### 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>0</td>
<td>56</td>
<td></td>
<td>Sand &amp; Clay - little water in &amp; near perm</td>
</tr>
<tr>
<td>56</td>
<td>200</td>
<td></td>
<td>Blast Clay</td>
</tr>
<tr>
<td>200</td>
<td>212</td>
<td></td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>212</td>
<td>229</td>
<td></td>
<td>Cool of water 5 good per min</td>
</tr>
</tbody>
</table>

---

**Note:**

- Sand & Clay: little water in & near perm
- Blast Clay
- Yellow Clay
- Cool of water, 5 good per min
STATE WATER CONSERVATION BOARD

File No. NOV 24 1965

DUPICATE

Log

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

William H. Hughes, Administrator of Groundwater Code

OFFICE OF STATE ENGINEER

Date of Notice of appropriation of groundwater: Nov. 14, 1965

Date well started: Nov. 10, 1965

Date completed: Nov. 12, 1965

Type of well: Drilled

Equipment: Cable tool

Water use: Domestic

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

Static Water Level for non-flowing well: 65 feet

Shut-in Pressure for Flowing Well: 70 feet

Pumping Water Level: 20 feet

Discharge in gal. per min. of flowing well: 110 gal.

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

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

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
295-536
STATE OF MONTANA,
County of Richland, 

Filed this __________ day of 

July __________ A.D. 13 __________
at __________ o'clock __________

[Signature]

Cooper Recorder

[Signature]

Filed: __________
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. O'Gorman Brothers, Inc., of Helena, Mont., 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 watering

3. Date or approximate date of earliest beneficial use: 1950 — Continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 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: No irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 3' cylinder pump, E. Sec. 22 T. 26 R. 97

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

8. The depth of water table: 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: Bore. — 9' steel casing, Depth 30'. In connection with this is a steel water line connecting the spring output which keeps the water table at the well at ground level.

10. The estimated amount of groundwater withdrawn each year: 20,000 gals.

11. The log of formations encountered in the drilling of each well if available: Mixed formation of clay and gravel.

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: O'Gorman Brothers, Inc.
Signature of Secretary: Secretary

Date: December 30, 1961

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.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1944

Owner: ARTHUR R ANDERSON
Address: CULBERTSON

Contractor (if any): NONE
Address of Contractor: NONE

Date Started: 6-4-1944
Date Completed: 6-7-1944

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. This is a spring developed from a spring, water by seepage, accumulation, seepage and piping to a stock tank downstream.

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. About 1 gal per minute. Used to water livestock from May 1st to Dec 31st each year.

Signature of Owner: ARTHUR R ANDERSON
Date: 12/24/1963

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

Owner:  workspace�  Address:  workspace�
Driller:  workspace�  Address:  workspace�
Date of Notice of Appropriation of groundwater:  workspace�
Date well started:  workspace�  Date completed:  workspace�

Type of well:  Dug, driven, bored or drilled (Churn drill, rotary or other)
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 Bottom (Feet)</th>
<th>PREPORACTIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>0</td>
<td>145</td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.0</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.5</td>
<td>140</td>
</tr>
<tr>
<td></td>
<td></td>
<td>15.5</td>
<td>145</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)

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

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature

Driller's Signature
STATE of MONTANA,  
County of Richland,  

Filed the 26 day of __________ A.D. 1969.
Filed at 2:15 o'clock, O'clock, A.M. 

[Signature]
Deputy

[Signature]
Filed
Declaration of Vested Groundwater Rights

BLUE HILL STOCK RANCH

ARTHUR R. ANDERSON, of CULBERTSON

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1911 Continuous use. 12 months.

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

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: X

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1911 Do not know. Month or Day.

8. The depth of water table: (60 ft) Deep.

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 with 3 casing 160 ft.

10. The estimated amount of groundwater withdrawn each year: 180,000 gale.

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: ARTHUR R. ANDERSON

Date: 12/9/1963

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

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

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

Filed this 9 day of Dec., A. D. 19___

at ______ o'clock ______ A.M.

