(STATE OF MONTANA)

COUNTY OF ROSEBUD)

Received the 27th day of September
1846, R.R. Dellock, M.

Edward Wood

County Clerk & Recorder

Kitty Dickson

Dated
**Form No. 18**

**T. 24**  **R. 33 E**

**County** Rosebud

---

**MONTANA BUREAU OF MINES AND GEOLOGY**
**Butte, Montana**

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Keith Hendrix</td>
</tr>
<tr>
<td>Address</td>
<td>Melstone, Mont.</td>
</tr>
<tr>
<td>Driller</td>
<td>P. I. Ferguson</td>
</tr>
<tr>
<td>Address</td>
<td>Roundup, Mont.</td>
</tr>
<tr>
<td>Date Started</td>
<td>10-25-61</td>
</tr>
<tr>
<td>Date Completed</td>
<td>10-30-61</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 24, T. 9N, R. 33E, 1/4 sec. Center</td>
</tr>
</tbody>
</table>

**Type of well**

- Churn  
- Equipment used: Drilled (Aug, drive, bored, or drilled)

**Water use**

- Domestic  
- Municipal  
- Stock [X]  
- Irrigation  
- Industrial  
- Drainage  
- Other  

**Casing**

- 1 ft. to 200 ft.  
- Type: Galv.  
- Size: 6-in.

**Perforated or Screened**

- Ft. 50 to Ft. 60  
- Ft. 180 to Ft. 190

**Type of screen or perforations**

- Factory mud slots

**Static Water level, for non-flowing well:** 110 feet.

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

**Pumping water level:** 166 feet at 7 gal. per min.

**How tested:** Boiling

**Length of test:** 30 min.

**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></td>
<td>0</td>
<td>15</td>
<td>Sand</td>
</tr>
<tr>
<td></td>
<td>15</td>
<td>60</td>
<td>Sand, H2O-3 gal./per. min.</td>
</tr>
<tr>
<td></td>
<td>60</td>
<td>85</td>
<td>Ton of Cleggott</td>
</tr>
<tr>
<td></td>
<td>85</td>
<td>145</td>
<td>Shale</td>
</tr>
<tr>
<td></td>
<td>145</td>
<td>185</td>
<td>Sandy</td>
</tr>
<tr>
<td></td>
<td>185</td>
<td>190</td>
<td>Sand, H2O-7 gal./per. Min.</td>
</tr>
<tr>
<td></td>
<td>190</td>
<td>200</td>
<td>Shale</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: ____________________________

Owner: ____________________________
Address: ____________________________

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. Attach a sketch above if below ground principally.

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: ____________________________
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.
The document is a form titled "Declaration of Vested Groundwater Rights" under Chapter 237, Montana Session Laws, 1961. It contains the following information and requirements:

1. Name of Appropriate: Ralph Burchridge
2. Address: Lumina
3. Town: State of Montana
4. Have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:
   - Water is pumped for the benefit of the following land use:
   - Date or approximate date of earliest beneficial use and how continuous the use has been: Early Spring 1944
   - Amount of groundwater claimed (in miner's inches or gallons per minute):
   - If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner:
   - Indicate point of appropriation and place of use, if possible:
   - The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   - The depth of water table:
   - So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   - The estimated amount of groundwater withdrawn each year:
   - The log of formations encountered in the drilling of each well:

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 ROSEBUD)

Filed on the 29th day of December
1873 at 2 o'clock P.M.

By

County Clerk of Rosebud

2c. pp

Thayer
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 | Town | State of
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Treasure</td>
<td></td>
<td>Montana</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>1. J. R. Cokerman Company</th>
<th>Address</th>
<th>Helena</th>
</tr>
</thead>
</table>

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

3. Date or approximate date of earliest beneficial use: Used approximately six months of every year since July 1943.

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - Pump with 10 ft. well.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: (all completed July 1943).

8. The depth of water table: 6 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 20 feet deep with 6' casing; 5 ft. of 1' pipe with 7/8' well roof; 3' brick cylinders.

10. The estimated amount of groundwater withdrawn each year: 650,000 gals.

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.

Signature of Owner: J. R. Cokerman Company

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropiator.
STATE OF MONTANA, COUNTY
ROSEBUD SS. FILED DEC.
27th, 1963, AT 3:30 P.M., CO.CLERK

[Signature]
By [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 of Appropriator
(Name of Appropriator)

Address
(Address)
(Town)

County of Treasure

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 water well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Used approximately six months of every year since July 1949

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

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

6. The means of withdrawing each water from the ground and the location of each well or other means of withdrawal: pump with 10 foot windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Well completed July 25, 1962

8. The depth of water table: 0 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 drilled 50 ft. with 6' casing 55 ft.
of 1/4" pipe with 7/16" well rods. 3" brass cylinder.

