<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 24</td>
<td>hard gumbo</td>
</tr>
<tr>
<td>24 - 41</td>
<td>gravel with water</td>
</tr>
</tbody>
</table>
## WATER WELL LOG

**Owner:** Franklin Peterson  
**Address:** Glendive, Montana  
**Driller:** Robert W. Haggerty  
**Address:** Box 73, Glendive, Mont.  
**Date Started:** Aug. 18, 1960  
**Date Completed:** Aug. 22, 1960  
**Location:** Sec. 27, T. 16, R. 55, 1/4 sec., Lot 1, Block 2

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Drilled</th>
<th>Equipment Used</th>
<th>Churn drill</th>
</tr>
</thead>
</table>

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

**Casing:** 0 ft. to 97 ft.  
Type: Steel  
Size: ⅜ in.  

**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:** 93  
**feet.**  

**Shut-in pressure, for flowing well:** 15 lb./sq. in. on:  
(date)  

**Pumping water level:** 98  
**feet at:** 15 gal. per min.  

**How tested:** Bailed 2 hrs at 15 gal. per minute  

**Length of test:** 2 days pumped at 8 gal. per minute.  

**Remarks:**  
**Water shut off at 60 ft.**  
**Casing drove through water.**  

---

(over)
<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>12</td>
</tr>
<tr>
<td>12</td>
<td>23</td>
</tr>
<tr>
<td>23</td>
<td>55</td>
</tr>
<tr>
<td>55</td>
<td>98</td>
</tr>
<tr>
<td>98</td>
<td>117</td>
</tr>
</tbody>
</table>
Form No. 18
8-60

T. 16  R. 55
County  DAWSON

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Franklin Peterson</th>
<th>Address Glendive, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Robert W. Haggerty</td>
<td>Address Box 73 Glendive, Mont.</td>
</tr>
<tr>
<td>Date Started</td>
<td>August 18, 1960</td>
<td>Date Completed Aug. 22, 1960</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 27 T. 16 R. 55</td>
<td>sec. Lot 1 Block 2</td>
</tr>
</tbody>
</table>

Type of well Drilled: **Churn drill**

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

<table>
<thead>
<tr>
<th>Casing: 0 ft. to 97 ft.</th>
<th>Type Steel</th>
<th>Size 4&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing: ft. to ft.</td>
<td>Type Size</td>
<td></td>
</tr>
<tr>
<td>Casing: ft. to ft.</td>
<td>Type Size</td>
<td></td>
</tr>
</tbody>
</table>

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

Type of screen or perforations

Static Water level, for non-flowing well: 93' feet.

Shut-in pressure, for flowing well: 1 lb./sq. in. on:

Pumping water level 98' feet at 15 gal. per min.

How tested: Bailed 2 hours at 15 gal. per minute.

Length of test 2 days pumped at 8 gal. per minute.

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

- Water shut off at 60 ft.
- Casing drove through water.

(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></td>
<td>0</td>
<td>12</td>
<td>Yellow clay</td>
</tr>
<tr>
<td></td>
<td>12</td>
<td>23</td>
<td>Gravel</td>
</tr>
<tr>
<td></td>
<td>23</td>
<td>55</td>
<td>Sand 2 gal. per min.</td>
</tr>
<tr>
<td></td>
<td>55</td>
<td>98</td>
<td>Gray clay</td>
</tr>
<tr>
<td></td>
<td>98</td>
<td>117</td>
<td>Sand rock. 15 gal. per min.</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. Donald L. Pulse, of west Glendive, Mont.
   (Name of Appropriator) (Address) (Town)

   County of Dawson 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:
   - House hold use
   - Lawn and Garden Watering
   - Continuous

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1956
   - Well has been
   - Continuous

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

5. If used for irrigation, give the exact 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:
   - Jet Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   - 1956

8. The depth of water table:
   - 45 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   - Drilled well 100 feet deep with 6" casing

10. The estimated amount of groundwater withdrawn each year:
    - 300,000 gallons

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

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

Signature of Owner: Donald L. Pulse
Date: 12-16-63

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

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

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

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

Owner: "McNally"
Address: "Helena, Mont."

Driller: "C. H. Starr"
Address: "Box 1183-12th St.,

Date of Notice of appropriation of groundwater: ________________
Date well started: ________________ Date completed: ________________

Type of well: [ ] Dug, [ ] Driven, [ ] bored or drilled
(Dig, Drive, 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.

