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 257, Montana Session Laws, 1961)

Owner: Robert J. Helland
Address: Authors of Most

Driller: Alfred Anderson
Address: Austin, Mont.

Date of Notice of appropriation of groundwater: Jan. 1, 1967
Date well started: Jan. 1, 1967
Date completed: Jan. 1, 1967

Type of well: Drilled
Equipment used: Airzg (Drill, driven, bored or drilled)

Water use: Domestic [X] Municipal [ ] Stock [X] 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 Dug 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>5.75</td>
<td>4.20</td>
<td>11.16</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well...20...feet.
Shut-In Pressure for Flowing Well...60...feet
Pumping Water Level...65...feet at...8...gal. per minute.
Discharge in gal. per min. of flowing well...60...

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

(Continues on reverse side)

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

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

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

Driller’s License Number

Driller’s Signature.
**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

---

**1. Grace & Marvin Wagmild**, of **Outlook**

(State of Appropriator) (Address) (Town)

**County of Sheridan**, **State of Montana**

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

<table>
<thead>
<tr>
<th>Well No. 1 House</th>
<th>Well No. 2 Livestock</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

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

---

3. The 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: **Marvin Wagmild**

Date: **12-10-63**

---

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 Quadraplicate for the Appropriator.
STATE OF MONTANA
County of Sheridan.

Filed this 10 day of
December A. D. 1943
at 1:30 o'clock P. M.
L. D. Nelson
County Recorder
Ex. Myrtle Hall
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
STATE ENG.

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

1. (Name of Appropriator) of (Address) (Town)
   County of _________ State of ____________
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based:
   Irrigating (described land or other beneficial use)

3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
   One well, 1910
   One well 1914
   Both continuously

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   Date not available

8. The depth of water table:
   100 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:
   One well - 12 ft. deep
   Another well - 12 ft. deep

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

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

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

Signature of Owner: __________________________
Date: 12-10-13

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 Sheeian.

 Held this 31 day of
December A.D. 19-0.
at 10 o'clock A.M.

[Signature]
County Recorder

[Signature]
Deputy
# WATER WELL LOG

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

<table>
<thead>
<tr>
<th>Water use</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>X</td>
</tr>
<tr>
<td>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>Other</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
</tr>
</thead>
<tbody>
<tr>
<td>125 ft. to 125 ft.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
</tr>
</thead>
<tbody>
<tr>
<td>11.3 ft. to 125 ft.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
</tr>
</thead>
<tbody>
<tr>
<td>70 feet</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shut-In pressure, for flowing well:</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 lb/sq. in. on: (date)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pumping water level:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unknown feet at 5 gal. per min.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length of test:</th>
</tr>
</thead>
<tbody>
<tr>
<td>96 hrs</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></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td>(over)</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, 1962)

1. Harry C. West of Outlook
   (Name of Appropriorate) (Address) (Town)
   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:
   farmland
   garden
   small

3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
   1912 - Continuous
   1951 - Used only for irrigation

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   The use is for irrigation
   The irrigation is used on 10 acres

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   1941

8. The depth of water table:
   100 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:
   The well is an open well

10. The estimated amount of groundwater withdrawn each year:
    50,000

11. The last formations encountered in the drilling of each well if available:
    Carboniferous formation

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: Harry C. West

Date: 12-31-63

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriorate.
334873

#410

COUNTY OF KÜMBA

December 31, A.D. 1958

at 12:00 o'clock A.M.

