ROBERT G. YARBER

TO

THE PUBLIC

STATE OF MONTANA

COUNTY OF MISSOURI

OFFICE OF COUNTY CLERK & RECORDER

Filed this 26th day of December 1963, A.D.
at 3:05 o'clock p.m.

[Signature]
County Clerk

FEE $2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Robert L. Fyffe, of Cora, (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 is stock water.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12.5 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 is: Pump.

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

8. The depth of water table 110 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater well depth 120 feet.

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 The estimated amount of groundwater withdrawn each year 100,000 gallons.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

Signature of Owner: Robert L. Fyffe
Date 1/1/64

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
WATER WELL LOG FILE NO. 308

ROBERT C. YAGER

TO

THE PUBLIC

STATE OF MONTANA
COUNTY OF INTOLE

OFFICE OF COUNTY CLERK & RECORDER

Filed this 26th day of Dec., 1963, A.D.

at 3:20 o'clock p.m.

COUNTY CLERK

FEE $2.00
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Robert J. Jeffer, of Cigale (Address) (Town)

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

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

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

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner: Robert J. Jeffer

Date: 12/30/1963

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 School of Mines and quadruplicate for the Appropriator.
DOC. NO. 127057

WATER WELL LOG FILE NO. 206

ROBERT G. YAAGER

TO

THE PUBLIC

STATE OF MONTANA
COUNTY OF ROOSE

OFFICE OF COUNTY CLERK & RECORDER

Filed this 26th day of December 1963, A.D.

at 3:20 o'clock p.m.

SS

COUNTY CLERK

FEE $2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

JAN 16 1964

1. Robert J. Toven
   (Name of Appropriator)
   Circle
   (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

   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

   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 12/16/1963

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

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

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

36278
DOC. NO. 127058
WATER WELL LOG FILE NO. 307

ROBERT G. YANGER

TO

THE PUBLIC

STATE OF MONTANA
COUNTY OF MCCONE
OFFICE OF COUNTY CLERK & RECORDER

Filed this 26th day of Dec. 1963 A.D.
at 3:15 o'clock p.m.

\[Signature\]
County Clerk

FEE $ 2.00
### Water Well Log

<table>
<thead>
<tr>
<th>County</th>
<th>R</th>
<th>S</th>
<th>Date Concluded</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Owner**: Mary Higgins

**Address**: Cheyenne, Mont.

**Driller**: Address

**Date Started**: Date

**Date Completed**: Date

**Location**: Sec., T., R., M. Sec. SW

**Type of Well**

- **Drilled**, **Driven**, **Bored**, or **Drilled** (Churn drill, rotary, others)

**Equipment Used**

- **Type**

**Water Use**

- **Domestic**
- **Municipal**
- **Stock**
- **Irrigation**
- **Industrial**
- **Drainage**
- **Others**

**Casing**: ___________ ft. to ___________ ft. Type ___________ Size ___________

**Casing**: ___________ ft. to ___________ ft. Type ___________ Size ___________

**Casing**: ___________ ft. to ___________ ft. Type ___________ Size ___________

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

**Type of Screen or Perforations**

**Static Water Level**, for non-flowing well: ___________ feet

**Shut-in pressure**, for flowing well: 1 lb./sq.in.; ___________ feet at ___________ (date)

**Pumping Water Level**: ___________ feet at ___________ gal. per min.

**How tested**: ___________

**Length of Test**: ___________

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

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

Water Well Log #133

State of Montana
County of Lincoln
Office of Clerk and Recorder

December 27th, 1961
A.D. 1661

[Signatures]
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: MC Jef Hangew. Address: Circle, Mont.
Driller: Albert Brown. Address: Broadway.

Date of Notice of Appropriation of Groundwater: 1957.
Date well started: Oct 3. Date Completed: Dec 2.

Type of well: Drilled. Equipment Used: Churn or Drilled.

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 in. 11/16 in.</td>
<td>131 ft</td>
<td>107 - 131 ft</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 6.5 feet.
 Shut-In Pressure for Flowing Well: 60.0 feet at 10 gal. per minute.
 Pumping Water Level: 10.0 feet at 10 gal. per minute.
 Discharge in gal. per min. of flowing well: 60.00 gal. per minute.
 How Tested: Balance.
 Length of Test: 10 days.

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.

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

Show exact depth of bottom.

Driller's License Number: [ ]
Driller's Signature: [ ].

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
WATER WELL LOG

MRS. TED WANDER

TO

THE PUBLIC

State of Montana
County of McCone

Office of Clerk and Recorder.

Filed this 10th day of December, A.D. 1962

8:40 A.M.

Deputy

Fee $2.00
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODES  
OFFICE OF STATE ENGINEER  

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

Owner: John Haber  
Address: Rockman, Montana

Driller: Albert Brock  
Address: Rockman, Montana

Date of Notice of Appropriation of Groundwater: N/A

Date well started: Dec. 23, 1963. Date completed: Dec. 31, 1963

Type of well: Drilled  
Equipment Used: Churn drill

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**

<table>
<thead>
<tr>
<th>Strata</th>
<th>Size of Grouted 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>6a</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>4s</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td>□</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for Non-flowing Well: 25 feet.