<table>
<thead>
<tr>
<th>Site of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>PERFORATIONS</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well ________________ feet.
Shut-in Pressure for Flowing Well
Pumping Water Level ________________ feet at ________________ gal. per minute.
Discharge in gal. per min. of flowing well ________________ gal. per min.

How Tested: [ ] Bailer
Length of Test: ________________ hrs.
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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 Addition).

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, tissue copy to be retained by driller.

Please answer all questions, if not applicable, so state, otherwise the form will be returned.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 207, Montana Session Laws, 1961)

1. Walter A. & Margaret E. Reinart, of 1228 N. Marion St., Helena
   (Name of Appropriator) (Address) (Town)
   County of Lewis & Clark, State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May 1954.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 20 gal./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: 2 acres, N.W. 1/4 Sec. 27. The above owner is Walter A. & Margaret E. Reinart.

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: May 1964.

   8. The depth of water table: 50 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: Drilled well with screen casing.

   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: Not available.

Signature of Owner: Margaret E. Reinart
Date: June 15, 1963

Three copies to be filled 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

<table>
<thead>
<tr>
<th>Owner</th>
<th>School District #1</th>
<th>Address</th>
<th>Owner Address</th>
<th>Owner City</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Ira C. Bond</th>
<th>Address</th>
<th>Bond Address</th>
<th>Bond City</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
<th>Location: Sec.</th>
<th>T.</th>
<th>R.</th>
<th>Sec.</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 29, 1957</td>
<td>June 19, 1957</td>
<td>27</td>
<td>16</td>
<td>25</td>
<td>4</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Industrial</th>
<th>Drainage</th>
<th>Other: Public school</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Top of ground</th>
<th>ft.</th>
<th>Type</th>
<th>Steel</th>
<th>Size</th>
<th>10&quot; casing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Top of ground</th>
<th>ft.</th>
<th>Type</th>
<th>Steel 78C</th>
<th>Size</th>
<th>8&quot; casing</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Top to</th>
<th>ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Slotted</th>
<th>175'</th>
<th>ft.</th>
<th>203'</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of perforations</th>
<th>One inch slots</th>
<th>(\frac{3}{16})</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>125 feet</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
<th>(\frac{3}{4}) lb/sq. in. on:</th>
<th>(date)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pumping water level:</th>
<th>165 feet</th>
<th>feet at</th>
<th>75 gal. per min.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
<th>Sublette laboratory Jackson pump</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length of test:</th>
<th>2 weeks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set 10 inch surface casing, grouted with bentonite and clay, to shut off surface water and gravel.</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
<tr>
<td>Depth, feet</td>
</tr>
<tr>
<td>------------</td>
</tr>
<tr>
<td>From</td>
</tr>
<tr>
<td>0</td>
</tr>
<tr>
<td>12</td>
</tr>
<tr>
<td>30</td>
</tr>
<tr>
<td>65</td>
</tr>
<tr>
<td>97</td>
</tr>
<tr>
<td>104</td>
</tr>
<tr>
<td>144</td>
</tr>
<tr>
<td>145</td>
</tr>
<tr>
<td>164</td>
</tr>
<tr>
<td>168</td>
</tr>
<tr>
<td>207</td>
</tr>
</tbody>
</table>
## Declaration of Vested Groundwater Rights

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER RIGHTS**

**OFFICE OF STATE ENGINEER**

### DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws 1961)

**STATE ENGINEER**

<table>
<thead>
<tr>
<th>Original</th>
<th>County</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>NAME OF APPROPRIATOR</th>
<th>ADDRESS</th>
<th>TOWN</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shell Oil Company</td>
<td>P. O. Box 2547</td>
<td>Billings</td>
</tr>
<tr>
<td><strong>YELLOWSTONE</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>STATE OF MONTANA</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

County of Montana have appropriated ground water according to the Montana laws in effect prior to January 1, 1962 as follows:

1. **Industrial & Domestic**

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

3. Date of approximate date of earliest beneficial use;
   and how continuous the use has been:
   May 17, 1956

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
   No gauge

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

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

7. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of ground water:
   Started May 18, 1956; Completed May 17, 1956

8. The depth of water table:
   30' +

9. So far as it may be available, the type, size and depth of each well or the general specification of any other works for the withdrawal of groundwater:
   ID 13' 5-1/2' sq at 13' Parts 97-117

