Notice of Completion of Groundwater Appropriation by Means of Well

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

Owner: Lee Lange
Address: Savage, Mont.

Driller: Culberson Drilling Co.
Address: Sidney, Mont.

Date of Notice of Appropriation of Groundwater: 12 July 1967

Type of Well: Drilled
Equipment Used: auger

Date Well Started: 12 July 1967
Date Completed: 18 July 1967

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

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, same copy to be retained by driller.

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

Drillers License Number

Date: 4/3/78
# MONTANA BUREAU OF MINES AND GEOLOGY
Buitte, Montana

## WATER WELL LOG

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>E.A. Strickman</td>
</tr>
<tr>
<td>Address</td>
<td>Saco, Mont.</td>
</tr>
<tr>
<td>Driller</td>
<td>Dave Hubner</td>
</tr>
<tr>
<td>Address</td>
<td>Sidney, Mont.</td>
</tr>
<tr>
<td>Date Started</td>
<td>April 13, 1958</td>
</tr>
<tr>
<td>Date Completed</td>
<td>April 17, 1958</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 20, T. 20, R. 57 1/4 sec. east half of sec. 20</td>
</tr>
</tbody>
</table>

| Type of Well                   | Drilled |
| Equipment Used                 | Cable tool auger |

<table>
<thead>
<tr>
<th>Water Use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
<th>Industrial</th>
<th>Drainage</th>
<th>Other</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Casing</th>
<th>0 ft. to 132 ft.</th>
<th>Type</th>
<th>Steel</th>
<th>Size</th>
<th>1/2 in.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Casing</th>
<th>ft. to ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
</table>

| Perforated or Screened          | 9.3 ft. to 31.6 ft. | Type | Size |

| Static Water Level, for non-flowing well: | 25 ft. from top feet. |

| Shut-in pressure, for flowing well: | 30 lb./sq. in. on:
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Pumping water level:</td>
<td>56 ft. at 10 gal. per min.</td>
</tr>
<tr>
<td>How tested:</td>
<td>750 ft.</td>
</tr>
<tr>
<td>Length of test:</td>
<td>1 hr.</td>
</tr>
</tbody>
</table>

Remarks: Gravel packing, cementing, packers, type of shut-off, depth of shut-off (over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>10</td>
<td>clay</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>12</td>
<td>gravel</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>44</td>
<td>clay</td>
<td></td>
</tr>
<tr>
<td>44</td>
<td>47</td>
<td>gravel and sand</td>
<td></td>
</tr>
<tr>
<td>47</td>
<td>69</td>
<td>clay</td>
<td></td>
</tr>
<tr>
<td>69</td>
<td>98</td>
<td>coal</td>
<td></td>
</tr>
<tr>
<td>98</td>
<td>100</td>
<td>clay</td>
<td></td>
</tr>
<tr>
<td>100</td>
<td>115</td>
<td>sand</td>
<td></td>
</tr>
<tr>
<td>115</td>
<td>122</td>
<td>clay</td>
<td></td>
</tr>
</tbody>
</table>
DECLAREATION OF VESTED GROUNDWATER RIGHTS

1. By (Name of Appraiser) 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:

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
<th>E</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>4</th>
<th>5</th>
<th>6</th>
<th>7</th>
<th>8</th>
<th>9</th>
<th>10</th>
<th>11</th>
<th>12</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<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

<table>
<thead>
<tr>
<th>House and orchard</th>
</tr>
</thead>
</table>

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

| June 30, 1936 |

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

| 10 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

| 10 acres |

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

| Pump and electric motor |

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

| June 20, 1936 - June 30, 1936 |

8. The depth of water table

| 115 feet - 20 feet water |

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 feet deep |

10. The estimated amount of groundwater withdrawn each year

| 54,750 gallons |

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

| Dirt, gravel, clay and coal |

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

| No other information |

Signature of Owner: Lee A. Langi
Date: Dec. 31, 1964

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

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

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

County of Richland, 

the ... day of
11:12 o'clock,

L. L. Keeler
County

See: 200
Filed
Declaration of Vested Groundwater Rights

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

1. Name of Approriatee ____________________ Address ____________________ Owner ____________________

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.
286420

STATE OF MONTANA.