Shut-in Pressure for Flowing Well: N/A

Pumping Water Level: 65 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well: N/A

How Tested: Length of Test: 1 hour

Remarks: Gravel packed water main

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

Driller’s License Number: Albert Brock

Driller’s Signature: Albert Brock

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Appropriator.
WATER WELL LOG FILE NO. 568

JOHN HABER

TO

THE PUBLIC

STATE OF MONTANA )
COUNTY OF McCONE )

OFFICE OF COUNTY CLERK & RECORDER

Filed this 6th day of Jan., 1964 A.D.
at 12:30 O'clock, P. M.

FEE: $2.00

COUNTY CLERK

[Signature]

[Stamp: County Clerk]

[Stamp: Office of County Clerk & Recorder]
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>Cook, Bill</td>
<td>Well Log</td>
<td>182352</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Penn, Dana</td>
<td>GWP</td>
<td>181118</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Weymer, REuben</td>
<td>Well Log</td>
<td>152310</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Penn, Hydrom</td>
<td>Reserves</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Kirchner, Gene</td>
<td>Well Log</td>
<td>182319</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Herlach, Gene</td>
<td>GWP</td>
<td>141212</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Kirchner, Gene</td>
<td>GWP</td>
<td>187482</td>
<td></td>
</tr>
</tbody>
</table>
**MONTANA BUREAU OF MINES AND GEOLOGY**

**WATER WELL LOG**

- **Owner:** Bill Groh  
- **Address:** Circle, Montana
- **Driller:** Albert & Edward Frost  
- **Address:** Brookings, Montana
- **Date Started:** April 10, 1961  
- **Date Completed:** April 14, 1961
- **Location:** Sec. 1 T 19 R 47 Mils Montana

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Churn Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(Dug, driven, bored, or drilled)</td>
<td>(Churn drill, relay, other)</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Top ft. to 100 ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</table>

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

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Ft. 51&quot; to Ft. 55&quot;</th>
<th>Ft. 82&quot; to Ft. 96&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations:</th>
<th>Holes in casing</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>26 ft. from the top 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: (date)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pumping water level:</th>
<th>56 ft. from the top feet at 19 gal. per min. 30</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Length of test:</th>
<th>1 hour</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Gravel packed the water main

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top 20'</td>
<td>Yellow sandy dirt</td>
</tr>
<tr>
<td>20' - 38'</td>
<td>Sand</td>
</tr>
<tr>
<td>38' - 67'</td>
<td>Blue Clay</td>
</tr>
<tr>
<td>67' - 92'</td>
<td>Water baring sand</td>
</tr>
<tr>
<td>92' - 66'</td>
<td>Brown sand</td>
</tr>
<tr>
<td>66' - 89'</td>
<td>Water baring sand</td>
</tr>
<tr>
<td>89' - 87'</td>
<td>Blue sandy loam</td>
</tr>
<tr>
<td>87' - 95'</td>
<td>Water baring sand</td>
</tr>
<tr>
<td>95' - 100'</td>
<td>Blue clay</td>
</tr>
</tbody>
</table>

DOC. NO. 222260
WATER WELL LOG NO. 58

State of Montana
County of McCone
Office of Clerk and Recorder
Filed this 1st day of June A.D. 1961

Clay and Recorder
By
Deputy
Notice of Completion of Groundwater Appropriation by Means of Well

(under Chapter 237, Montana Session Laws, 1961)

Owner: Dorn Dennis  Address: Circle, Montana

Driller: Albert Brost  Address: Brookway, Montana

Date well started: Dec. 7, 1965  Date completed: Dec. 13, 1965

Type of well: Drilled  Equipment Used: Churn drill

(dug, driven, bored or churn, drill, rotary or other)

Water Use: Domestic  Stock

Municipal  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>Strata</th>
<th>Character</th>
<th>Height (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Blue clay 6/78</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water sand 1 7/8</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blue clay 18 4/8</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Show exact depth of bottom.

Static Water Level for non-flowing Well: 50 1/2 feet.

Shut-in Pressure for Flowing Well: 15 feet at 15 gal. per minute.

Pumping Water Level: 135 1/2 feet at 15 gal. per minute.

Discharge in gal, per min. of flowing well: 25 gal.

How Tested: Water level.

Length of Test: 25 min.

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

Gravel packed to 50 1/2 from the top.

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

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

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

Driller's License Number

Albert Brost

Driller's Signature
131118

Water Well Log #637
Well Location: 
County: 

Date of Well and Party:

Found Oil: Jan 17th 1926

January 17, 1926

10:00 a.m.