10. The estimated amount of groundwater withdrawn each year: 650,000 gals.

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

Signature of General Manager

Date: December 29, 1963

J. B. Ortonson Company

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 ROSEBUD SS. FILED DEC. 5th, 1963, AT 3 PM, CO. CLERK

by Lynda M. Porter
# Groundwater Index

**County:** Russell  
**Twp.:** 9 North  
**Rge.:** 35 East

<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>26</td>
<td>Homerus, Wilsdon</td>
<td>Cw 3</td>
<td>17993</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>McCallum, Bruce</td>
<td>water well</td>
<td>172982</td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>McCallum, Bruce</td>
<td>water well</td>
<td>173313</td>
<td></td>
</tr>
<tr>
<td>52</td>
<td>McCallum, Bruce</td>
<td>water well</td>
<td>173291</td>
<td></td>
</tr>
<tr>
<td>55</td>
<td>McCallum, Bruce</td>
<td>Cw 2</td>
<td>179171</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Dec. 31, 1963

Owner: Martha Heye

Address: Forysth, Mont.

Contractor (if any): None

Address of Contractor: Operation since 1892

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.

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

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.

Signature of Owner: Martha Heye

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.
Form No. 18 8-69

T. 9 N. R. 35 E. County: Richland

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

STATE ENGINEER

Owner: Overseas Address: Rich Monte
Driller: Clair Halverson Address: Butte Montana

Date Started: October 1956 Date Completed: November 1956

Location: Sec. 27 T. 9 N. R. 35 E. 1/4 sec. 7 1/2

Type of well: Drilled Equipment used: Rotary well drill

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

Casing: 180 ft. to _______ ft. Type _______ Size 6"
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: [ ] Screen, [ ] perforation

Static Water level, for non-flowing well: _______ feet.
Shut-in pressure, for flowing well: _______ lb./sq. in. on: _______ (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)

Further information should be gotten from the driller

(over)
<table>
<thead>
<tr>
<th>Log of Well</th>
<th>Description of Material</th>
</tr>
</thead>
</table>

**STATE OF MONTANA**
COUNTY OF ROSEBUD

Filed on the 24th Day of December, 1907.
Notarized this 26th Day of December, 1907.
Notary Public

# 173792

Depth, feet
From To

[Table continues with empty cells]
T. 9 N  R. 35 E
County: 

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
6-27-1951

WATER WELL LOG
STATE ENGINEER

Owner: Russel L. McCormick
Address: 429 Olive St.

Driller: Chris Hadland
Address: Butte, Mont.

Date Started: Dec. 1951
Date Completed: Dec. 1954

Location: Sec. 25 T. 9 N  R. 35 E 1 sec. S.W.

Type of well: Drilled
Equipment used: Regular well drill

Water use: Domestic  Stock  Irrigation
Municipal  Industrial  Drainage  Other

Casing: 50 ft. to  ____ ft. Type ______ Size 6"

Casing: ________ ft. to ________ ft. Type ______ Size ______

Casing: ________ ft. to ________ ft. Type ______ Size ______

Perforated or Screened: Ft. ________ to Ft. ______

Type of screen or perforations: perforated about 1 ft. from the bottom

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

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

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)

Further information should be gotten from the driller ________

(over)
<table>
<thead>
<tr>
<th>Log of Well</th>
<th>Description of Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth, Feet</td>
<td>From</td>
</tr>
</tbody>
</table>

STATE OF MONTANA
COUNTY OF ROSEBUD
Filed on: December 22, 1976
Well: 3124, Depth: 70 ft

No Bore
WATER WELL LOG

Owner: Russell L McCollum
Address: Butte, Montana

Driller: Not Known
Address:
Date Started: Unfilled
Date Completed: Same

Location: Sec. 37 T. 9 N R. 35 E ½ sec. 7 E

Type of well: [ ] Dig, [ ] Drive, [ ] boring, [ ] drilled
Equipment used: [ ] Rotary, [ ] Other

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

Industrial [ ] Drainage [ ] Other

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: [ ] lb./sq. in. on:

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, feet</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
</table>

Log of Well

Description of Materials

State of Montana
County of [illegible]

Filed on the [illegible] day of [illegible], 19[illegible]...velocity, P.M.

