driller**: Not known
**Address**: -

**Date Started**: 1927
**Date Completed**: 1927

**Location**: Sec. 31, T. 46 R. 46

---

**Type of Well**: Drilled
**Equipment Used**: Drill

**Water Use**: Domestic [ ] Municipal [ ] Stock [X] Irrigation [ ]

**Casing**: 200 ft. to 200 ft. Type: galv. Size: 4 inch

**Casing**: -
**Type**: -
**Size**: -

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

**Type of Screen or Perforations**: Perforated

**Static Water Level**: for non-flowing wells: Not known, feet

**Shut-in pressure**: for flowing wells: 12 lb/sq.in., lb/sq.in.

**Pumping water level**: 150 feet at Not known gal. per min.

**How tested**: By pumping

**Length of test**: Whenever used

**Remarks**: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Description of material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 160</td>
<td>Blue clay and Sandy loam</td>
</tr>
<tr>
<td>Sec.</td>
<td>Name of Appropriator</td>
</tr>
<tr>
<td>------</td>
<td>------------------------</td>
</tr>
<tr>
<td>1</td>
<td>Johnson John B.</td>
</tr>
<tr>
<td>2</td>
<td>Johnson Floyd</td>
</tr>
<tr>
<td>7</td>
<td>Dohl Albert Jr.</td>
</tr>
<tr>
<td>8</td>
<td>Curley Orin</td>
</tr>
<tr>
<td>30</td>
<td>FSC Start Co.</td>
</tr>
<tr>
<td>31</td>
<td></td>
</tr>
</tbody>
</table>
### Montàna Bureau of Mines and Geology

**Butte, Montana**

**Water Well Log**

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Dr. John H. Johnson, Address: Wolf Point, Montana</td>
</tr>
<tr>
<td>Driller</td>
<td>A &amp; B Drilling Co., Address: Scobey, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>Date Completed: 1953</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 2 T. 47 R. 54 S. 1 NW 1/2</td>
</tr>
<tr>
<td>Type of well</td>
<td>Dug, Drillingmachines</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic</td>
</tr>
<tr>
<td>Casing</td>
<td>30 ft. to 90 ft. Type: steel, coated, Size: 6&quot;</td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td>93 ft. to 78 ft.</td>
</tr>
<tr>
<td>Static Water level</td>
<td>5.1 feet</td>
</tr>
<tr>
<td>Shut-in pressure</td>
<td>30 lb./sq. in. on: (date)</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>65 feet at 10 gal. per min</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></td>
<td>Formation unknown, hole was drilled to 132 ft by reverse circulation machine and abandoned as a dry hole, by other drilling company.</td>
</tr>
<tr>
<td></td>
<td>We got 20 ft. in 60 1/2', hole is crooked from where down. As remeasured hole to 36' makes 30 GPM. Coming from 80 to 83.1 out of ground. Port. 83 to 76, than gravel packed.</td>
</tr>
<tr>
<td></td>
<td>Satur. static 60 to 83'</td>
</tr>
<tr>
<td></td>
<td>63 plus</td>
</tr>
<tr>
<td></td>
<td>Static water level - 55 1/2'</td>
</tr>
<tr>
<td></td>
<td>Draw down to 60' = 30 GPM.</td>
</tr>
<tr>
<td></td>
<td>Initial depth - 80 feet.</td>
</tr>
<tr>
<td></td>
<td>Used 60' of 6&quot; casing.</td>
</tr>
</tbody>
</table>

118122

City of Water

[Signature]

No fee.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1952
(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: Lloyd Johnson
Address: Wolf Point
Montana

Date well started: 10-22-71
Completed: 10-25-71

Type of well: Drilled

Equipment used: Rotary

Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

*Describe...

USE: If used for Irrigation, industrial, drainage or other, explain, state number of acres and location or other data (e.g. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Borehole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kinds of Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>9&quot;</td>
<td>6&quot;</td>
<td>0</td>
<td>105'</td>
<td>6&quot; 85' 105'</td>
</tr>
</tbody>
</table>

Static water level: 50'
Pumping water level: 85'

Power: Pump: HP
Remarks: Gravel packing, cementing, packers, type of shutoff

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature: John H. Carr
Driller's Address: Wolf Point

Derr Drilling Co.