G. H. Lister
County Recorder

S. H. Wilson
Deputy
DECLARATION OF VESTED GROUNDWATER RIGHTS

BLUE HILL STOCK RANCH

(Under Chapter 237, Montana Session Laws. 1961)

1. ARTHUR R. ANDERSON
   (Name of Appropriator)
   of CULBERTSON
   (Address)
   County of RICHLAND
   State of MONTANA
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

   3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
      1948 to 12 MONTH OF EACH YEAR

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

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
      8-10-1948 completed 8-21-1948

   8. The depth of water table:
      35' approx.

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other wells for the withdrawal of groundwater:
      6" screen, 50 feet deep

   10. The estimated amount of groundwater withdrawn each year:
       72,000 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:
       None available

   Signature of Owner: ARTHUR R. ANDERSON
   Date 12/2/1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the 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)

Albies Boonse of Culberson
(Town)

County of Richland
State of Montana

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

2. The beneficial use on which the claim is based: Drinking Water and Other Uses.

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

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: By a Pump owned by an elected Board.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: No Information Available.

8. The depth of water table: 70'.

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: No Information Available.

10. The estimated amount of groundwater withdrawn each year: 75,000.

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

Signature of Owner: Albies Boonse
Date: Dec. 28, 1963

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

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

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

Filed this 3d day of December A.D. 1868

C. D. Foster
County Recorder

C. Cook
(Deputy)
# WATER WELL LOG

**Owner:** David Sundine  
**Address:**  
**Driller:** Andy Mock  
**Address:** Sidney  
**Date Started:** Mar 4  
**Date Completed:** 6-5-66  
**Location:** Sec T 26 R 57 1/4 sec 33  

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Equipment Used</th>
<th>Water Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dug</td>
<td>Churn</td>
<td>Domestic</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Stock</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Irrigation</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Stock</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Irrigation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>118 ft to 0 ft</td>
<td>O.D.</td>
<td>6 inch</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened</th>
<th>Type of Screen or Perforations</th>
<th>Static Water level, for non-flowing well:</th>
<th>Shut-in pressure, for flowing well:</th>
</tr>
</thead>
<tbody>
<tr>
<td>118 ft to 118 ft</td>
<td>vertical cutting forces</td>
<td></td>
<td>lb./sq. in. on: (date)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pumping water level</th>
<th>feet at 1.5 gal. per min</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td>15</td>
</tr>
</tbody>
</table>

**Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 30</td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>30 - 60</td>
<td>Sand Rock</td>
</tr>
<tr>
<td>60 - 80</td>
<td>Blue Clay</td>
</tr>
<tr>
<td>80 - 84</td>
<td>Coal</td>
</tr>
<tr>
<td>84 - 104</td>
<td>Blue Clay</td>
</tr>
<tr>
<td>104 - 118</td>
<td>Sand + Water</td>
</tr>
</tbody>
</table>

12 gal per min.
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. (Name of Appropriator), (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...
domestic, livestock,
and garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...it is used at all times

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

5. If used for irrigation, give the 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...electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...well in operation at date of purchase - 1923

8. The depth of water table...90 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...8 feet in diameter and 90 feet deep

10. The estimated amount of groundwater withdrawn each year...680,000 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...

Date...

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

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

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

Filed this 27th day of December A.D. 1903
at 1:40 p.m.

C. J. Logan

Helen Burke
Deputy

Filed
STATE OF MONTANA
County of Richland, ss.

Filed this 27th day of December, A.D. 1863
at 1:18 o'clock P.M.

C. L. Leech
Clerk

Helen Burt
Deputy

286082

filed
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

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

Owner: Sidney Holt
Address: 1125 grey sand

Driller: E.C. Condron
Address: Sidney Holt

Date of Notice of appropriation of groundwater: March 1979
Date well started: March 1979
Date completed: March 1979

Type of well: Drilled
Equipment used: Churn Drill

Water use: Domestic

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

<table>
<thead>
<tr>
<th>Depth at Bottom</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>35' 26&quot; Sec. 26</td>
<td>177'</td>
<td>0</td>
<td>705</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for Flowing well: 65 feet
Shut-in Pressure for Flowing Well: 10 lb.
Pumping Water Level: 75 feet
Discharge in gal. per min. of flowing well: 25 gal.
Length of Test: 1 hour
Remarks: (Gravel packing, cementing, packing, type of shutoff)