10. The estimated amount of groundwater withdrawn each year:
    **No Est. Made**

11. The loss of formation encountered in the drilling of each well if available:
    0-13 gravel 13-37 wet gravel 37-62 Shale 62-117 Shale, gneiss to bottom

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

**Signature of Owner**

Shell Oil Company

Late February 2, 1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Approprietor.
STATE OF MONTANA
County of Yellowstone

having first been duly sworn, depose

and say A. Anderson be of lawful age and

the appropriate

and claimant of the order and water right mentioned

for the foregoing declaration of vested groundwater rights and the person

whose name is subscribed thereto, as the appropriate

and claimant is, that he know persons

contents of said foregoing notice and that the matters and things therewith stated

as true.

Subscribed and sworn to before me, this 2nd day of February 1962

Margaret W. Black
Notary Public for the State of Montana

Residing at Billings, Montana
My Commission expires 30 March 1962

278344

STATE OF MONTANA
County of Dawson

Filed for record this 9th day of 2nd A. D. 1962, at
2:00 o'clock P.M.

Gordon W. Russell
County Clerk and Recorder.

By Alice Austin Deputy.
# MONTANA BUREAU OF MINES AND GEOLOGY
## Butte, Montana

**WATER WELL LOG**

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

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 137 ft.</th>
<th>Type</th>
<th>Size</th>
<th>5-1/2&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td></td>
<td>Type</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td></td>
<td>Type</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Perforated or Screened: 97 ft. to 117 ft. | Type of screen or perforations | Torch perforated |

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

| Pumping water level feet at gal. per min: |
| Length of test:                           |

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

*Note: The log is continued on the back.*
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 33</td>
<td>Dry gravel</td>
</tr>
<tr>
<td>33 - 37</td>
<td>Wet gravel</td>
</tr>
<tr>
<td>37 - 62</td>
<td>Shale</td>
</tr>
<tr>
<td>62 - 117</td>
<td>Water sand</td>
</tr>
<tr>
<td>117 - 137</td>
<td>Gumbo</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner: Jane Jumper
Address: Box 211, Mont.

Driller: C. J. Starr
Address: Box 118-324.

Date of Notice of appropriation of groundwater: 

Date well started... 9-29 DATE COMPLETED 10-6-69

Type of well: Drilled

Equipment used: Cabled

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole (Feet)</th>
<th>Size and Weight of Casing (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 1/2</td>
<td>4</td>
<td>0</td>
<td>139</td>
<td></td>
</tr>
<tr>
<td>4 1/2</td>
<td>11</td>
<td>139</td>
<td>139</td>
<td></td>
</tr>
<tr>
<td>3 1/2</td>
<td>11</td>
<td>139</td>
<td>139</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level 125 feet at 12 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: Bailed

Length of Test

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

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

(Continue 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).

AMOUNT TO STATE

[Signature]

Driller's Signature

5925
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

THOMAS G. TAHANSON
(Name of Appropriator)

of HIGHLAND PARK ROAD

GLENHIVE
(Address)

DREWSON
(Town)

County of DREWSON
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. HOME AND LAWN USE AND GARDEN AND TREES

2. Date or approximate date of earliest beneficial use; and how continuous the use has been. MAY 31, 1960
CONTINUES SINCE AUGUST 31, 1960

3. The amount of groundwater claimed (in miner's inches or gallons per minute). NO GAL PER MIN.

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

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. PUMP IN BASEMENT.

6. The depth of water table 57 FEET

7. 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 IS 70' DEEP

8. The estimated amount of groundwater withdrawn each year 0 GAL

9. The depth of water table 57 FEET

10. The log of formations encountered in the drilling of each well if available. 4'-12' GUMBO
    12'-22' GRavel 22'-5' C Lip 5'-10' SAND

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

Signature of Owner: [Signature]

Date: Dec. 19, 1963

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

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

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

Filed for record this 10th day of December A. D. 1987, at 9:30 o'clock A.M.

Harlan A. Russell
County Clerk and Recorder.

By: Joyce Schindler
Deputy.