LICENSE NO. 63

Show exact depth of bottom

Top of Ground

<table>
<thead>
<tr>
<th>Size Above Sea Level</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

49.372
138796
WATER WELL LOG FILE NO. 702
FLOYD JOHNSON
TO
THE PUBLIC

State of Montana
County of McCone 13
Office of Clerk and Recorder.
Filed this 9th day of November A.D. 1921
at 4:35 o'clock P.M.

\[Signature\]

Clerk and Recorder

Fee $2.00

[Stamp]
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: 1951
Owner: Albert J. Dahl
Address: McCone County, Montana
Contractor (if any): None
Address of Contractor: None
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. surface 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. Used

During summer months - No means available to measure actual amount of water used in gallons but during dry years, in particular, all available water is used.

Signature of Owner: Albert J. Dahl
Date: January 15, 1962

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
County of Hodson

Office of Clerk and Recorder.

Filed this 22nd day of January, A.D. 1962
at 8:10 o'clock A.M.

Clerk and Recorder

Fee $ 2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Date well started: Aug. 20, 1972
Date well completed: Aug. 20, 1972

Type of well: Drilled

Equipment used: Churn drill

Water Use: Domestic

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Bore Hole</th>
<th>Rate and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot;</td>
<td>0</td>
<td>252&quot;</td>
<td>6&quot;</td>
<td>252&quot;</td>
<td>252&quot;</td>
</tr>
</tbody>
</table>

Static water level: 75 feet
Pumping water level: 252 feet
Measured: 50 gallons per minute

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.

Each small square represents 40 acres.

Driller's Signature: ____________________________
Driller's Address: ____________________________
LICENSE NO.: 05

Show exact depth of bottom: 51.2'
State of Montana
County of McCone
Office of Clerk and Recorder.
Filed this _______ 30th ______ day of:
_______ August, _______ A. D. 1922
at ______ o'clock P. M.

Eliza L. Brennan
Clerk and Recorder

By, Mary C. Flaherty
Deputy
Fee $2.00
Form No. 1B
8-60

T. 25     R. 47
County: McDone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log


OWNER T. & S. Stock Co. Address: Wolf Point, Mont.
Driller: Bob Thomas Address: Wolf Point, Mont.
Date Started: 2-10-44 Date Completed: 2-15-44
Location: Sec. 30 T. 25 R. 47 Sec. not set

Type of well: Dug Equipment used: Pick & shovel
(Dug, driven, or drilled) (Churn, drill, rotary, other)

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

Casing: 0 ft. to 33 ft. Type: concrete Size: 4 ft. round
Casing: 33 ft. to 36 ft. Type: steel Size:
Casing: ______ ft. to ______ ft. Type: ______ Size:

Perforated or screened: Ft. 23 to ft. 36. Ft. ______ to ft. ______

Type of screen or perforations: 5/8" round holes
Static water level, for non-flowing well: ______ feet.
Shut-in pressure, for flowing well: ______ lb./sq. in. cm. ______ (date)

Pumping water level: ______ feet at 5 ______ gal. per min.

How tested: plunger type pump

Length of test: ______ hrs.

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

(over)
<table>
<thead>
<tr>
<th>Depth</th>
<th>Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>20</td>
<td>Sandy loam soil</td>
</tr>
<tr>
<td>20</td>
<td>33</td>
<td>Sand</td>
</tr>
<tr>
<td>33</td>
<td>36</td>
<td>Gravel- Med. coarse</td>
</tr>
</tbody>
</table>

123382

Water Well Log # 126

State of Montana
County of McCone
Office of Clerk and Recorder
Filed this 29th day of December A.D. 1961 at 12:50 o'clock P.M.

[Signature]
Chief of Recorder

By
Feo. Name Deputy
Form No. 18

8-60

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

OWNER
T.A.B. Stock Co.
Address: Wolf Point, Mont.