County of Richland,

day of December,

day of 1903

10:20 A.M.

Richland

County

R. Atkinson

Registrar

Sec. 62

Filed
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: C. Moe
Address: Montana, MO

Driller: C. Moe
Address: Montana, MO

Date of Notice of appropriation of groundwater: Dec. 10, 1960
Date completed: Dec. 29, 1960

Type of well: Drift
Equipment used: Rotary
(Dig, driven, bored or drilled)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Depth of Casing</th>
<th>Feet</th>
<th>To</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>5&quot; x 12&quot;</td>
<td>0</td>
<td>143</td>
<td>Perforations</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>5&quot; x 3/4&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>3/4&quot; x 21&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>1118</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>None</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: NA
Length of Test
Remarks: (Gravel packing, cementing, packers, type of stopoff) Concreted

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).

Dry ad 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.
Notice of Completion of Groundwater Appropriation by Means of Well

State of Montana
Administrator of Groundwater Code
Office of State Engineer

Notices of completion of groundwater appropriation by means of well shall be filed with the county recorder of the county where the drilling is located within 30 days after the completion of the well. The notices shall be typewritten and shall contain the following information:

- **Owner**
- **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 formations met with in drilling, such as soil, clay, shale, gravel, rock or sand, and the depth at which water is encountered, thickness and character of water strata and height to which the water rises in the well.**

**Diagram**

- **Static Water Level for non-flowing wells**
- **Shut-in Pressure for flowing wells**
- **Pumping Water Level**
- **Discharge in gpm**
- **How Tested**
- **Length of Test**
- **Remarks**

**Signature**

Driller's Signature

[Signature]
STATE WATER CONSERVATION BOARD

MAY 20 1966

COUNTY

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Name of Completer

Address

Date of Notice of appropriation of groundwater

Date well started

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, 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

Length of Test

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

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).

Show exact depth of bottom.

This form to be properly signed 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, third 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. Alco Ranches, of Sidney
   (Name of Appropriator) (Address) (Town)

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

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

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 2,000 gallons per day

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1958

   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: windmill, type pump 6 inch metal casing about 100 feet deep

   10. The estimated amount of groundwater withdrawn each year: 200,000 gallons per year

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

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

   ALCO RANCHES
   Signature of Owner
   December 30, 1963
   Vice President

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

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

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

[Handwritten text: December 3, 1965]

[Handwritten text: filed]

[Handwritten text: filed]
Recently a copy of a groundwater appropriation form,

- GW 1, Notice of Appropriation of Groundwater
- GW 2, Notice of Completion of Groundwater Appropriation by means of Well
- GW 3, Notice of Completion of Groundwater Appropriation Without Well
- GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1963)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner: Covered Wagon Ranch    Address: Sausage, Montana

Location:                    Document No.: 315228

This is to inform you that your GW form has been received and is complete as filed.

This is a request for additional information if available. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please indicate the location of the well on the enclosed form.

- Other.

The appropriator of groundwater by means of a natural flowing water well should be aware that waste of groundwater is prohibited and that "all flowing wells are to be capped or equipped with valves that the flow of water can be stopped when the water is not being put to beneficial use." (Section 89-2926, under Chapter 237, Montana Session Laws, 1961.)
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

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

| Water use     | X | Domestic | X | Municipal | Stock | Irrigation |

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

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Ft. to Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 22</td>
<td>Sand and gravel</td>
</tr>
<tr>
<td>22 - 44</td>
<td>Clay and gravel</td>
</tr>
<tr>
<td>44 - 58</td>
<td>Coal</td>
</tr>
<tr>
<td>53 - 89</td>
<td>Blue clay</td>
</tr>
<tr>
<td>89 - 112</td>
<td>Blue sandy clay</td>
</tr>
<tr>
<td>112 - 144</td>
<td>Hard sand</td>
</tr>
<tr>
<td>144 - 156</td>
<td>Blue clay</td>
</tr>
<tr>
<td>144 - 176</td>
<td>Blue sandy clay</td>
</tr>
<tr>
<td>176 - 198</td>
<td>Blue clay</td>
</tr>
</tbody>
</table>