Fee Paid $2.00
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AND FILLED OUT JANUARY 1, 1962**

(Under Chapter 25, Montana Session Laws, 1961)

**Owner:**

**Address:**

**Driller:**

**Address:**

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

**Date well started:**

**Date well completed:**

**Type of well:**

**Equipment used:**

**Water use:**

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Rise and Weight of Column (Foot)</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>6&quot; ID</td>
<td>C</td>
<td>42</td>
<td>8&quot;</td>
</tr>
<tr>
<td>5 5/8&quot;</td>
<td>4&quot; ID</td>
<td>40</td>
<td>53</td>
<td>40</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
- Length of Test
- Remarks: (Gravel packing, cementing, packers, type of shut-off)

**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).

**Driller's License Number:**

**Driller's Signature:**

**File No.:**

**State Publishing Co., Helena, Montana—45642**

**Duplicate**

**RECEIVED JUL 24 1966**

**Administrative Secretary:**

**Montana Water Resources Board**

**County, Accused:**

**File No.**

**File No.**

**Number of Acres:**

**Remarks:**

**Remarks:**

**Remarks:**

**Remarks:**

**Remarks:**

**Remarks:**

**Remarks:**

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

1. Helen Betch, of W. F. Rd, Glendive
   (Address)

   County of Dawson, State of Montana

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

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: well was drilled approximately 1941 and has been used continuously since.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 50 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: jet pump.

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

   8. The depth of water table: approximately 50 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: well has 5-in. casing and is approximately 67 ft. deep.

   10. The estimated amount of groundwater withdrawn each year: 55,000 gallons.

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

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

   Signature of Owner: Helen Betch
   Date: 12/30/63

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

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

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

Filed for record this 21st day of
December A. D. 1913, at
4:39 o'clock P.M.

H. D. Russell
County Clerk and Recorder.

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

Owner: Millard Kent
Address: Sandale

Driller: Millard Kent
Date of Notice of Appropriation of Groundwater: 1-14-64
Date well started: 2-15-64
Date well completed: 2-15-64
Type of well: Drilled
Equipment Used: Rotary
Water Use: Domestic

Top of Ground
(Elev. above sea level)

<table>
<thead>
<tr>
<th>Strata</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-3 Sand and gravel</td>
<td></td>
</tr>
<tr>
<td>3-9 Blue Shale</td>
<td></td>
</tr>
<tr>
<td>9-14 Sandy Clay</td>
<td></td>
</tr>
<tr>
<td>14-35 Shale</td>
<td></td>
</tr>
<tr>
<td>35-71 Sandy Clay</td>
<td></td>
</tr>
<tr>
<td>71-106 Fine Sand</td>
<td></td>
</tr>
<tr>
<td>106-112 Brown Clay</td>
<td></td>
</tr>
</tbody>
</table>

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 Tested Hole</th>
<th>Size and Weight of Coating</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>42' X 11'</td>
<td>0</td>
<td>110</td>
<td>HOLE</td>
</tr>
</tbody>
</table>

State Water Level for non-flowing Well: 64 feet.
Shut off Pressure for Flowing Well: 100 feet.
Pumping Water Level: 70 feet at 20 gal. per minute.
Discharge in gal. per min. of flowing well: 2 gal.

How Tested: Machine
Length of Test: 2 hours

Remarks: (Gravel packing, operating packers, type of shut off, 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)

Signature: Millard Kent
Driller's License Number: 4

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

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

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

Filed for record this 14th day of
January, A. D. 1925, at
3:30 o'clock P.M.

Gordon H. Russell
County Clerk and Recorder.

By: ________________ Deputy.
**Notice of Completion of Groundwater Appropriation by Means of Well**  
(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** Clifford W. Martin  
**Address:** 335 South Street  
**Driller:** C. H. Starr  
**Address:** Box 168, Helena, MT

**Date of Notice of Appropriation of Groundwater:** June 1, 1966

**Date well started:** June 1, 1966  
**Date completed:** August 10, 1966

**Type of well:** Drilled  
**Equipment Used:** Churn

**Water Use:** Domestic X  
**Industrial □**  
**Municipal □**  
**Other □**  
**Irrigation □**

---

**Table: Size of Drilled Hole and Size and Weight of Casing**

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>4&quot;</td>
</tr>
<tr>
<td></td>
<td>1&quot;</td>
</tr>
</tbody>
</table>

**Perforations**

<table>
<thead>
<tr>
<th>Kind</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing Well:** 40 feet

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

**Pumping Water Level:** 25 feet at 8 gal. per minute

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

**How Tested:** Bailer  
**Length of Test:** 1 hour

**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)

---

**Driller's License Number:** CL2/LJ131

**Driller's Signature:** C. H. Starr

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.
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: Michael
Address: 3121 12th Ave.
Date well started: June 21, 1971
Date well completed: June 21, 1971

Type of well: Drilled (Drill, 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

Perforations

Kind Site From To
Drilled

Top of Ground

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>29.52</td>
<td>36</td>
</tr>
</tbody>
</table>

Static water level 36 ft.
Pumping water level 17.7 ft.
at 3,526 gallons per minute,
measured 15 minutes after pumping began.