Driller: Bob Thomas
Address: Wolf Point, Mont.

Date Started: 1-3-125
Date Completed: 3-8-125

Location: Sec. 30 T. 25 R. 67 W. 1 Sec. 24 e.

Type of well: Dug
Equipment used: pick & shovel

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

Industrial [ ] Drainage [ ] Other [ ]

Casing: 0 ft. to 32 ft. Type: wood Size: 5x5 sq.

Casing: 32 ft. to 37 ft. Type: steel Size: 5' round

Perforated or screened: Ft. 36 to ft. 37 Ft. to ft.

Type of screen or perforations: 5/32 round holes

Static water level, for non-flowing well: 32 ft.

Shut-in pressure, for flowing well: _lb./sq. in. on: (Date)

Pumping water level: 31 feet at 7 gal. per min.

How tested: plunger type pump

Length of test: 6 hrs.

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

(over)
<table>
<thead>
<tr>
<th>Depth</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>20</td>
<td>Sandy loam soil</td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>32</td>
<td>Sand</td>
</tr>
<tr>
<td></td>
<td>32</td>
<td>37</td>
<td>Gravel - Med. coarse</td>
</tr>
</tbody>
</table>

Water Well Log # 127

State of Montana
County of McCone
Office of Clerk and Recorder
Filed this 29th day of December, A.D., 1951
at 12:55 o'clock p.m.

Cheryl ANDRE

Fees: None
<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>County</td>
<td>Montana</td>
</tr>
<tr>
<td>Date Received</td>
<td>JAN 4, 1962</td>
</tr>
<tr>
<td>Water Well Log</td>
<td></td>
</tr>
<tr>
<td>Owner</td>
<td>B &amp; S Stock Co.</td>
</tr>
<tr>
<td>Address</td>
<td>Wolf Point, Mont.</td>
</tr>
<tr>
<td>Driller</td>
<td>Bob Thomas</td>
</tr>
<tr>
<td>Address</td>
<td>Wolf Point, Mont.</td>
</tr>
<tr>
<td>Date Started</td>
<td>6-21-71</td>
</tr>
<tr>
<td>Date Completed</td>
<td>7-25-71</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 31 T. 25 R. 47, Sec. 36 T. 25 R. 47</td>
</tr>
<tr>
<td>Type of Well</td>
<td>Dug</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Pick A shovel</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic, Stock, Irrigation</td>
</tr>
<tr>
<td>Casing: 0 ft. to 31 ft.</td>
<td>Type: Concrete, Size: 6 in. round</td>
</tr>
<tr>
<td>Casing: 31 ft. to 36 ft.</td>
<td>Type: 6 in., Size:</td>
</tr>
<tr>
<td>Casing: 36 ft. to 42 ft.</td>
<td>Type: 6 in., Size:</td>
</tr>
<tr>
<td>Perforated or screened: Ft. 50 to Ft. 56</td>
<td>Type:</td>
</tr>
<tr>
<td>Perforated or perforations</td>
<td>5/8 round holes</td>
</tr>
<tr>
<td>Static water level, for non-flowing well:</td>
<td>32 feet</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq. in. on:</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>33 feet at 6 gal. per min.</td>
</tr>
<tr>
<td>How tested</td>
<td>Plunger pump</td>
</tr>
<tr>
<td>Length of test</td>
<td>3 hrs.</td>
</tr>
<tr>
<td>Remarks</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth</th>
<th>From To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>20</td>
<td>Sandy loam soil</td>
</tr>
<tr>
<td>20</td>
<td>32</td>
<td>Sand</td>
</tr>
<tr>
<td>32</td>
<td>36</td>
<td>Gravel &amp; sand</td>
</tr>
</tbody>
</table>

Water Well Log # 128

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

Filed this 32nd day of December, A.D. 1961 at 1:00 o'clock P.M.