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

Owner: Bessie McCollum
Address: Ferguson, Mont.
Driller: Elbert E. Tolhurst
Address: Joseph, Mont.

Date of Notice of Appropriation of Groundwater: 1/16/63
Date well started: 9/16/63
Date completed: 9/16/63
Type of well: Drilled
Equipment Used: 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>Rise of Drilled Hole (Feet)</th>
<th>Rise and Weight of Casing (Feet)</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
<th>Kind of Hole</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>60</td>
<td>1114</td>
<td>0</td>
<td>114</td>
<td>Reamed</td>
<td>Blast</td>
<td>58</td>
<td>90</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 30 feet.
Shut-in Pressure for Flowing Well: Not Applicable.
Pumping Water Level: 10.9 feet at 10.9 gal. per minute.
Discharge in gal. per min. of flowing well: Not Applicable.
How Tested: Bailed
Length of Test: 2 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):

Not Applicable.

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.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>I. R. Milam, D. O. Milam</td>
<td>20616</td>
<td>17184</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Electric Co. Licenses Co.</td>
<td>0934</td>
<td>17184</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

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

Owner: A. D. Bowman Estate
Address: 301 Main St., Butte, Mont.

Date well started: 11-15-70
Date completed: 12-3-70
Type of well: Groundwater development
Equipment used: N/A

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

Describe: N/A

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>Diameter</th>
<th>Depth (ft.)</th>
<th>Recovery Rate (gpm)</th>
<th>Pressure (ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4''</td>
<td>0</td>
<td>180</td>
<td>85</td>
</tr>
<tr>
<td>2''</td>
<td>0</td>
<td>10</td>
<td>30</td>
</tr>
</tbody>
</table>

Static water level: 90 ft.
Pumping water level: 175 ft.

Well developed by: N/A
Power: N/A
Remarks: N/A

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

Driller’s Signature: J. D. Bowman
Driller’s Address: 420 S. 14th Ave., Butte, Mont., License No. 157

Top of Ground

<table>
<thead>
<tr>
<th>Fence</th>
<th>Stake</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>10</td>
<td>0</td>
</tr>
<tr>
<td>20</td>
<td>0</td>
</tr>
</tbody>
</table>

Show exact depth of bottom 180 ft.

COUNTY: Rosebud

18074
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. Name of Appropriator: Eric Krey Land Co. of Forsyth, Montana
   (Address) State of Montana
   County of Rosedale 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 Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Fall of 1957

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 20 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:
   25' x 11' cylinder on well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Fall of 1957

8. The depth of water table: 20 feet from ground level

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:
   4" x 76' well casing
   1½ inch pipe
   Depth: 187'

10. The estimated amount of groundwater withdrawn each year: 800,000 gallons

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

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: Paul K. Kley
   Date: May 4, 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 ROSEBUD

Filed on the 6th day of July, 1923, at 9:45 o'clock A.M.

Edward A. H.

County Clerk of Montana

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

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

Erickson Land & Livestock Co.

120 K. Erickson

of Forsyth

(State of Appropriator) (Address)

County of Rosebud 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 Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Sept. 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 Gallons Per Min.

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

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: Sept. 1961

8. The depth of water table: 15 ft. to 20 feet from ground level

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: 300,000 Gallons

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

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 May 7, 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 ROSEBUD

Filed on the 12th day of May, 1963, at 4:45 o'clock P.M.

J.W. Howard, Jr.
County Clerk of the Court

Detta M. Bass
<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>23</td>
<td>Woodward, John A.</td>
<td>G.W. F.</td>
<td>179370</td>
<td></td>
</tr>
</tbody>
</table>
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

J. A. ARMSTED WOODWARD, of MONTANA STATE
(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: January 1, 1960.

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 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 windmill.

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

8. The depth of water table: 20.

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: 24.

10. The estimated amount of groundwater withdrawn each year: 15,000.

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

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

Signature of Owner

Date: 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.
179796

STATE OF MONTANA, COUNTY
OF ROSEBUD SS. FILED DEC.
30, 1963, AT 3:30 M, CO. CLERK

[Signature]
# Groundwater Index

**County**: Rosseau  
**Twp.**: 9 North  
**Rge.**: 4 West

<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>4</td>
<td>Grey, John</td>
<td>G.W. 2</td>
<td>191337</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Grey, John</td>
<td>G.W. 2</td>
<td>179081</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Grey, John</td>
<td>G.W. 2</td>
<td>195253</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1968
(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: 
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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

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

<table>
<thead>
<tr>
<th>Size of Bored Hole</th>
<th>Site and Weights of Coating</th>
<th>Foot of Water</th>
<th>To (Foot)</th>
<th>PREPARATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></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

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

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

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

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, times copy to be retained by driller.