M. L. Greenback

Paid: $2.00

Notary:

[Signature]
**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Owner</strong></td>
<td>Ruben Wagner</td>
</tr>
<tr>
<td><strong>Date Started</strong></td>
<td>August 14, 1961</td>
</tr>
<tr>
<td><strong>Date Completed</strong></td>
<td>August 26, 1961</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>Sec. 17, T. 19, R. 47, ¼ sec. W.W.</td>
</tr>
<tr>
<td><strong>Type of well</strong></td>
<td>Drilled</td>
</tr>
<tr>
<td><strong>Equipment used</strong></td>
<td>Churn drilled</td>
</tr>
<tr>
<td><strong>Water use</strong></td>
<td>Domestic</td>
</tr>
<tr>
<td><strong>Casing</strong></td>
<td>Top ft. to 36 ft.</td>
</tr>
<tr>
<td><strong>Casing</strong></td>
<td>36 ft. to 177 ft.</td>
</tr>
<tr>
<td><strong>Perforated or Screened</strong></td>
<td>Ft. 158 to 170</td>
</tr>
<tr>
<td><strong>Static Water level</strong></td>
<td>24 feet from the top</td>
</tr>
<tr>
<td><strong>Shut-in pressure</strong></td>
<td>1 lb./sq. in. on</td>
</tr>
<tr>
<td><strong>Pumping water level</strong></td>
<td>76 feet at 16 gal. per min. 30</td>
</tr>
<tr>
<td><strong>How tested</strong></td>
<td>Water tested</td>
</tr>
<tr>
<td><strong>Length of test</strong></td>
<td>30 minutes</td>
</tr>
<tr>
<td><strong>Remarks</strong></td>
<td>Gravel packed, cementing, packers, type of shut-off</td>
</tr>
</tbody>
</table>

Gravel Packed Water Vein

(over)
# Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td>0</td>
<td>16</td>
<td>Yellow sandy loam</td>
</tr>
<tr>
<td>16</td>
<td>20</td>
<td></td>
<td>gravel</td>
</tr>
<tr>
<td>30</td>
<td>35</td>
<td></td>
<td>Blue clay</td>
</tr>
<tr>
<td>35</td>
<td>42</td>
<td></td>
<td>Blue sandy loam</td>
</tr>
<tr>
<td>42</td>
<td>47</td>
<td></td>
<td>Blue clay</td>
</tr>
<tr>
<td>47</td>
<td>54</td>
<td></td>
<td>Clay</td>
</tr>
<tr>
<td>54</td>
<td>116</td>
<td></td>
<td>Blue clay</td>
</tr>
<tr>
<td>116</td>
<td>118</td>
<td></td>
<td>Dark sandy loam</td>
</tr>
<tr>
<td>118</td>
<td>120</td>
<td></td>
<td>Clay</td>
</tr>
<tr>
<td>120</td>
<td>128</td>
<td></td>
<td>Blue clay</td>
</tr>
<tr>
<td>128</td>
<td>130</td>
<td></td>
<td>Grey clay</td>
</tr>
<tr>
<td>130</td>
<td>137</td>
<td></td>
<td>Water sand</td>
</tr>
<tr>
<td>137</td>
<td>177</td>
<td></td>
<td>Blue clay</td>
</tr>
</tbody>
</table>

WATER WELL LOG NO. 77

Doc. No. 122910

Ends of Montana
County of Missoula

Office of Clerk and Recorder

Filed this 18th day of October, A.D. 19__ at 3:00 o'clock P.M.

[Signature]

By: N.O. Deputy
January 16, 1973

Enclosed you will find a copy of a release agreement for the utilization of a fresh water well.

Operator: Continental Oil Company
Lease Name: Burlington-Northern
Well No. 1: Section 23, Township 19N, Range 47E

Yours very truly,

[Signature]

Donald E. Chisholm
Acting Administrator

cc: Mr. W. Bond
 Bureau of Mines and Geology
 Butte, Montana 59701
know all men by these presents, that I, Hudson S. Dennis, of the County of McCone in the State of Montana, am the owner of the hereinafter described land upon which a well for oil or gas was drilled, to-wit:

Operator: Continental Oil Company
Lease Name: Burlington-Northern
Well No.: 1 Sec. 23, Twp. 19N, Rge. 47E
The well is located 1320 feet N of the North line and 1980 feet E of the East line.

That, in accordance with Regulation 233.6, Order No. 1-1, November 30, 1953, I do hereby notify the Board of Oil and Gas Conservation of the State of Montana of my desire to utilize said well as a fresh water well; and, that if such utilization is approved, I do hereby release and discharge the operator hereinafore named from any further work or responsibility in relation to the plugging of said well.

Water Use: Domestic X Municipal ___ Stock X Other ___
Industrial ___ Drainage ___ Irrigation ___

Producing Depth Producing Formation
Yield of well Annual Withdrawal

WITNESS my hand and seal this 6th day of January, 1973.