[Signature]

Deputy
### GROUNDWATER INDEX

**County:** M. CONE  
**Twp.:** 25N  
**Age.:** NFE

<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>
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<tbody>
<tr>
<td>10</td>
<td>Schumacher, Fred</td>
<td>GW2</td>
<td>125782</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>&quot;</td>
<td>GW H</td>
<td>126793</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Schum, Chris</td>
<td></td>
<td>187156</td>
<td></td>
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<tr>
<td>24</td>
<td>Beck, Martin J.</td>
<td>Well Log</td>
<td>183407</td>
<td></td>
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<tr>
<td>24</td>
<td>&quot;</td>
<td>&quot;</td>
<td>183409</td>
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<td>29</td>
<td>Hubbard, George</td>
<td>GW3</td>
<td>187322</td>
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<td>Well Log</td>
<td>179556</td>
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<td>29</td>
<td>Bell, John</td>
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<tr>
<td>29</td>
<td>&quot;</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>29</td>
<td>&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** Fred Schima
c
**Address:** Wolf Point, Montana

**Driller:** Boone Schima & Son
c
**Address:** Wolf Point, Montana

**Date of Notice of Appropriation of Groundwater:** May 15, 1963

**Date Well Started:** May 14, 1963
**Date Completed:** May 15, 1963

**Type of Well:** Drilled
**Equipment Used:** Cable Tool

**Water Use:** Stock

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

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

**Show exact depth of bottom.**

- **Static Water Level for non-flowing Well:** 10 feet
- **Shut-In Pressure for Flowing Well:**
- **Pumping Water Level:** 65 feet at 5 gal. per minute.
- **Discharge in gal. per min. of flowing well:**
- **How Tested:**
- **Length of Test:** 3 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)

**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 Quaduplicate for the Appropriator.
WATER WELL LOG FILE NO. 287

FRED SCHUMACHER

TO

THE PUBLIC

STATE OF MONTANA )
COUNTY OF McCONE ) SS.

OFFICE OF CLERK AND RECORDER,

Filed this 16th day of December 1963
at 11:35 o'clock a.m.

FEE $ 2.00

FRED SCHUMACHER
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Fred Schumacher
   (Name of Appropriator)
   of:                   Wolf Point, Montana
   (Address)
   County:               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:
      Domestic use

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: April 20, 1951
      used continuously

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

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

   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: April 17, 1951 to April 20, 1951

   8. The depth of water table: 32 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-inch ID size 72-foot depth
      25# Pipe

   10. The estimated amount of groundwater withdrawn each year: 730,000

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

   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including Driller's record: Schumacher

Signature of Owner: Fred Schumacher
Date: Dec 16, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
126983

WATER WELL LOG FILE NO. 283

FRED SCHUMACHER

TO

THE PUBLIC

STATE OF MONTANA )
SS.
COUNTY OF MCCONE )

OFFICE OF CLERK AND RECORDER.

Filed this 16th day of December 1963
at 11:30 o'clock a.m.

[Signature]

Clark & Recorder

FEE $ 2.00
State of Montana

Declaration of Vested Groundwater Rights

(State of Montana)

Title: Declaration of Vested Groundwater Rights

Name of Approprietor: Chris Schrock

Address: Wolf Point

Town: Mccomas

County: McCone

State of Montana

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

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

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

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

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

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

6. The depth of water table:

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: 80 ft

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

10. The estimated amount of groundwater withdrawn each year: 450,000

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

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

Signature of Owner: Chris Schrock

Date: Dec 30

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

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

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

36368
I, ROC. NO. 127156.

FILE NO. 397.

CHRIS SCHUCK

TO

THE PUBLIC

STATE OF MONTANA}

COUNTY OF McCOY

OFFICE OF COUNTY CLERK & REORDER

Filed this 30th day of Dec., 1963 A.D.
at 12:59 o'clock p.m.