*Measured from ground level.
Well developed by 6:30 a.m.
for 21 hours.
Power: Pump: 1/2 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

Driller’s Address

LICENSE NO. 101

Show exact depth of bottom
STATE OF MONTANA
County of Dawson
Filed for record this 21st day of
June A.D. 1971.

In the County Court of Dawson County, Montana.

This is to certify that the foregoing document was recorded in the Court of Dawson County, Montana, on the day and year stated above.

County Clerk & Recorder
By:

Deputy
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

This form is 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: Al Aichuk
Address: Highland Park, File 3/66/1
Date well started: 6-9-72
Completed: 6-13-72

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 (i.e. Lot, Block
and Addition).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Static Water Level</th>
<th>Pumping Water Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>718&quot; 21 61 45 79</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 55 ft
Pumping water level: 75 ft
at 200 gallons per minute, measured 90 minutes after pumping began.

*Measured from ground level.
Well developed by boiling for 3 hours.
Power: Elect. Pump: 1/2 HP
Remarks: (Gravel packing, cementing, packers, type of cutoff)

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

Driller's Signature: M.E. Walsh
Driller's Address: 916 Bo. Saylor, Blanding

LICENSE NO 223
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. CLARENCE ALBRECHT of DAYCREEK DRIVE, GLENDIVE
   (Name of Appropriator) (Address) (Town)

   County of DAWSON, 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... 1/4/61 DAILY USE

   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...

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA

County of Dawson

Filed for record this 11th day of Oct. A. D. 1938, at 3:00 o'clock, P.M.

LIndol W. Russell
County Clerk and Recorder.

By: Alice Costley, Deputy.

Fees paid: $1.00
STATE WATER CONSERVATION BOARD
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Owner: [Name]
Driller: [Name]
Date of Notice of Appropriation of Groundwater: [Date]
Date well started: [Date]
Type of well: Drilled
Water Use: Domestic [ ] Municipality [ ] Irrigation [ ] Other [ ]
Industrial [ ] Drainage [ ] Stock [ ]

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot;</td>
<td>4&quot;</td>
<td>0.00</td>
<td>111.00</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 23.3 feet.
Shut-in Pressure for flowing well: 
Pumping Water Level: 25 feet at 12 gal. per minute.
Discharge in gal. per min. of flowing well: 
How Tested: Bail [ ] Length of Test: 1 hr.
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).

[Diagram showing well location and water strata]

[Signature]
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 Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA
County of Dawson
Filed for record this 15th day of
A.D. 1955, at 10:15 A.M.

By:
County Clerk & Recorder

By:
County Clerk & Recorder
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Pat Boyd
Address: 4462 Main St., Norfolk, Montana

Driller: Allen Water-Wells, Libby, Montana

Date of Notice of Appropriation of Groundwater: 8-28-62

Date well started: 9-28-62
Date Completed: 9-29-62

Type of well: Drilled Equipment Used: (Churn, drill, rotary or drilled)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>4'5&quot;</td>
<td>100</td>
<td>107</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well 84 feet.
Shut-in Pressure for Flowing Well
Pumping Water Level 92 feet at 10 gal, per minute.
Discharge in gal, per min. of flowing well
How Tested: Drilled Length of Test: 10 feet.

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)

45

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.
STATE OF MONTANA
County of Dawson

Filed for record this 4th day of Oct. A. D. 1963, at 3:30 o'clock P.M.

Lorenz W. Lusche
County Clerk and Recorder
By Alice Austin

Fee paid: $2.00
Notice of Completion of Groundwater Appropriation by Means of Well Developed After January 1, 1962

Date of Notice of Appropriation of groundwater: 4-23-66
Date completed: 4-25-66

Type of well: Dug well (Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic [O] 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, silt, gravel, rock, 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.