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

Owner's Signature: 
Driller's License Number: 
Driller's Signature: 

44,590
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: John Gray
Address: Angora, Mont.
Driller: Gilbert Lichten
Address: Lomita, Mont.

Date of Notice of Appropriation of Groundwater: 11/18/63
Date well started: 11/18/63
Date completed: 11/26/63

Type of well: Drilled
Equipment Used: Churn
(Dig, driven, bored or churned)

Water Use: Domestic [ ]
Municipal [ ]
Industrial [ ]
Dairy [ ]
Stock [ ]
Irrigation [ ]

Water bearing strata and height to which water rises in the well:
- 6'-10' Yellow Clay
- 0'-10' sand + gravel
- 26'-50' brown sand
- 50'-61' grey shale
- 61'-69' gravel
- 69'-69' grey shale

Static Water Level for non-flowing well: 49 feet

Shut-in Pressure for Flowing Well: Not Applicable

Pumping Water Level: 65 feet at 1 gal. per minute

Discharge in gal. per min. of flowing well: Not Applicable

How Treated: Bailed

Length of Test: 120 days

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

Driller's License Number: 104

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
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

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

Owner: John Gray
Address: Forsyth, MONTANA

Date well started: June 16, 1970
Date well completed: June 17, 1970

Type of well: Drilled
Equipment used: Rotary Drill

Water Use: Domestic, Irrigation

*Describe

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 Hole</th>
<th>Rate of Flow</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Perforations

<table>
<thead>
<tr>
<th>Pipe Type</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>196</td>
<td>194</td>
<td>195</td>
</tr>
</tbody>
</table>

Static water level: 155 ft.
Pumping water level: 170 ft.

Power: 1HP

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

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

Driller's Signature
Driller's Address

LICENSE NO.: 193

Show exact depth of bottom
STATE OF MONTANA,
COUNTY OF ROSEBUD

Filed on the 28th day of June
1978 at 10:55 o'clock A.M.

Unofficial
County Clerk & Recorder

By

County Clerk & Recorder
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 1965)

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

This form is identified by

Owner: John Gray
Address: Forsyth, Montana
Location: T. 9 N., R. 41 E., Sec. 8
Document No.: 195353

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 provide the estimated annual withdrawal and the drillers signature and drillers address on the form where indicated.

Other.

License No.: 193

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

Driller's Signature: [Signature]
Driller's Address: 915 7th Prairie

Show exact depth of bottom: 195 ft
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

Owner __________________________ For Administrator's Use
Address __________________________
Date well started June 15, 1970
completed June 15, 1970
Type of well Drilled
Equipment used Rotary drill
Water Use: Domestic □ Municipal □ Stock □ Irrigation □
Industrial □ Drainage □ Other □ Garden/Lawn □

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL __________

PERFORATIONS

Static water level ______ ft.
Pumping water level ______ ft.
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. 193

Show exact depth of bottom

16.6.19

_______ TOP OF GROUND (Elev. above sea level) _______
<table>
<thead>
<tr>
<th>Succ.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>Adams, Curtis</td>
<td>6W-3</td>
<td>179954</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>LC Land &amp; Lumber Co.</td>
<td>6W-4</td>
<td>177036</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Swart, EOA &amp;</td>
<td>6W-4</td>
<td>176992</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Swart, EOA, I</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODES
OFFICE OF STATE ENGINEER

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

Date of Appropriation of Groundwater: Dec. 29, 1962
Owner: Curtis Adams
Address: P.O. Box 486, Livingston, Mont.

Contractor (if any): 
Address of Contractor: 
Date Started: Jan. 1, 1964
Date Completed: Jan. 31, 1964

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

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: 5,920 mi.

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

Signature of Owner: Curtis Adams
Date: Dec. 29, 1962

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana
Bureau of Mines and Geology and quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropiorator: L and Cattle Co
   (Address): Rosebud
   (Town):

   County of: Rosebud
   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
   April 1950

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   April 1950

8. The depth of water table
   356

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
   265 feet deep

10. The estimated amount of groundwater withdrawn each year
    Unknown

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

J. L. Land & Cattle Co,
Signature of Owner
By: 

Date: December 27, 1962

Lessee

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 Appropiorator.
STATE OF MONTANA
COUNTY OF ROSEBUD

Filed on the 21st day of
1922, at 3:55 o'clock P.M.