COUNTY CLERK

Fee $2.00
<table>
<thead>
<tr>
<th>County</th>
<th>T 25 R 48</th>
</tr>
</thead>
</table>

**MONTANA BUREAU OF MINES AND GEOLOGY**

Butte, Montana

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner</th>
<th>Martindale Bros. Address: Nellieville, Mont.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>By O'Neill Address:</td>
</tr>
</tbody>
</table>

Date Started: 1952  Date Completed: 1952

Location: Sec. 24 T 25 R 41 & Sec. 15 E 5 W

Type of Well: Dug  Equipment Used: Churn drill, potary, others

Water use: Domestic [x]  Municipal [ ]  Stock [ ]  Irrigation [ ]

Industrial [ ]  Drainage [ ]  Other: [ ]

Casing: 0 ft. to 15 ft. Type: tile  Size: 2 in.

Casing: 15 ft. to 30 ft. Type:            Size:            

Casing: 30 ft. to 45 ft. Type:            Size:            

Perforated or Screened: 0 ft. to 15 ft. 13 Ft. to ft.

Type of screen or perforations: perforated

Static water level, for non-flowing well: feet

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

Pumping water level: 2 feet at: gal. per min.

How tested: By pumping

Length of test: minutes

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) No packing

(over)
<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 10</td>
<td>Sandy sand</td>
</tr>
<tr>
<td>10 - 15</td>
<td>Sandy almost block of gravel</td>
</tr>
<tr>
<td></td>
<td>Hard clay-laden silt</td>
</tr>
</tbody>
</table>

Log of Well

Water Well Log # 152

1234CS

State of Montana 1st.  
County of H.Cone 1st.  
Office of Clerk and Recorder.  
Filed this 24th day of December, A.D. 1961  
at 2:14 P.M.  
By: Deputy

Fax: Done
T. 25 R. 18

County: 

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana
STATE ENGINEER

WATER WELL LOG

Owner: Martin; Address: Helena, Mont.
Driller: Tumlin; Address: Helena
Date Started: Jan. 4, 1962; Date Completed: Jan. 4, 1962
Location: Sec. 24, T. 25 R. 18 S. 4 Sec. N.E.S.W.

Type of Well: Bore; Equipment Used: Churn drill

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

Casing: 0 ft. to 6.5 ft. Type [ ] Size [ ] ft.
Casing: ft. to ft. Type [ ] Size [ ] ft.
Casing: ft. to ft. Type [ ] Size [ ] ft.
Perforated or Screened: Ft. to Ft. to Ft. to Ft.

Type of screen or perforations:

Static water level, for non-flowing well: 2.3 feet

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

Pumping water level: 2.3 feet at gal. per min.

How tested: By pumping-Quick sand, obstacle, flow

Length of test: Permanent pumping

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

No packing of any kind

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-4</td>
<td>SandyLoam</td>
</tr>
<tr>
<td>4-6.5</td>
<td>Waterbearing Gravel and sand</td>
</tr>
</tbody>
</table>

Log of Well

Water Well Log #153

State of Montana

County of

Filed this 29th day of December, A.D. 1901

Deputy

Fee—None
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: George Hubbs
Address: Bozeman, MT

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.

Plenty for 200 head

Cattle

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

Signature of Owner: George Hubbs
Date: 12-28-63

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 Approprietor.
TO

THE PUBLIC

STATE OF MONTANA

COUNTY OF McCONE

OFFICE OF COUNTY CLERK & RECORDER

Filed this 3rd day of Jan., 1964 A.D.

at 9:15 o'clock, a.m.

[Signature]
COUNTY CLERK

FEB: 22.00
<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment use</th>
<th>Tool for drilling machine</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use:</td>
<td>Domestic</td>
<td>Municipal</td>
<td>Stock</td>
</tr>
<tr>
<td>Industrial</td>
<td></td>
<td>Rainage</td>
<td>Other</td>
</tr>
<tr>
<td>Casing:</td>
<td></td>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>30 feet.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb/sq. In. on: (date)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pumping water level for</td>
<td>feet at gal. per min.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>How tested:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>37</td>
<td>brown clay</td>
</tr>
<tr>
<td>37</td>
<td>43</td>
<td>gray shale</td>
</tr>
<tr>
<td>43</td>
<td>100</td>
<td>coal in liquids</td>
</tr>
<tr>
<td>70</td>
<td>70</td>
<td>light gray shale</td>
</tr>
<tr>
<td>70</td>
<td></td>
<td>total depth</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Draw down = all</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Perf. 13 to 100</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Shot coal w/3 sticks of 10 % powder</td>
</tr>
</tbody>
</table>

#11796

H. C. M. M. & C. Company

Survey of Clerk and Recorder.
Field this 30th October 1938.
S. J. M. & C. Company.