Landowner: Sam Conley
Address: 3404 Imperial, Midland, Texas 79701

IN THE PRESENCE OF:

Witness: Tony Casler
Address: 3404 Imperial, Midland, Texas 79701

APPROVED BY:

Board of Oil and Gas Conservation

Petroleum Engineer, Geologist, or Administrator
<table>
<thead>
<tr>
<th>County</th>
<th>In. Cona</th>
</tr>
</thead>
</table>

**MONTANA BUREAU OF MINES AND GEOLOGY**

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner</th>
<th>Gane Kishner</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Garden, Montana</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Albert &amp; Edward Broat</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Brooklyn, Montana</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>April 17, 1961</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Completed</td>
<td>April 22, 1961</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location:</th>
<th>Sec. 26, T. 17 R. 47, S. 1/4 sec. 54, T. 17 of Sec. 25</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Equipment used</th>
<th>Churn Drill</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Top</th>
<th>ft. to</th>
<th>124 ft.</th>
<th>Type</th>
<th>Steel</th>
<th>Size: 4&quot;</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to</th>
<th>124 ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Ft. 165 ft. to Ft. 184 ft.</th>
<th>Holes in casing</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>108 ft. from the top</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
<th>lb/sq. in. on:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pumping water level: 130 ft. feet at 13 gal. per min. 30</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How tested</th>
<th>Balor</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Length of test</th>
<th>2 hour</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Gravel packed the vain</th>
</tr>
</thead>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>Top</td>
<td>21'</td>
</tr>
<tr>
<td>21'</td>
<td>33'</td>
</tr>
<tr>
<td>38'</td>
<td>45'</td>
</tr>
<tr>
<td>45'</td>
<td>52'</td>
</tr>
<tr>
<td>52'</td>
<td>58'</td>
</tr>
<tr>
<td>58'</td>
<td>62'</td>
</tr>
<tr>
<td>62'</td>
<td>64'</td>
</tr>
<tr>
<td>64'</td>
<td>73'</td>
</tr>
<tr>
<td>73'</td>
<td>87'</td>
</tr>
<tr>
<td>87'</td>
<td>102'</td>
</tr>
<tr>
<td>102'</td>
<td>103'</td>
</tr>
<tr>
<td>103'</td>
<td>132'</td>
</tr>
<tr>
<td>132'</td>
<td>140'</td>
</tr>
<tr>
<td>140'</td>
<td>151'</td>
</tr>
<tr>
<td>151'</td>
<td>162'</td>
</tr>
<tr>
<td>162'</td>
<td>180'</td>
</tr>
<tr>
<td>180'</td>
<td>186'</td>
</tr>
</tbody>
</table>

**Log of Well**

WATER WELL LOG NO. 57

State of Montana 1st
County of McCone 1st
Office of Clerk and Recorder.

Filed this June A.D. 1961
at 10:30 o'clock A.M.

By: Don Hume

Certifying Recorder
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater—Spring, not deeper

Owner's Name: Bacon Address: Circle, Montana

Contractor (if any): 

Address of Contractor: 

Date Started: Date Completed: 

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

Installing pipe to depth of 

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

Used & conserved out of the year amount of water: 

Signature of Owner: 

Date: 

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
Water Well Log File No. 729

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

Filed this 28th day of June, A.D. 1923
at 9:45 a'clock A.M.

Maria L. Brennan
Clerk and Recorder

By: Thos. L. Flesher
Deputy
Fax 82.00
Notice of Completion of Groundwater Appropriation by Means of Well

State of Montana

Office of State Engineer

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Gene Kirchner
Address: Circle, Montana

Driller: Albert Brost
Address: Brockway, Montana

Date of Notice of Appropriation of Groundwater: Dec. 4, 1963
Date Well Started: Nov. 26, 1963
Date Completed: Dec. 4, 1963

Type of Well: Drilled
Equipment Used: Churn drill (Aug, driven, bored or drilled)

Water Use:
- Domestic
- Municipal
- Stock
- Irrigation

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 in.</td>
<td>6 x 10 lbs per ft</td>
<td>top 68</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 26 feet.
Shut-in Pressure for Flowing Well: NA
Pumping Water Level: 27 feet at 22 gal. per minute.
Discharge in gal, per min. of flowing well: NA
How Tested: Balor
Length of Test: 1/4 hour

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)

No packing casing wore driven in

No. 45
Driller's License Number
Albert Brost
Driller's Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
WATER WELL LOG FILE NO. 337

DERR KIRCHNER

TO

THE PUBLIC

STATE OF MONTANA
COUNTY OF ROOSEV

OFFICE OF COUNTY CLERK & RECORDER

Filed this 27th day of Dec. 1963, A.D.

at 10:00 o'clock a.m.