_________________________________

County Recorder

_________________________________

Deputy
**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner</th>
<th>Robert L. Want</th>
<th>Address</th>
<th>Outlook, Mont.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Lenticss Drilling Co.</td>
<td>Address</td>
<td>Westby, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>4/21/59</td>
<td>Date Completed</td>
<td>4/33/59</td>
</tr>
</tbody>
</table>

**Location:** Sec. 26, T. 36, R. 53, 1/4 sec. 5,213 sq. ft.

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>ft. to ft.</td>
<td>Type of well</td>
<td>Equipment used</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Perforated with Oxy-Acet, Cutting torch</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
<th>lb/sq. in. on:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Pumping water level:</th>
<th>feet at</th>
</tr>
</thead>
<tbody>
<tr>
<td>How tested:</td>
<td>2 Hour:</td>
</tr>
</tbody>
</table>

**Length of test:** 2 Hour.

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

---

(over)
**WATER WELL LOG**

**Owner:** Robert L. West  
**Address:** Outlook, Mont.
**Driller:** Gust L. Lagorquist  
**Address:** Westby, Montana

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/21/59</td>
<td>4/23/59</td>
</tr>
</tbody>
</table>

**Location:** Sec. 30 T. 34 N. R. 53 E.  
**MONTANA BUREAU OF MINES AND GEOLOGY**  
**STATE ENGINEER**

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 73 ft.</th>
<th>Type: 4” H11</th>
<th>Starage: 6 inch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td></td>
<td>Type:</td>
<td>Size:</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Perforated or Screened:** Ft. 63 to Ft. 78  
**Type of screen or perforations:** Perforated with Oxy-Azet, Cutting tournah

**Static Water level, for non-flowing well:** 59 feet.

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

**Pumping water level:** 69 feet at 21 gal. per min.

**How tested:** Boiler

**Length of test:** 2 hours

**Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 51</td>
<td>Brn.- Clay</td>
</tr>
<tr>
<td>51 - 69</td>
<td>Blue-Clay</td>
</tr>
<tr>
<td>69 - 72</td>
<td>Sand-Water</td>
</tr>
<tr>
<td>72 - 76</td>
<td>Sandy-Shale</td>
</tr>
<tr>
<td>76 - 104</td>
<td>Blue-Clay</td>
</tr>
</tbody>
</table>

*Note: Additional entries not visible in the image.*
**Notice of Completion of Groundwater Appropriation Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Date of Appropriation of Groundwater</th>
<th>1961</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Arthur Stiff</td>
</tr>
<tr>
<td>Address of Owner</td>
<td>Shady Dell, Mont.</td>
</tr>
<tr>
<td>Contractor (if any)</td>
<td>N/A</td>
</tr>
<tr>
<td>Address of Contractor</td>
<td>N/A</td>
</tr>
<tr>
<td>Date Started</td>
<td>N/A</td>
</tr>
<tr>
<td>Date Completed</td>
<td>N/A</td>
</tr>
<tr>
<td>Describe means of obtaining groundwater without a well “as by sub-irrigation and other natural processes”. Include depth to water when applicable.</td>
<td>N/A</td>
</tr>
<tr>
<td>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.</td>
<td>N/A</td>
</tr>
<tr>
<td>Indicate point of appropriation and place of use, if possible.</td>
<td>N/A</td>
</tr>
<tr>
<td>Signature of Owner</td>
<td>Arthur Stiff</td>
</tr>
<tr>
<td>Date</td>
<td>12-31-63</td>
</tr>
</tbody>
</table>

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

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

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

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

Filed this 5th day of December, A. D. 1953.
at 1:00 o'clock P.M.

Deputy

[Signature]
County Recorder
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, 1961)

Owner: Charles Grant Address: Butte, Mont.
Driller: Western Drilling Co. Address: Malad, Mont.

Date of Notice of Appropriation of Groundwater: 5-15-64
Date well started: 6-3-64 Date Completed: 7-6-64

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

Water Use: Domestic  Stock
Municipal  Irrigation
Other

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, gravel, rock, 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.

---

Static Water Level for non-flowing Well: 330 feet.
Shut-in Pressure for Flowing Well:

Pumping Water Level: 410 feet at 45 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Pump Length of Test: 4 ft.

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: 1 to 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 Sheridan,

Filed this 3rd day of A. D. 1904
at 2:30 o'clock P. M.