Static Water Level for non-flowing well
Shut-in Pressure for Flowing Well
Pumping Water Level
Discharge in gal. per minute
How Tested
Length of Test
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Show exact depth of bottom.

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

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

Nov 9, 1966

Driller’s License Number

Driller’s Signature

41, 591
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. M. H. C. Farms, Inc., of Condine,
   (Name of Appropriator) (Address) (Town)

   County of Dawson, 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, 1928.

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

   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 at present time.

   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, 1950.

   8. The depth of water table .................................................. 125 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, 150 ft. with 4” and 6” casing.

   10. The estimated amount of groundwater withdrawn each year, not known.

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

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

   Signature of Owner .................................................. Date 1-3-43

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA
County of Dawson

Filed for record this 26th day of December, A. D. 1962, at 1:00 o'clock P.M.

Gordon W. Russell
County Clerk and Recorder.

By ______________________ Deputy.

No. 26503
Form No. 18
8-60

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

DEC 29, 1961

WATER WELL LOG

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Robert E Hostetler</td>
</tr>
<tr>
<td>Address</td>
<td>Glendive, Montana</td>
</tr>
<tr>
<td>Driller</td>
<td>Harold Gavin</td>
</tr>
<tr>
<td>Address</td>
<td>Lindsay, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>Sept. 15, 1961</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Sept. 25, 1961</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 28, T. 16, R. 55 1/4 sec., N.W.</td>
</tr>
<tr>
<td>Type of well drilled</td>
<td>Churn</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Churn (drill, drill, or drill)</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic [X] Municipal [ ] Stock [ ] Irrigation [ ]</td>
</tr>
<tr>
<td>Industrial [ ] Drainage [ ] Other [ ]</td>
<td></td>
</tr>
<tr>
<td>Casing: 0 ft. to 29 ft.</td>
<td>Type steel Size 4 inch</td>
</tr>
<tr>
<td>Casing:</td>
<td>Type Size</td>
</tr>
<tr>
<td>Casing:</td>
<td>Type Size</td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Ft. 79 to Ft. 82, Ft. 82 to Ft. 83</td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td>shots cut in casing</td>
</tr>
<tr>
<td>Static Water level, for non-flowing well: 10 feet</td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well: 10 lb./sq. in. on: [ ]</td>
<td></td>
</tr>
<tr>
<td>Pumping water level: 50 feet at 5 gal. per min.</td>
<td></td>
</tr>
<tr>
<td>How tested</td>
<td>.slut</td>
</tr>
<tr>
<td>Length of test</td>
<td>97 yr</td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></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 0</td>
<td>To 30</td>
</tr>
<tr>
<td>From 30</td>
<td>To 65</td>
</tr>
<tr>
<td>From 65</td>
<td>To 99</td>
</tr>
</tbody>
</table>
Bartley Schlicht

Name of Appropriator

Glendive

Address

County of Dawson

State of Montana

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

T: 28

S

W

N

T16 R55

Section

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based. 
   
   #1, domestic; 
   #2, domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 
   
   #1, 1960 continuous; #2, 1960; continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 
   
   #1, 10 gallons per minute; #2, 10 gallons per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 
   
   #1, electric motor; #2, centrifugal

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 
   
   #1, 1960; #2, 1960

8. The depth of water table. 
   
   #1, 76'; #2, 76'

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. 
   
   #1, drilled; 4" casing, 116' deep; #2, drilled, 4" casing, 116' deep

10. The estimated amount of groundwater withdrawn each year. 
    
    #1, 2,566,000 gallons; #2, 2,592,000 gallons

11. The log of formations encountered in the drilling of each well if available. 
    
    None

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

Signature of Owner

Date

December 30, 1963

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

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

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

3/1908
STATE OF MONTANA
County of Dawson

Filed for record this 30th day of December A.D. 1962, at 4:00 o'clock P.M.

Gordon W. Russell
County Clerk and Recorder.

By ___________________________ Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER RIGHTS

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

Walter Schmidt, of Dry Creek Dr., Glendive
County of Dawson, 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: Drinking Water

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Sec. 14

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 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: Walter Schmidt
Date: Dec 31, 1962

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer, Duplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Andrew Pressman
Address: Box 1210

Driller: C. H. Starr
Address: Box 1113, Glendive, Mont.