COUNTY CLERK

FEE: $2.00

RECEIVED

1963

FILE ENTRIES
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>James, Anna</td>
<td>GW2</td>
<td>123846</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Hart, Charles</td>
<td>GW2</td>
<td>123188</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Co-op Service</td>
<td>GW2</td>
<td>131463</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>CITY of Circle</td>
<td>GW2</td>
<td>137320</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Town of Circle</td>
<td>GW2</td>
<td>140126</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>LeRoy, Virginia Wells</td>
<td>GW4</td>
<td>127184</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>&quot;</td>
<td>&quot;</td>
<td>127186</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Pith, Samuel S.</td>
<td>well dig</td>
<td>123373</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>&quot;</td>
<td>&quot;</td>
<td>123373</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>&quot;</td>
<td>&quot;</td>
<td>123373</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>&quot;</td>
<td>&quot;</td>
<td>123373</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Mitchell County</td>
<td>GW2</td>
<td>138160</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Pith, Samuel S.</td>
<td>GW2</td>
<td>123373</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Smith, Matthew</td>
<td>well dig</td>
<td>122730</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Hamms, Varon</td>
<td>GW2</td>
<td>127186</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Fairgrounds</td>
<td>well dig</td>
<td>122731</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Vogt, Eugene E.</td>
<td>GW4</td>
<td>127227</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Quick Glen</td>
<td>GW2</td>
<td>126282</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Smith, Ernie</td>
<td>well dig</td>
<td>122732</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Wagner G. G.</td>
<td>GW2</td>
<td>127227</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Vogt, Eugene E.</td>
<td>GW4</td>
<td>127227</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: C. J. Joes  
Address: Circle, Montana  
Driller: Zoa G. vector  
Address: Toshiba, Montana

Date of Notice of Appropriation of Groundwater: 10/25/55  
Date well started: 10/25/55  
Date completed: 10/30/55  
Type of well: Drilled  
Equipment used: Cable

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 depth to which water rises in the well.

<table>
<thead>
<tr>
<th>Strata Met</th>
<th>Depth (feet)</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top Soil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Yellow Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand mixed with grey shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blue Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Black shale with streaks of coal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gray shale with water</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total Depth: 144'  
Static Water Level for non-flowing Well: 90'  
Shut-in Pressure for Flowing Well: 35 gal. per minute  
Pumping Water Level: 100'  
Discharge in gal. per min. of flowing well:  
How Tested: Drilled  
Length of Test: 6 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)  
Gravel packed

A tract of land known as tract "Z" lying in the north 1/4 of the SW¼ of Section 2-39-46 consisting of 5.37 acres belonging to Owen Jones.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Water Well Log #626
State of Montana
County of McCone
Office of Clerk and Recorder
Filed this 20th day of
November 29, A.D. 1925
at 11:00 o'clock A.M.

Theresa L. Brennan
Clerk and Recorder

F. E. Holland
Deputy

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

Owner: Charles Street Address: Circle, Mont.
Driller: Albert Brook Address: Butte,

Date of Notice of Appropriation of Groundwater:
Date well started: July 23, Date Completed: July 31

Type of well: Drilled, Equipment Used: Churn

Water Use: Domestic \x26amp; Municipal D Other Q Irrigation Q Industrial Q Drainage Q Stock

Please 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.

Static Water Level for non-flowing Well: 2.8 feet
Shut-in Pressure for Flowing Well:
Pumping Water Level: 90 feet per min. of flowing well

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.
132188
Water WELL Log #643.

State of Montana 1st.
County of McComb 1st.
Office of Clerk and Recorder.

Filed this ___________ 23rd. day of
December ___________ A. D. 19__66
at 0:00 o'clock A.M.

Elmer L. Brennan
Clerk and Recorder

By. William E. Hudson
Deputy

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

### Owner Information
Owner: Co-Op Service  
Address: Circle, Montana

### Driller Information
Driller: Daniel J. Hassarty  
Address: Lindsay, Montana

### Appropriation Details
- **Date of Notice of appropriation of groundwater**: 4/3/66
- **Date well started**: 4/3/66
- **Date completed**: 4/3/66
- **Type of well**: Drilled
- **Equipment used**: Cable tool drill
- **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 of Drilled Hole</th>
<th>Kind of Soil</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>69 gal. water</td>
<td>2 gal.</td>
<td>4&quot;</td>
<td>0</td>
<td>100</td>
</tr>
<tr>
<td>30 gal. blue sand</td>
<td>4 gal.</td>
<td>5&quot;</td>
<td>11&quot;</td>
<td>1/2&quot; slots</td>
</tr>
<tr>
<td>92 gal. grey sand</td>
<td>(water bearing)</td>
<td>4&quot;</td>
<td>0</td>
<td>100</td>
</tr>
<tr>
<td>30 gal. blue sand</td>
<td>4 gal.</td>
<td>5&quot;</td>
<td>11&quot;</td>
<td>1/2&quot; slots</td>
</tr>
<tr>
<td>180 gal. rock bottom</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well**: 80 feet

**Shut-in Pressure for Flowing Well**: not applicable

**Pumping Water Level**: 90 feet at 6 gal. per minute.

**Discharge in gal. per min. of flowing well**: not applicable

**How Tested**: Bailed and pumped

**Length of Test**: 6 hrs.

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

---

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

---

*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. One 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**: [Signature]

**Driller's Signature**: [Signature]

---

[Date]: 4/18/66
131463
Water Well Log #639

State of Montana
County of Missoula

Office of Clerk and Recorder

Filed this 29th day of
April 1966 A. D.
at 11:15 o'clock A. M.

By

Fees $2.00
STATE OF MONTANA

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner

Address

Date well started

Date well completed

Type of well

Equipment used

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

*Describe

USB: 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

PERFOSITIONS

<table>
<thead>
<tr>
<th>Size of Tract</th>
<th>Size of Water</th>
<th>Perforation</th>
<th>From Top:</th>
<th>To Top:</th>
</tr>
</thead>
<tbody>
<tr>
<td>10'</td>
<td>15'</td>
<td>10'</td>
<td>0 - 150'</td>
<td>15' - 300'</td>
</tr>
</tbody>
</table>

Static water level 110 ft.