P. T. Nelson
County Recorder

By Myrtle Barnes
Deputy
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Charles Hart**, of Outlook, Montana, has appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   - **County of:**
   - **State of:**
   - **Town:**

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: Charles Hart

Date: 12/17/1963

---

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 Sheridan.

Filed this 3rd day of Jan., A. D. 1914
at 10 o'clock A. M.

L. D. Milam
County Recorder

Bay Richardson
Deputy
**Notice of Completion of Groundwater Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

---

**LOG**

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>(Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-36</td>
<td>Fine silt clay</td>
</tr>
<tr>
<td>36-69</td>
<td>Fine silt clay</td>
</tr>
<tr>
<td>49-65</td>
<td>Light brown clay</td>
</tr>
<tr>
<td>65-74</td>
<td>Sandy clay</td>
</tr>
<tr>
<td>74-87</td>
<td>Light gray clay</td>
</tr>
<tr>
<td>87-96</td>
<td>Gray sand clay</td>
</tr>
<tr>
<td>96-118</td>
<td>Gray clay</td>
</tr>
<tr>
<td>118-126</td>
<td>Dark gray clay</td>
</tr>
<tr>
<td>126-142</td>
<td>Dark gray clay</td>
</tr>
<tr>
<td>142-157</td>
<td>Gray clay</td>
</tr>
<tr>
<td>157-179</td>
<td>Light gray sand clay</td>
</tr>
<tr>
<td>179-192</td>
<td>Gray sandy silt</td>
</tr>
<tr>
<td>192-195</td>
<td>Black (peat level)</td>
</tr>
<tr>
<td>195-185</td>
<td>Gray sandy clay</td>
</tr>
<tr>
<td>185-201</td>
<td>Fine silt clay</td>
</tr>
<tr>
<td>201-210</td>
<td>Fine gray and gravel (water)</td>
</tr>
<tr>
<td>210-212</td>
<td>Limestone (chalk)</td>
</tr>
<tr>
<td>212-320</td>
<td>Gray clay</td>
</tr>
</tbody>
</table>

---

**Notice of Completion**

**Archie J. Johnson**

Owner: Outlook, Montana

Date of Notice of appropriation of groundwater: APRIL 15

Date well started: DRILLED

Type of well: 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.

---

**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**

**ONE HOUR**

---

**Remainder**

---

**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).

**Household, stock, irrigation around home:**

---

**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 237, Montana Session Laws, 1961)

[Name of Appropriator] of [Address] (Town), County of [County] 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:
   personal, household and livestock, both wells

2. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   No. 1—June 10, 1927 and continuous since.
   No. 2—August 3, 1957 and continuous since.

3. The amount of groundwater claimed (in miner's inches or gallons per minute).
   No. 1—50 gallons per minute.
   No. 2—20 gallons per minute.

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

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

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   No. 1—14 days to complete, June 10, 1927.
   No. 2—3 days to drill, completed August 3, 1957.

7. The depth of water table.
   No. 1—330 feet, static water line 270 feet.
   No. 2—330 feet, static water line 135 feet.

8. The log of formations encountered in the drilling of each well if available.
   No. 1—4½ steel casing, 33½ feet, galv. pipe.
   No. 2—4½ steel casing, 205 feet.

9. The estimated amount of groundwater withdrawn each year.
   No. 1—500,000 gals.
   No. 2—400,000 gals.

10. 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: Archie J. Johnson
Date: January 7, 1963

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.

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

Filed this ___ day of ___ at ___ o'clock ___ A.M. 19___.

S. A. Nelson
County Recorder

By: {Signature}
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 537, Montana Session Laws, 1961)

1. John Trego of Outlook
   County of Chouteau, State of Montana

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

   The beneficial use on which the claim is based: 
   Personal and domestic

   Date or approximate date of earliest beneficial use; and how continuous the use has been: 
   1-1-1943 to 2-2-1958

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

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

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

   The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   1-1-1943 to 1-2-1958

   The depth of water table:
   175

   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:

   The estimated amount of groundwater withdrawn each year:
   20,000 gpm

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

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

   Signature of Owner: John Trego
   Date: June 30, 1963

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

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

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

This the 25th day of September, A.D. 1923
at 10 o'clock A.M.