H. C. M. M. & C. Company.

H. C. M. M. & C. Company.
<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>10</td>
<td>Heaton, Lee</td>
<td>GW3</td>
<td>123502</td>
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<tr>
<td>13</td>
<td></td>
<td>Well Aug.</td>
<td>123502</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td></td>
<td></td>
<td>123555</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Heaton, Paul L.</td>
<td>GW2</td>
<td>133307</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1920
Owner: Leo Zdenek
Address: Under Bank
Contractor (if any): None
Address of Contractor:
Date Started: 1920
Date Completed: 1920

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

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

Signature of Owner: Leo Zdenek
Date: March 13, 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.
Form No. 18
8-60

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

T. 25 R. 49
County McCone

Owner Leo Hesser
Address Vida, Montana
Driller Dan Eggerty
Address Lindsey
Date Started November 1st, 1960
Date Completed November 15, 1960
Location: Sec. 15 T. 25 R. 49 4 sec. W5/16

Type of well Drilled
Equipment used Casing
(Dug, driven, or drilled) (Drill, rotary, other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

Casing: 0 ft. to 50 ft. Type 6 inch heavy duty casing
Casing: ft. to ft. Type Size
Casing: ft. to ft. Type Size
Perforated or screened: Ft. to ft. perforated bottom 20 feet
Perforated or screened: Ft. to ft. small holes drilled in casing

Static water level, for non-flowing well: 65 feet.
Shut-in pressure, for flowing well: lb./sq. in. on:

Pumping water, level 80 feet at six gal. per min.
How tested: Drilling machine
Length of test four hours
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Gravel packed

(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>18'</td>
</tr>
<tr>
<td>18'</td>
<td>27'</td>
</tr>
<tr>
<td>27'</td>
<td>47'</td>
</tr>
<tr>
<td>47'</td>
<td>50'</td>
</tr>
<tr>
<td>50'</td>
<td>52'</td>
</tr>
<tr>
<td>52'</td>
<td>65'</td>
</tr>
<tr>
<td>65'</td>
<td>66'</td>
</tr>
<tr>
<td>66'</td>
<td>90'</td>
</tr>
</tbody>
</table>

WATER WELL LOG FILE NO. 100

Filed this 28th day of December A. D. 1961

County of Clark and Recorder

By:  Clerk and Recorder

Notary
Form No. 18
8-60

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leo Basar</td>
<td>Yida, Montana</td>
</tr>
<tr>
<td>Nick Basar</td>
<td>Half-Point, Montana</td>
</tr>
</tbody>
</table>

Date Started: July 1st, 1945
Date Completed: July 30, 1945
Location: Sec. 25 T. 95 R. 49 ½ sec. W1/2

Type of well: **Dug**
Equipment used: **Horse Drilling auger**

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

Casing: 0 ft. to 70 ft. Type **Dug** Size 18 in.

Perforated or screened: Ft. 0 to ft. 25. Ft. 0 to ft.

Type of screen or perforations: **Tiled**

Static water level, for non-flowing well: 65 feet.
Shut-in pressure, for flowing well: 1 lb./sq. in. on: (date)

Pumping water level: 70 feet at 1 gal. per min.

How tested: **With well machine**
Length of test: 4 hours

Remarks: Gravel packed
### 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>18</td>
</tr>
<tr>
<td>18</td>
<td>27</td>
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<td>27</td>
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<td>52</td>
</tr>
<tr>
<td>52</td>
<td>63</td>
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<td>63</td>
<td>72</td>
</tr>
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</table>

DOE. NO. 123353

WATER WELL LOG FILE NO. 101

State of Montana
County of McCone

Deed of Clerk and Recorder.