End of Log
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

To Lands:
Owner:
Address:
Driller:
Address:
Date of Appropriation of Groundwater: Oct. 15-1963
Date well started: 9-6-63 Date completed: 9-19-63
Type of well: Drilled Equipment used: Churn Drill

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 Defined 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>Inch</td>
<td>ft. 7.75</td>
<td>m. ft. 192</td>
<td></td>
<td>none</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Water enters well casing at bottom.</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well 90.0 feet.

Shut-in Pressure for Flowing Well was not the case.

Pumping Water Level 1/70 feet at 6 gal per minute.

Discharge in gal. per min. of flowing well was not the case.

How Tested: Drill Bail Length of Test 3 Hours.

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

Well Casing is cemented at ground level for support & sanitation.

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.
286075

STATE OF MONTANA
County of Richland,

Filed this 27th day of December, 1923, at 10:37 a.m.

C. L. Cooper
County Recorder

John D. Price
Deputy

2-00
filed
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Anna E. Zel
   (Name of Appropriator)
   of Box 194
   (Address)
   of Richland
   (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 is for livestock and household.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1951

   4. The amount of groundwater claimed: 85 ft of water capable of furnishing 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.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: July 1951.

   8. The depth of water table: 133 ft.

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

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

   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 Anna E. Zel
   Date: 12/30/63

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

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

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
ADWINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. **ANNA EITTEL**
   (Name of Appropriator)

   County of **RICHARD**
   (Town)

   State of **MONTANA**

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

3. Date or approximate date of earliest beneficial use: 1923

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **50 ft. of 80 gph**

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: **Lift Pump**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1923

8. The depth of water table: **130 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 length: 210 ft. deep**

10. The estimated amount of groundwater withdrawn each year: **200,000 g.t.**

11. The log of formations encountered in the drilling of each well if available: **Exact formations unavailable due to sandy sand.**

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: **ANNA EITTEL**

   Date: **12/30/65**

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

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

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

Filed this 31st day of 
Decemr. A. D. 1963 
at 10 o'clock in the 
morning. 

E. A. Keeler 

County 

K. Atchison 

Judge

[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. Altavista Town, Richland
(Name of Approporator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

4. The amount of groundwater claimed (in miner's inches or 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.

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 references 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 Approporator.
STATE OF MONTANA,
County of Richland,

Filed this 31st day of December, A.D. 1365,
at 12 o'clock, P.M.

L. B. Kunkel
County Recorder

Filed 92620
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Jack Geithower, of Ats. Storage
County of Richland, 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: Household livestock drinking-water

2. Date or approximate date of earliest beneficial use and how continuous the use has been: 1960 - 1967

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 1000 gallons per day

4. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 100 acres

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

6. The depth of water table: 105 feet

7. The estimated amount of groundwater withdrawn each year: 600,000 gallons

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

9. 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 recorded

Signature of Owner: Jack Geithower
Date: Jan. 27, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropria tor.
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: 
Date well started: 
Date Completed: 
Type of well: Drilled 
Equipment Used: Piping, drill, drill rig or other 
Water Use: Domestic 
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Pipe</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 90 feet.
Shut-in Pressure for Flowing Well: 
Pumping Water Level: 180 feet at 10 gal. per minute.
Discharge in gal per min. of flowing well: 
How Tested: Bailed 
Length of Test: 3-Nor.
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 Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Jack Speithoven, of St. L., Savage (Name of Appropriator)
   County of Richland (Place of Appropriation) State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

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

3. Date or approximate date of earliest beneficial use: and how continuous the use has been: 1910 - continuous use since 1910

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1000 gallons per day

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 each 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: 1910

8. The depth of water table: 9.2 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: 35,000 gallons

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: not recorded

Signature of Owner: Jack Speithoven
Date: Dec. 27, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriate.
286098

STATE OF MONTANA, 

County of Richland, 

Filed the 27th day of December, A.D. 1948, at 2 o'clock, P.M.