H. Nelson
County Recorder

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

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

Farmers LLC, Co of Outlook, Montana, of Outlook
(Address)
County of Sheridan
(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 continuously the use has been:
   - July 1920
   - Used continuously since

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:
   - Block 11, lot 7, townsite of Outlook

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:
   - Drilled 1 inch casing 140 feet

10. The estimated amount of groundwater withdrawn each year:

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

12. Any 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.
STATE OF MONTANA

County of__________

Filed this ___________ day of

December A. D. 1905.

at __________________ P. M.

________________________
County Recorder

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

1. Margaret Hass of Outlook
   (Name of Appropriator) (Address) (Town)
   County of Sheridan 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1916

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

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

8. The depth of water table: 60 feet

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

10. The estimated amount of groundwater withdrawn each year

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: Margaret Hass

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 Approprietor.
STATE OF MONTANA, ss.

County of Sheridan.

Filed this 5th day of November A. D. 1953
at 10:00 o'clock A. M.

County Recorder

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

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

Town of Outlook, Mont., of Outlook, Montana

County of Sheridan, State of Montana

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

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

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 location 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...

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

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.
STATE OF MONTANA

County of Montana

Filed this 31st day of December, A.D. 1858.

Attorn. Genl.

Deputy
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<tr>
<td>1</td>
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<td>9</td>
<td>SCOTT, GEORGE</td>
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<td>LACRANGE, GEORGE</td>
<td>BW 4</td>
<td>334184</td>
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<td>12</td>
<td>SYME, DONALD</td>
<td>CW 2</td>
<td>334915</td>
<td></td>
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<td>13</td>
<td>SYME, DONALD</td>
<td>BW 4</td>
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<td>JOHNSON, CLAIR</td>
<td>CW 4</td>
<td>334928</td>
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<td>STONE, ULRAN</td>
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<td>334890</td>
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<td>29</td>
<td>WOLD, ORVILLE</td>
<td>well 187</td>
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<td>32</td>
<td>WOLD, ORVILLE</td>
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<td>WOLD, MARTELON</td>
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<td></td>
</tr>
<tr>
<td>34</td>
<td>REED, ELVIN V</td>
<td>CW 2</td>
<td>339825</td>
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</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. Name of Appropriator: [Name]
   Address: [Address]
   City: [City]
   County: [County]
   State: [State]

   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 Appropiator.
STATE OF NEW MEXICO.

County of Otero.

11th day of December A.D. 19—

I certify that the above is a true and correct copy of the instrument of powers of

Walter M. Jenkins

County Recorder

Deputy
WATER WELL LOG

Owner: George L. Jones
Address: Outlook, Mont.
Driller: Lagenique Drilling Co.
Address: Dickey, Mont.
Date Started: Sept. 5, 1960
Date Completed: Sept. 9, 1960
Location: Sec. 7, T. 36, R. 54, 1/4 sec.

Type of well: Drilled
Equipment used: Chain Drill

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

Casing: 6 ft. to 171 ft. Type: 4 1/4 E. Size: 4-inch
Casing: ft. to ft. Type: Size:
Casing: ft. to ft. Type: Size:
Perforated or Screened: Ft. 1/4 to Ft. 171
Type of screen or perforations: Screen 1/4 inch
Static Water level, for non-flowing well: 140 ft.
Shut-in pressure, for flowing well:
Pumping water level:
How tested:
Length of test:
Remarks:

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

(over)
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<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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<tbody>
<tr>
<td>0 - 96</td>
<td>Sandy Clay</td>
</tr>
<tr>
<td>96 - 98</td>
<td>Blue Clay</td>
</tr>
<tr>
<td>98 - 104</td>
<td>Dark Clay</td>
</tr>
<tr>
<td>104 - 120</td>
<td>Blue Clay</td>
</tr>
<tr>
<td>120 - 134</td>
<td>Sand gravel, bore vise noted</td>
</tr>
<tr>
<td>124 - 165</td>
<td>Blue Clay</td>
</tr>
<tr>
<td>165 - 166</td>
<td>Black Jack</td>
</tr>
<tr>
<td>166 - 170</td>
<td>Clay, sand, streaks &amp; Coal streaks noted</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)

[Name of Approprietor] of [Address] (Town)

1. [Name of Approprietor] of [Address] (Town)

2. The beneficial use for which the claim is based: 
   House, Farm, Livestock

3. Date or approximate date of earliest beneficial use: 
   [Date]
   and how continuous the use has been: [Continuous Use]

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

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

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

7. The date of commencement and completion of the construction of the well(s) or other works for withdrawal of groundwater: 
   [Date]

8. The depth of water table: 
   [Depth]

9. So far as it may be available, the type, size and depth of each well or other works for withdrawal of groundwater: 
   [Type, Size, Depth]

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

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

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: 
    [Additional Information]

Signature of Owner: 

Date: [Date]

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

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

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

Filed this 16 day of
November A. D. 1962
at 1:00 o'clock P.M.

J.M. Nielsen
County Recorder
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
(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.

<table>
<thead>
<tr>
<th>Owner</th>
<th>For Administrator's Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Louis J. Lyman</td>
<td>File 67, 36, 275</td>
</tr>
</tbody>
</table>

Date well started: June 20, 1972
Date well completed: June 24, 1972

Type of well: Drilled
Equipment used: Rotary
Water Use: Domestic

*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>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 1/2 hole</td>
<td>4&quot; Steel</td>
<td>126</td>
<td>126</td>
<td>115'</td>
</tr>
</tbody>
</table>

Static water level: 76.4 ft*
Pumping water level: 80 ft*
at 150 gallons per minute, measured ______ minutes after pumping began.

*Measured from ground level.

Well developed by ______ HP for ______ hours.

Power: ______ HP
Remarks: (Gravel packing, cementing, packers, type of shutoff, etc.)

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

Driller's Signature: ______
Driller's Address: ______

LICENSE NO. 235

Show exact depth of bottom

53,855
STATE OF MONTANA

vs.

County of Sherman.

Filed this ______ day of ______, A. D. 19__

____________________________________
A. D. 19__

[Signature]

County Recorder

By: [Signature]

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

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

1. Name of Approprior) of (Address) (Town)
County of Montana 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 1950

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

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

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

7. The date of commencement and completing of the construction of the well, wells, or other works for withdrawal of groundwater. March 28 1950

8. The depth of water table 97 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. 1 inch. Being 97 ft deep

10. The estimated amount of groundwater withdrawn each year. 36,000 gal

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

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

Signature of Owner

Date Jan 26 1963

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

Please answer all questions. If not applicable, 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 Approprior.

JAN 16 1963

State Engineer
STATE OF MONTANA

County of Sheridan,

Filed this 25 day of December A.D. 1953,
at 12:15 o'clock P.M.

J. C. Niles
County Recorder

Denny

#314
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. [Name of Owner] [Address] (Address of Owner)
   County of [County] State of [State] (County and State)

   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: [Description]

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

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

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

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

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

   8. The depth of water table: [Depth]

   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: [Specifications]

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

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

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

   Signature of Owner: [Signature] Date: [Date]

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

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

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

County of Beaver,

Received this 5th day of November, A. D. 19...'

[Signature]
County Recorder

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

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

1. Name of Appropriator
   (Name of Appropriator)
   (Address) (Town)

   County of
   State of

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   1915

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

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

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

   Water table
   60 ft.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   1915

8. The depth of water table.
   60 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.

   Water table 60 ft. dept. 60 ft. well 14 ft. well 60 ft.