Filed this 28th day of December, A.D. 1961

2:37 o'clock, P.M.

Deputy

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

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: John D. Hunter  Address: 214 Main Street

Driller: William D. Dilling  Address: 5th and Main Street

Date of Notice of appropriation of groundwater: 9-15-67

Date well started: 9-19-67  Date completed: 9-20-67

Type of well: Dug  Equipment used: Diving Bell

Water use: Domestic  Municipal  Stock  Irrigation

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Site and Weight of Cutting</th>
<th>Front</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 1/2&quot; x 90'</td>
<td>4&quot; I.D.</td>
<td>6'74.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 1/2&quot; x 90'</td>
<td>4&quot; I.D.</td>
<td>6'74.9</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 1/2&quot; x 90'</td>
<td>4&quot; I.D.</td>
<td>6'74.9</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for flowing well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested: Autopulse

Length of Test: 11

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff, flowmeter information)

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

acres.

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

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

Lloyd V. Carson

Driller's Signature

42, 6, 53
Water Well Log #653

County of Montana

Office of Clerk and Recorder.

Filed this 21st day of December, A.D. 1967
at 2:35 o'clock P.M.

Libby C. Nelsen
Clerk and Recorder

Fees $2.00
**GROUNDWATER INDEX**

**County:** McCone  | **Twp.:** 25N  | **Rge.:** 9E

<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>
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<tbody>
<tr>
<td>2</td>
<td>De jego, Joseph</td>
<td>GW H</td>
<td>12709</td>
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<td>Chessy, W. W.</td>
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<tr>
<td>4</td>
<td>Denso. George E.</td>
<td>H</td>
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<td>11</td>
<td>Letting, Lloyd L.</td>
<td>GW H</td>
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<td>12</td>
<td>&quot;</td>
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<td>21</td>
<td>Richard Lawrence</td>
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<td>22</td>
<td>Davis, Floyd W.</td>
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<tr>
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<td>Wilkiss, Dayton</td>
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<td>23</td>
<td>Nunnally, Gilbert</td>
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<tr>
<td>26</td>
<td>Waters, Ed.</td>
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<td></td>
</tr>
<tr>
<td>27</td>
<td>Richard Lee</td>
<td>H</td>
<td>127020</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Doss, Clarence W.</td>
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<td>29</td>
<td>Richard, Armand</td>
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<td>Wells, Joseph</td>
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<tr>
<td>31</td>
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<td>32</td>
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<tr>
<td>33</td>
<td>&quot;</td>
<td>GW H</td>
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<td>44</td>
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<td>H</td>
<td>127024</td>
<td></td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Joseph Doornak
   (Name of Appropriator)
   [Address]
   [Town]

   County of
   Montana

   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:
      Wall No. 1, Household and Stock Water
      Wall No. 2, Household and Stock Water

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
      Wall No. 1, 1958, Continuous
      Wall No. 2, 1915, Continuous

   4. The amount of groundwater claimed (in miner's inches or gallons per minute):
      Wall No. 1, 10 gallons per minute, approximately
      Wall No. 2, 10 gallons per minute, approximately

   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:
      Wall No. 1, Electric Pump
      Wall No. 2, Windmill

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
      Wall No. 1, 1958, Steel Casing, 5'
      Wall No. 2, 1915, Steel Casing, 5'

   8. The depth of water table:
      Wall No. 1, 240 feet deep
      Wall No. 2, 230 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:
      Wall No. 1, 1958, Steel Casing, 5'
      Wall No. 2, 1915, Steel Casing, 5'

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

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

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

   Signature of Owner: [Signature]

   Date: December 30th, 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.
Doc. No. 127249

Water Well Log # 490

Joseph Doornak

TO
The Public

State of Montana
County of McCona

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of December, 1963 A.D.,
at 8:33 A.M.

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)

(Name of Appropriator)
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..._____

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.