G. A. Neches
County Clerk

[Signature]

[Entries on the page:]

Fee $ 5.00
Filed
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
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, as amended)

Jack Spitzer
Address: Savage

C L. Star
Address: Box 113-14

Date of Notice of appropriation of groundwater: May 1-69
Date well started: May 15-69
Date well completed: May 15-69

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

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

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

<table>
<thead>
<tr>
<th>Size of Screen Hole</th>
<th>Strata and Weight of Cement</th>
<th>From</th>
<th>To</th>
<th>PEROFORMANCES</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>1/1</td>
<td>0</td>
<td>133</td>
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Static Water Level for non-flowing well 127 feet.
Shut-in Pressure for Flowing Well
Pumping Water Level 132 feet at 31/2 gal. per minute.
Discharge in gal. per min. of flowing well

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

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 filed by the owner with the County Clerk and Recorder in the county in which the well is located, those copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
STATE OF MONTANA,
County of Richland, ss.

Filed this ______ day of ______, A.D. ______, at ______ o'clock ______ M.

[Signature]
County Recorder

[Signature]
County Recorder

Filed
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Dec. 31, 1963
Owner: Clark Bros.
Address: Savage, Mont.
Contractor (if any): Richland Co. P. O.
Address of Contractor: 
Date Started: July 1, 1963 Date Completed: July 10, 1963

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

Spring in Large Dam

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.

N. 1/2 Sec. 31 T. 20 R. 57
Indicate point of appropriation and place of use, if possible.

Great Stock in water at

Signature of Owner: Clark Bros.
Date: Dec. 31, 1963

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

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

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

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

29237
STATE OF MONTANA

County of Richland,

Filed this ________________ day of

December, A. D. 1963.

at ________________ o'clock, A.M.

E. H. Koch
County Recorder

E. Tales
Clerk
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

(Name of Appropriator) (Address) (Town)

County of... State of Montana

1. 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 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 as may be useful in carrying out the policy of this act, including reference to book of any county record

Signature of Owner

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

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

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

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

1. Clark Bros., of R. R. 2 Box 7, SAVAGE
   County of RICHLAND, State of MONTANA
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 100 gal.

   5. If used for irrigation, the acreage and description of the lands to which water has been applied and name of the owner thereof: 10 ac.

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

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

   8. The depth of water table: 65 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: Bare 1 well 65 ft.

   10. The estimated amount of groundwater withdrawn each year: 10000 gal.

   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: Clark Bros.
   Date: Jan 2, 1964

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

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

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

Filed this 22 day of January, A.D. 1969, at 9:15 o'clock A.M.

E.D. Rockford
County Recorder

E. J. Shad
Deputy

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

Owner: 
Address: 

Driller: 
Address: 

Date of Notice of appropriation of groundwater: 

Date well started: 
Date completed: 

Type of well: [ ] Drill [ ] Churn
Equipment used: [ ] Drill [ ] Churn

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>Stratum of Depth</th>
<th>Stratum of Weight</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top of Ground</td>
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</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)

Indicates 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).

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. Name: Carville, of: Sacagawea (Address)
   County: Flathead, 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 acreage and description of the lands to which water has been applied and name 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: Dec. 23, 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.

29890
STATE OF MONTANA,
County of Richland,

Filed this 27 day of December, A. D. 1963,
at 2:00 o'clock P.M.

L. E. Brackett
County Recorder

Fee $2.00
filed
WATER WELL LOG

Owner:  Horst Carnwell  Address:  Savage, Mont.
Driller:  Tom Sluder  Address:  Savage, Mont.
Date Started:  Sept. 12, 1958  Date Completed:  Sept. 17, 1958
Location:  Sec. 31 T. 20 N R. 57 E  1/4 sec. 5 E

Type of well:  Bored  Equipment used:  Rotary

Water use:  Domestic  Municipal  Stock  Irrigation

Industrial  Drainage  Other:  

Casing:  12-in. ft. to 70 ft.  Type:  Casing  Size:  

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

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

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

Type of screen or perforations:  

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

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

Pumping water level:  feet at  gallons per min.