Date of Notice of Appropriation of groundwater: March 25
Date completed: April 8

Type of well: Drilled
Equipment used: Chum 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 the water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PREPARATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>0</td>
<td>162</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Sl... in Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested

Length of Test

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

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 Addition).

Driller’s License Number

Driller’s Signature

This form to be prepared by driller, and three copies to be filled 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 Signature

Date: 4/4/68
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Eugene Vogoeld of P.O. Box 756, Glendive,
County of Dawson, State of Montana,
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

2. The beneficial use on which the claim is based: residential and water for livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Well #1, Oct. 1950, Well #2, April 1951, continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Well #1, 9 gal. per minute, Well #2, 12 gal. per minute.

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

6. Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Well #1, Oct. 1950, Well #2, April 1951.

8. The depth of water table: Well #1, 60 feet, Well #2, 30 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Well #1, 4 inch casing, 103 feet deep, Well #2, 6 inch casing, 92 feet deep.

10. The estimated amount of groundwater withdrawn each year: Well #1, 100,000 gallons, Well #2, 750,000 gallons.

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

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

Signature of Owner: Eugene Vogoeld
Date: 12-28-63

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

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

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

Filed for record this 30th day of December, A. D. 1942, at
1:30 o'clock p.m.

Wm. Russell
County Clerk and Recorder.

By _______________________________ Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws 2014)

Owner:
Address:
Driller:

Date of Notice of Appropriation of Groundwater:

Date well started:
Date completed:

Type of well:
Equipment Used:

Water Use:

"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 Drilling Pipe (Feet)</th>
<th>Size and Weight of Casing (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>4 x 11</td>
<td>120</td>
<td>120</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 72 feet.
Shut-in Pressure for Flowing Well: ____________ psi.
Pumping Water Level: 105 feet at 9 gal. per minute.
Discharge in gal. per min. of flowing well: ____________
How Tested: ____________
Duration: ____________
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)

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.
STATE OF MONTANA
County of Dawson

Filed for record the 10th day of Oct., A.D. 1909, at 2 o'clock P.M.

Gordon W. Linette
County Clerk and Recorder.

By Alice Austin, Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: MAY 1st, 1947
Owner: H.F. Kinney
Address: Bo. Box 186, Glendive
Contractor (if any) 
Address of Contractor 
Date Started: JAN 1 1958
Date Completed: NOV 10, 1958

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

Rock curbed spring 70 feet deep.

Electric pump

Tubewell - Stock Use, Irrigation use, etc.

Natural flow as available

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:

Agricultural
Domestic + Stock Use

Amount used per day
App. 5066.15 Gals. #2 stock use, etc.

Approx. 2 gallons Per minute each

Signature of Owner

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.

Signature of Owner

Date: Dec 31, 1963
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: H.E. Kinney, Address: Glendive, MT

Contractor (If any): M. Head, Address of Contractor: Glendive, MT

Date Started: Dec. 12, Date Completed: Jan. 1, 1963

Describe means of obtaining groundwater without a well: "by sub-irrigation and other natural processes." Include depth to water when applicable. See: Spring, Perforated or raised to spring, dye to tank, overflow to tank.

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 flow one gallon per minute.

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

Signature of Owner: Horace E. Kinney
Date: Mar. 18, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
282911

STATE OF MONTANA
County of Dawson

Filed for record this 11th day of March, A.D. 1962, at
11:30 o'clock A.M.

[Signature]
County Clerk and Recorder.

By: [Signature]
Deputy.

In ps. 2nd
WATER WELL LOG

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>(Churn drill, rotary, other)</td>
</tr>
<tr>
<td>Industrial</td>
<td></td>
</tr>
<tr>
<td>Municipal</td>
<td></td>
</tr>
<tr>
<td>Stock</td>
<td></td>
</tr>
<tr>
<td>Irrigation</td>
<td></td>
</tr>
<tr>
<td>Drainage</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to</th>
<th>70</th>
<th>ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Size</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>ft. to</th>
<th>70</th>
<th>ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of screen or perforations:</td>
<td>1/8&quot; x 3&quot; slots cut in case.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water level, for non-flowing well: 45' from surface.

Shut-in pressure, for flowing well: 0 lb./sq. in. on: (date)

Pumping water level 50' from surface feet at 8 gal. per min.

How tested: Sluice bucket

Length of test: One hour

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