Pumping water level 230 ft.

at 500 gallons per minute, measured minutes after pumping began.

*Measured from ground level.

Well developed by Pump for 30 hours.

Power Lift: Pump: 5 HP

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

A tract of land, called "C", and in the center of said tract "C", and in the 30 1/4 56 3/4 Sec 10.

Driller's Signature

Driller's Address

LICENSE NO. 73

License No. 73

Show exact depth of bottom

49.875
State of Montana
County of Missoula
Office of Clerk and Recorder.
Filed this 16th day of February, A.D. 1972 at 10:35 o'clock A.M.

Mary L. Buchanan
Clerk and Recorder

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

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

<table>
<thead>
<tr>
<th>Owner Town</th>
<th>Address</th>
<th>Driller Address</th>
<th>Date Notice Appropriation Groundwater</th>
<th>Date Well Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Type of well:** Drilled  
**Equipment Used:** Drithy  
(Dug, driven, bored or drilled)

**Water Use:**
- Domestic
- Municipal
- Other
- Irrigation

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

**Static Water Level for non-flowing Well**

**Shut-in Pressure for Flowing Well**

**Pumping Water Level**  
- 690 feet at 164 gal. per minute.

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

**How Tested:**
- Pumped with
- Length of Test: 18 hrs.

**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.)

<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>18 ''</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Kind of (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>18''</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Casing is cement graded to surface; screen is gravel packed with 160-180 Eq
- Claire sand

- Driller's License Number
- Driller's Name
- Driller's Address
- 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.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

JAN 6 1964

County of County of

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

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:  
   - 1920

4. The amount of groundwater claimed (in miner's inches or gallons per minute):  
   - 8 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:  
   - Not used for irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:  
   - 1920

8. The depth of water table:  
   - 80 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:  
   - 2 inch, cased with a 6 inch cylinder

10. The estimated amount of groundwater withdrawn each year:  
    - Not used for past 8 years

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:  
    - Unknown

Signature of Owner:  

Date:  

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology; and quadruplicate for the Appropriator.
WATER WELL LOG FILE NO. 426

W. LEE & WINIFRED LOWE

TO

THE PUBLIC

STATE OF MONTANA

COUNTY OF Missoula

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of Dec., 1963 A.D.
at 1:28 o'clock p.m.

FEE: $2.00

 Dishy Regal
COUNTY CLERK
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Wm. Lee & Minniefied LaRue, Box 234, Circle
(Name of Appropriator) (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: Livestock

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: Spring 1953

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

5. If used for irrigation, give the acreage and description of the lands to which water has been and name of the owner thereof:
   Acreage: 5.2 acres; 80' by 100'

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Pump, 20 ft.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Spring 1953

8. The depth of water table: About 35 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:
   2 inch cylinder

10. The estimated amount of groundwater withdrawn each year: 482.500

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

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

Signature of Owner: ______________
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.

36398
WATER WELL LOG FILE NO. 427

Wm. Lee & Vinnephed LeBowe

TO

STATE OF MONTANA

COUNTY OF McCOY

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of Dec., 1963 A.D.
at 1:29 o'clock p.m.

FEE: $2.00
**T. 19  R. 48**

**County: Butte**

**Montana Bureau of Mines and Geology**

**Water Well Log**

**State Engineer**

**Owner:** J. M. Smith

**Driller:** J. M. Smith

**Date Started:** Jan 4, 1961

**Date Completed:** Jan 4, 1961

**Location:** Sec. 11, T. 19, R. 48, + Sec. NE NE

---

**Type of well:** Drilled

**Equipment used:** Dug, driven, or drilled

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

**Industrial [ ]**  **Drainage [ ]**  **Other [ ]**

**Casing:** 77 ft. to 111 ft.  **Type:** Steel  **Size:** 6 inch

**Casing:** 111 ft. to [ ] ft.  **Type:**  **Size:**

**Casing:** [ ] ft. to [ ] ft.  **Type:**  **Size:**

**Perforated or screened:** Ft. 1 to ft. [ ]  Ft. [ ] to ft. [ ]

**Type of screen or perforations:** Dug 1" in casing

**Static water level, for non-flowing well:** 35 feet

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

**Pumping water level:** 45 feet at 5 gal. per min.

**Now tested:** [ ]

**Length of test:** 2 days

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

**Remarks:** (over)
# Log of Well

<table>
<thead>
<tr>
<th>Depth</th>
<th>Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td>Do not show</td>
</tr>
</tbody>
</table>