[Signature]
County Clerk of Rosebud County

Certified True
[Signature]
[Seal]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Eval L. Swart of Rosebud, Montana

County of... Rosebud... 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: Residence and Stock Water...

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)...

Approximately...

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

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

Windmill...

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...

Approximately...

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 3, 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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Count of __________________________ State of Montana

I, __________________________ (Name of Appropriator)

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

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

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

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

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

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

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

8. The depth of water table ________________

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

10. The estimated amount of groundwater withdrawn each year ________________

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

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

Signature of Owner ________________

Date __________

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
<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>Montgomery, James</td>
<td>6W-4</td>
<td>179951</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>McCaskey, Leo</td>
<td>6W-2</td>
<td>792</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Montgomery, James</td>
<td>6W-4</td>
<td>179950</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Ballard, Lyle &amp; Ether</td>
<td>6W-2</td>
<td>179987</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Ballard, Lyle</td>
<td>6W-2</td>
<td>3457</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Ballard, Lyle</td>
<td>6W-2</td>
<td>3457</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Ballard, Lyle &amp; Ether</td>
<td>6W-2</td>
<td>179984</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>McCaskey, Leo</td>
<td>6W-2</td>
<td>701</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Brewer, Reven</td>
<td>6W-2</td>
<td>5167</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Ballard, Lyle</td>
<td>6W-4</td>
<td>179985</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(Name of Appropnator) (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

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

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 Appropnator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

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

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

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

Owner: Bob M. Carty

Address: Vanandam

Date well started: 4-6-72, GW 1

Type of well: Drilled

Equipment used:

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

Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>Frm (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 1/4</td>
<td>4 1/2</td>
<td>G.I. 53</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 25 ft.

Pumping water level: 45 ft.

at 3 g.p.m., measured minutes after pumping began.

*Measured from ground level.

Power: 1 HP

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

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

Driller's Signature: M. E. O'Brien

Driller's Address: 916 20, Libby, Montana

LICENSE NO. 223

Top of Ground

<table>
<thead>
<tr>
<th></th>
<th>Frm (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>12 17</td>
<td></td>
<td></td>
</tr>
<tr>
<td>12 20</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20 20</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

53 Show exact depth of bottom
STATE OF MONTANA
COUNTY OF ROSEBUD

Filed on the 12th day of September
1923, at 2:30 o'clock A.M.

[Signature]

[Signature]

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

JAN 3 1964

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

[Form Details]

1. Plaintiff: A Montana citizen, of Forsyth, (Address) (Town)

County of Rosebud 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 water...

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. January 1, 1962. Continuously.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 2.8 Gal. Per Min.

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

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. 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 Appropria...
STATE OF MONTANA, COUNTY 
ROSEBUD
FILED DEC. 30, 1963, AT 11:45 A.M., CO. CLERK

[Signature]
[Signature]

[Handwritten Notes]
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Lyle Ballard 310 Ballard
   (Name of Appropriator) (Address) (Town)

   County of Treasure, 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: 1916

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 20 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

   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: July 1916

   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: 3½" cylinder, 10 ft. deep, 14 ft. deep, 18 ft. deep at 18 ft.

   10. The estimated amount of groundwater withdrawn each year: 900,000 gallons

   11. The log of formations encountered in the drilling of each well if available: Sand for 10 feet, Sand and shale the rest of the way

   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: 1917, page 1, page 10, page 12

   Signature of Owner: Lyle Ballard
   Date: Dec 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA, COUNTY OF ROSEBUD SS. FILED DEC. 31, 1963, AT 9:45 A.M., CO. CLERK
2nd Jr Howard W. L.,
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Date of Completion: 1-1-1963

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

This form to be prepared by driller, and three copies to be filed by 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: Lyle Ballard
Address: 3409

Date well started: 6-1-72
Completed: 6-1-72

Type of well: Drilled
Equipment used: Rotary

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

*Describe

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

Owner
Address

Date well started
Completed

Type of well
Equipment used

Water Use

USE

Describe

USE

ESTIMATED ANNUAL WITHDRAWAL

6 1/4 inch, first use

PERFORATIONS

Slotted

Top of ground

From

To

Top of water table

From

To

Static water level

Pumping water level

at 3 gallons per minute, measured minutes after pumping began.

*Measured from ground level.

Well developed by pumping for 2 hours.

Power: Pump: HP

Remarks: (Gravel packing, cementing, type of shutdown)

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

COUNTY

Driller's Signature

Driller's Address

LICENSE NO.

Show exact depth of bottom