10. The estimated amount of groundwater withdrawn each year.
    150,000

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
   [Signature]
   Date 12 -10 - 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 Chouteau

Petition filed the 15th day of December, A.D. 1998, at 3:00 o'clock M.

[Signature]
County Recorder

Deputy
**WATER WELL LOG**

**MONTANA BUREAU OF MINES AND GEOLOGY**

**Butte, Montana**

**STATE ENGINEER**

**Owner:** Orville Wold and Muriel E., Address: Plentywood, Montana

**Driller:** Henry Radon, Address: Outlook, Montana

**Date Started:** November 1946, **Date Completed:** November 1946

**Location:** Sec. 29, T. 36 R., M. 34 sec.

**Type of well:** Bored

**Equipment used:** Well Boring Machine

**Water use:** Domestic [✓], Municipal [ ], Stock [✓], Irrigation [ ], Industrial [ ], Drainage [ ], Other [ ].

<table>
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<tr>
<th>Casing:</th>
<th>Wood</th>
<th>Type</th>
<th>Size</th>
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<tr>
<td>to</td>
<td>75</td>
<td></td>
<td>18 Inch</td>
</tr>
</tbody>
</table>

**Perforated or Screened:** from ft. to ft. from ft. to ft.

**Type of screen or perforations:**

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

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

**Pumping water level:** 2 ft., **Water** feet at: 10 gal. per min.

**How tested:** Not known

**Length of test:**

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

- Car perforated at the bottom.

(over)
<table>
<thead>
<tr>
<th>County: Sheridan</th>
<th>State Engineer: Montana Bureau of Mines and Geology</th>
</tr>
</thead>
<tbody>
<tr>
<td>WATER WELL LOG</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Owner</th>
<th>Orville Wold and Muriel W. Wold</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Plentywood, Montana</td>
</tr>
<tr>
<td>Driller</td>
<td>Henry Rasen</td>
</tr>
<tr>
<td>Address</td>
<td>Salem, Oregon</td>
</tr>
<tr>
<td>Date Started</td>
<td>1915</td>
</tr>
<tr>
<td>Date Completed</td>
<td>1915</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 32 T. 36 R. 56 1/4 sec. SW1SR</td>
</tr>
</tbody>
</table>

### Type of well
- **Dug by hand**

### Equipment used
- **Drill**
- **Churn drill**, **shovel**, **hoe**

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

### Casing
- **0 ft. to 20 ft.**
  - **Type**: Steel Culvert
  - **Size**: 4 feet
- **Other sizes**

### Perforated or Screened
- **From ft. to ft.**
  - **From ft. to ft.**

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

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

### Pumping water level:
- **X feet at:**
  - **X gal. per min.**

### How tested:

### Length of test:

### Remarks:
- **Gravel packing, cementing, packers, type of shut-off, depth of shut-off**
- **No pump was ever installed, nor was drawn.**

(over)
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: Rhinehart Reed, Address: Westry, Mont.
Driller: Stanley Billingsley, Address: Philo, Mont.
Date of Notice of appropriation of groundwater: June 22
Date well started: June 22 Date completed: June 24
Type of well: Drilled Equipment used: Drill
(Dug, Driven, bored or drilled) (Charcoal, 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>Depth (Feet)</th>
<th>Rise and Weight of Cables</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
<td>10</td>
<td>0</td>
<td>100</td>
</tr>
<tr>
<td>80</td>
<td>80</td>
<td>140, Blue Seal</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
Shut-in Pressure for Flowing Well: 42.2
Pumping Water Level: 32 feet
Discharge in gal. per min. of flowing well: 3000 gal.
How Tested: Ann. Expulsion
Length of Test: 30 days
Remarks: Use of well, type of shut-off: Bus River
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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, copies to be retained by driller.

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

Driller's License Number
Driller's Signature
STATE OF MONTANA

County of Sheridan.