**123393**

*Water Well Log # 137*

---

*State of Indiana*

*COUNTY OF J. Duns*

*City of Court and Recorder*

*Filed this 29th day of December A.D. 19__*

*at 11:55 H. O'clock P.M.*

*Signed*

*By* 

*Fee: None*
## Water Well Log

**Owner:** Samuel X. Smith  
**Address:**  

**Driller:** [Name]  
**Address:**  

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

**Location:** Sec. 11, T. 19, R. 49, Sec. NE 1/4 NW 1/4

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Equipment Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Blank]</td>
<td>[Blank]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water Use</th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Industrial</td>
<td>[Blank]</td>
<td>Drainage</td>
<td>[Blank]</td>
<td>Other [Blank]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>97 ft. to</td>
<td>[Blank]</td>
<td>18&quot;</td>
</tr>
<tr>
<td>ft.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Type of Screen or Perforations</th>
<th>[Blank]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Static Water Level, for Non-Flowing Well: 4.5 feet</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Shut-in Pressure, for Flowing Well: [Blank] lb./sq. in. on: [Blank] (date)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Pumping Water Level: 50 feet at 50 gal. per min.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>How Tested: With Flow Test Measure</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Length of Test: 3 Days</th>
</tr>
</thead>
</table>

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

(over)
<table>
<thead>
<tr>
<th>Depth</th>
<th>Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>77</td>
<td>Sand soon</td>
</tr>
<tr>
<td>77</td>
<td>97</td>
<td>Course water bearing gravel</td>
</tr>
</tbody>
</table>

Log of Well

Water Well Log # 138

Signed: [Signature]

State of Montana

County of [County]

Office of Clerk and Recorder

Filed this 29th day of December, A.D. 19[51]

[Signature]

Clerk and Recorder

By: [Signature]

Deputy
<table>
<thead>
<tr>
<th>County</th>
<th>T-19</th>
<th>R</th>
<th>F5</th>
<th>J1</th>
</tr>
</thead>
</table>

**MONTANA BUREAU OF MINES AND GEOLOGY**

**WATER WELL LOG**

**Driller: H. E. Bell**

**Address:** Chouteau, Montana

**Date Started:**

**Date Completed:**

**Location:** Sec 11, T 19, R H 5, S

**Type of Well:** Bore

**Equipment Used:** Drill

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

**Casing:**
- 70 ft to ft
- Type: Lined
- Size: 6"

**Casing:**
- to ft
- Type:
- Size:

**Perforated or Screened:**
- from ft to ft
- Furthermore:

**Type of Screen or perforations:**

**Static Water level:** For non-flowing wells:

**Shut-in pressure:** For flowing wells: 1 lb/sq.in.

**Pumping water level:** 30 feet at L gal. per min

**Now tested:** With [ ]

**Length of test:** [ ] days

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

[Signature]

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of material drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>100</td>
<td>100</td>
</tr>
<tr>
<td>200</td>
<td>200</td>
</tr>
<tr>
<td>300</td>
<td>300</td>
</tr>
<tr>
<td>400</td>
<td>400</td>
</tr>
<tr>
<td>500</td>
<td>500</td>
</tr>
</tbody>
</table>

State of Montana
County of McCone

Town of Choteau

P.O. Box

Date: 29th

By: Signature

For: Klock

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: 

Date well started: 
Date Completed: 

Type of well: 
Equipment Used: 

Water Use: 

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8&quot;</td>
<td>6&quot;</td>
<td>0</td>
<td>23&quot;</td>
<td>1/8&quot; slots</td>
</tr>
<tr>
<td>12/16&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 

Shut-in Pressure for Flowing Well: 

Pumping Water Level: feet at gal per minute.

Discharge in gal. per min. of flowing well: 

Length of Test: 

How Tested: 

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)

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.
Water Well Log #608

128238

Filed this 26th day of August, A.D. 1964, at 10:45 o'clock A.M.

[Signature]

Deputy
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, 1902
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: 

Driller: 

Date of Notice of appropriation of groundwater: 

Date well started: 6/1/73  Date completed: 6/2/73

Type of well: Dug, driven, bored or drilled

Equipment used: Cable tool

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Driller</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>Kind of Pipe</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>5 5/8</td>
<td>8</td>
<td>62</td>
<td>none</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5 9/8</td>
<td>4 00</td>
<td>0</td>
<td>62</td>
<td>steel 54</td>
<td>54</td>
<td>62</td>
</tr>
</tbody>
</table>

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

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, these copies to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Doc. #138160
WATER WELL LOG FILE #595

State of Montana
County of McCone
Office of Clerk and Recorder.
Filed this 15th day of June, A.D. 19__
at 10:30 o'clock A.M.