How tested:  Pumped with ordinary pump

Length of test:  

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
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<td>STATE OF MONTANA</td>
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<td>Filed the</td>
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<td>06-18-20</td>
<td>2021</td>
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<td>County Clerk</td>
<td>Official</td>
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<td>Signed</td>
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</tbody>
</table>


MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Noel L. Deane  Address: Webster, Ind.
Driller: David Bullen  Address: Libby, Mont.

Date Started: 10-18-58  Date Completed: 5-18-59

Location: Sec. 34  T. 30 N  R. 57 W  14 sec. SW

Type of well: Drilled

Equipment used: Spudding

(Time, driven, bored, or drilled)

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

Industrial [ ]  Drainage [ ]  Other [ ]

Casing: 0 ft. to 151 ft. Type: Steel  Size: 6 5/8

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: 28 ft. from Top  feet

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

Pumping water level: 28  feet at 20  gal. per min.

How tested: Baia

Length of test: 5 Hours steady

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

Gravel packed in bottom

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 – 14</td>
<td>Brown clay + gravel</td>
</tr>
<tr>
<td>14 – 46</td>
<td>gravel</td>
</tr>
<tr>
<td>46 – 48</td>
<td>sand</td>
</tr>
<tr>
<td>48 – 90</td>
<td>sand</td>
</tr>
<tr>
<td>90 – 91</td>
<td>coal</td>
</tr>
<tr>
<td>91 – 94</td>
<td>sand</td>
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<tr>
<td>94 – 115</td>
<td>coal</td>
</tr>
<tr>
<td>115 – 148</td>
<td>sand</td>
</tr>
<tr>
<td>148 – 151</td>
<td>Perm. gravel</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Date of Appropriation of Groundwater: 1-1-58
Owner: Mr. Bradly
Address: Sidney, Mont.

Contractor (if any): Mo. County Park
Address of Contractor: Sidney, Mont.

Date Started: 1-1-58       Date Completed: 1-10-58

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

10  ft. - Water depth
Storage dam

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.

12 months
26 acres

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

Signature of Owner: L. Rice
Date: May 15, 1968

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 Appropriate.
STATE OF MONTANA
County of Richland

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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: 10-2-57

Owner: [Name]
Address: [Address]

Contractor (if any): [Name]
Address of Contractor: [Address]

Date Started: 10-2-57
Date Completed: 12-20-57

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

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

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

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

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

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

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

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

Filed this 25th day of July A.D. 1969
at 1:07 o'clock P.M.

[Signature]
County Recorder

[Signature]
Register

Filed
## Groundwater Index

**County: Richland**  
**Twp.: 20N**  
**Rge.: 68E**

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STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Charles Nelson, of Savage, County of Richland, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earlier beneficial use; and how continuous the use has been. 1947 and May 1947, continued

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

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

8. The depth of water table. 25 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. Land point

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

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: Charles Nelson
Date: Dec 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 Richland,

Filed this 30th day of April, A.D. 19... at... o'clock, P.M.

[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)

Name or Appropriator: Charles Nelson
Location: Richland
State of Montana

I. Name of Appropriator: Charles Nelson
   Address: Savage

II. County of Appropriation: Richland
   State of Montana

III. Description of the area appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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IV. [Diagram of area]

V. Date or approximate date of earliest beneficial use: 1937

VI. The amount of groundwater claimed (in miner's inches per minute): 9 gal per minute

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

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

IX. The depth of water table

X. 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

XI. The estimated amount of groundwater withdrawn each year

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

XIII. 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 Nelson
Date: Dec 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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

   2. The beneficial use on which the claim is based

   3. Date or approximate date of earliest beneficial use; and how continuous the use was out of year:

   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: Karl Schuman
   Date: Jan. 6, 1964

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

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