Filed the 18th day of July, A. D. 1962

A. D. Neilsen
County Recorder

By: Myrtle Haller
Deputy
GROUNDWATER INDEX

County SHEPHERD Twp. 34N Rge. 6S E

<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>3</td>
<td>CARLSON, DALE</td>
<td>GW 4</td>
<td>334975</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>SYME, KENNETH</td>
<td>4</td>
<td>334976</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>PIERCE, LESLIE</td>
<td>4</td>
<td>334944</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>THOMAS, BOB</td>
<td>GW 2</td>
<td>332711</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
STATE SIC

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

1. (Name of Appropriator)
   (Address) Montan
   (Town)

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.
STATE OF MONTANA

County of Sheriff

Filed this 31 day of
November A. D. 1923
at 4:00 o'clock M.

County Recorder

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

Kenneth J. Jones, of Haywood, 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: Stockwater for home garden.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Oct. 1958—continuous.

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

5. If used for irrigation, give the area 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: Thaler's pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Sept. 10, 1961.

8. The depth of water table: 60 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 100 ft.

10. The estimated amount of groundwater withdrawn each year: 100,000 gallons.

11. The local formations encountered in the drilling of each well if available: clay sand & loam.

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: Description of well site.

Signature of Owner: Kenneth J. Jones
Date: June 26, 1962

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

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

Filed this 26th day of December A.D. 1963
at 2:30 o'clock P.M.

Deputy

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

1. Louis Pierce
   (Name of Appropriator)
   of Plentywood
   (Address)
   (Town)

 County of
   State of Montana

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

2. The beneficial use on which the claim is based
   [Home and stock]

3. Date or approximate date of earliest beneficial use and how continuous the use has been:
   [1942]
   [1952]
   [1960]

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   \[\text{\#1: } 10 \text{ gpm}, 1 \text{ min.} \]
   \[\text{\#2: } 5 \text{ gpm}, 1 \text{ min.} \]
   \[\text{\#3: } 5 \text{ gpm}, 1 \text{ min.} \]

5. If used for irrigation, give the usage 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:
   [Cylinder pump or all wells]

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   \[\text{\#1: } 1942 \]
   \[\text{\#2: } 1953 \]
   \[\text{\#3: } 1958 \]
   \[\#1-181' \text{ deep} \]
   \[\#2-341' \text{ deep} \]
   \[\#3-341' \text{ deep} \]

8. The depth of water table:
   [SW 1/4 NW 1/2 Sec 31, T 36 R 55]

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:
   \[\#1: \text{4 x 4', } 20 \text{ ft.} \]
   \[\#2: \text{4 x 4', } 30 \text{ ft.} \]
   \[\#3: \text{not available} \]

10. The estimated amount of groundwater withdrawn each year:
    \[\text{\#1: } 100,000 \text{ gale.} \]
    \[\#2-50,000 \text{ gale.} \]
    \[\#3-50,000 \text{ gale.} \]

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

12. Such other information of any 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: Louis Pierce
Date: Dec 31, 1963

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

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

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

This 5th day of December, A.D. 19...3
at 4:00 o'clock P.M.

Ed. Yule
County Recorder

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

Owner:  
Address:  
Driller:  
Address:  
Date of Notice of Appropriation of Groundwater:  May 24 - 63
Date well started:  May 31 - 63  Date Completed:  May 24 - 63
Type of well:  Drilled  Equipment Used:  Drilling
(Churn, drill, rotary or other)
Water Use:  Domestic  Municipal  Other  Irrigation
Industrial  Drainage  Stock

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

<table>
<thead>
<tr>
<th>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></td>
<td></td>
<td>0</td>
<td>57</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well 3 ft.
Shut-in Pressure for Flowing Well 6 ft.
Pumping Water Level 5.7 ft at 7 gal. per minute.
Discharge in gal. per min. of flowing well 6.
How Tested: Pump  Length of Test: 15 ft.

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
Alfred Anderson
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 County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.