[Signature]
Clerk and Recorder
By: [Signature]
Deputy
Fee: None
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 9, 1961</td>
<td>May 12, 1961</td>
</tr>
</tbody>
</table>

**Owner:** Matthew James  
**Address:** Circle, Montana

**Driller:** Albert & Edward Brost  
**Address:** Brockway, Montana

**Location:** Sec. 12 T. 19 R. 43 1/4 sec. S 24 W 4

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

**Water use:** Stock  
**Industrial**  
**Drainage**  
**Other:**

**Casing:**
- Top: 36 ft.  
- Type: Galvanized  
- Size: 6"

**Perforated or Screened:**
- Top: 80 ft. to 117 ft.  
- Type: 
- Size:

**Static Water level, for non-flowing well:** 76 ft. from the top

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

**Pumping water level:** 92 ft. feet at 10 gal. per min.  

**How tested:** Balor

**Length of test:** 4 hour

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

**Gravel packed water main**

---

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td>Yellow sandy loam</td>
</tr>
<tr>
<td>24'</td>
<td>Sand</td>
</tr>
<tr>
<td>45'</td>
<td>Coal</td>
</tr>
<tr>
<td>65'</td>
<td>Yellow sandy loam</td>
</tr>
<tr>
<td>82'</td>
<td>Blue clay</td>
</tr>
<tr>
<td>10'</td>
<td>Blue sandy loam</td>
</tr>
<tr>
<td>22'</td>
<td>Water sand</td>
</tr>
<tr>
<td>52'</td>
<td>Blue sandy loam</td>
</tr>
<tr>
<td>130'</td>
<td>Coal</td>
</tr>
<tr>
<td>135'</td>
<td>Blue clay</td>
</tr>
</tbody>
</table>
**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL**

Developed after January 1, 1962

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

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

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

**Owner**

Vernon Harris

**Address**

Montana

**Date well started**

11/23/70

**Type of well**

Drilled

**Equipment used**

Rotary

**Water Use**

Domestic • Municipal • Stock • Irrigation • Industrial • Drainage • Other • Garden/Lawn

*Describe*

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

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Size of Bottom</th>
<th>Size of Top</th>
<th>From</th>
<th>To</th>
<th>From</th>
<th>To</th>
<th>To</th>
<th>From</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>62'</td>
<td>4'</td>
<td>1</td>
<td>65'</td>
<td>0</td>
<td>5</td>
<td>38</td>
<td>1</td>
<td>15</td>
<td>0</td>
</tr>
</tbody>
</table>

Static water level...

Pumping water level...

at...
gallons per minute, measured...
minutes after pumping began.

*Measured from ground level, Well developed by...
for...hours.*

Power...
Pump...
HP

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

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

Each small square represents 40 acres.

Driller's Signature

Driller's Address

LICENSE NO.
137581

Circuit Court of
County of

Office of Clerk and Recorder

Filed this 29th day of December, A.D. 19__ at 10:30 o'clock A.M.

[Signature]

Clerk and Recorder

[Signature]

Date: ___/___/___

Fee $2.00
<table>
<thead>
<tr>
<th>Owner</th>
<th>Grounds</th>
<th>Address</th>
<th>Circle, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Albert &amp; Edward Brost</td>
<td>Address</td>
<td>Broadway, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>May 1, 1961</td>
<td>Date Completed</td>
<td>May 6, 1961</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 15 T. 19 R. 48 NW 1/4 sec. S. E. 1/4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well Drilled</th>
<th>Equipment used</th>
<th>Casing Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dug, driven, bored, or drilled</td>
<td>Churn drill, rotary, other</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Casing: top</th>
<th>ft. to 37' ft.</th>
<th>Type Steel</th>
<th>Size 6&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing: 37'</td>
<td>ft. to 81' ft.</td>
<td>Type Steel</td>
<td>Size 4&quot;</td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Ft. 70' to ft 79' Ft.</td>
<td>Size to ft.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
<th>Holes in casing</th>
</tr>
</thead>
</table>

Static Water level, for non-flowing well: 20' from the top feet.
Shut-in pressure, for flowing well: lb/sq. ft on: (date)
Pumping water level: 26' from the top feet at 25 gal. per min. 30

How tested: Ruler
Length of test: 1/2 hour
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
Gravel packed: the water vein

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top 18'</td>
<td>Yellow sandy dirt</td>
</tr>
<tr>
<td>18' 34'</td>
<td>Gravel</td>
</tr>
<tr>
<td>34' 46'</td>
<td>Blue sandy loam</td>
</tr>
<tr>
<td>46' 50'</td>
<td>Coal</td>
</tr>
<tr>
<td>50' 66'</td>
<td>Blue sandy loam</td>
</tr>
<tr>
<td>66' 70'</td>
<td>Blue clay</td>
</tr>
<tr>
<td>70' 76'</td>
<td>Water sand</td>
</tr>
<tr>
<td>76' 81'</td>
<td>Blue clay</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)

STATE ENGINEER

1. Eugene E. Vojtiska
   (Name of Appropriator)
   of Box 197, Circle, (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. Bure and Livestock

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been. November 1955 and has been used every day ever since

   4. The amount of groundwater claimed (expressed in feet of gallons per minute). 50 gallons per minute

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. On lands as described and used for garden and trees and the term

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. November 1955

   8. The depth of water table. 70 feet

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled well - 6 inches in diameter. Jet Pump. Depth of well 77 feet

   10. The estimated amount of groundwater withdrawn each year. 1,258,000 gallons

   11. The log of formations encountered in the drilling of each well if available. Clay - gravel - quick sand - gumbo - lignite coal - blue clay

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

Signature of Owner. Eugene E. Vojtiska
Date December 31st, 1963

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

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

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