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

(Continue on reverse side)

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

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, third 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: 1277
Driller's Signature: 

125
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>C.G. Glasscock and Geraldine Glasscock</td>
<td>P.O. Box 419</td>
<td>Miles City</td>
</tr>
</tbody>
</table>

County of Custer
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: Watering livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Has been used continuously since 1940

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: No irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 10 ft. deep well with 5" casing

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1940

8. The depth of water table: Unknown

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 ft. deep well with 5" casing

10. The estimated amount of groundwater withdrawn each year: Unknown, but pumps 8 gallons per minute.

11. The log of formations encountered in the drilling of each well if available: Appropriate knows of no log formations, as well was drilled before present owner purchased land.

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

Signature of Owner: ____________________________
Signature of Owner: ____________________________
Date: September 29, 1963

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

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

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

County of Richland,

Filed this 17 day of
day of

A. D. 19

at 4:30 P. M.

P. M.

Of 1st Judicial

of said

Of 1st Judicial

of said
<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>Missouri River Irrigation</td>
<td>SW 2</td>
<td>315610</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>A. J. B. S. Ranch</td>
<td>SW 2</td>
<td>283631</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Russell Ray</td>
<td>SW 2</td>
<td>282484</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Russell Ray</td>
<td>SW 2</td>
<td>282484</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Missouri River Irrigation</td>
<td>SW 2</td>
<td>315608</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>A. K. Ranch</td>
<td>SW 2</td>
<td>286394</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Missouri River Irrigation</td>
<td>SW 2</td>
<td>315607</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>A. K. Ranch</td>
<td>SW 2</td>
<td>286394</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Earl D. S. R. Ranch</td>
<td>SW 2</td>
<td>310749</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>A. K. Ranch</td>
<td>SW 2</td>
<td>286394</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Blue Hill Stock Ranch</td>
<td>SW 2</td>
<td>285646</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>James David</td>
<td>SW 2</td>
<td>286442</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>James David</td>
<td>SW 2</td>
<td>286440</td>
<td></td>
</tr>
</tbody>
</table>
### Notice of Completion of Groundwater Appropriation by Means of Well

**DEVELOPED AFTER JANUARY 1, 1962**

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

#### Owner

- **Name:** [Redacted]
- **Address:** [Redacted]

#### Driller

- **Name:** [Redacted]
- **Address:** [Redacted]

#### Date of Notice of appropriation of groundwater

- **Date well started:** May 15, 1970
- **Date completed:** May 19, 1970

#### Type of well drilled

- **Drilled:** [Redacted]
- **Equipment used:** [Redacted]

#### 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.

#### Size and Weight of Drilled Hole

<table>
<thead>
<tr>
<th>Drilled Hole Size</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 1/2&quot; x 70</td>
<td>4&quot; x 10</td>
<td>119</td>
</tr>
<tr>
<td>3 1/2&quot; x 10</td>
<td>9 1/2</td>
<td></td>
</tr>
<tr>
<td>1 3/4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Static Water Level for non-flowing well

16 feet.

**Shut-in Pressure for Flowing Well**

- Pressure: [ ]

**Pumping Water Level** 50 feet

- Pressure at: [ ]
- Discharge in gal. per min. of flowing well: [ ]

#### How Tested

- **Pumping Test:** [ ]

#### 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).

---

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

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

---

Driller's License Number

[Redacted]

Driller's Signature

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

The V. Lazy U Ranch, James R. Swanson

(Owners of Appropriator)

Name of Owner

Address

Town

County

State

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

2. The beneficial use on which the claim is based. Steer Water and House Hold Use.

3. Date or approximate date of earliest beneficial use and how continuous the use has been. 1926 And Continuous since that Time.

4. The amount of groundwater claimed (in inch's or gallons per minute) Two (2) 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. Free Drilling (Artesian) Well.

7. The date of commencement and completion of the construction of the well, walls or other work for withdrawal of groundwater. 1926.

8. The depth of water table 386FT.

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. Artesian, 600FT. Deep, Four (4) Inch Casing. This Well Used To Plow Five Gallons Per Minute At 600FT. But Casing Caved In At That Level And We Lost The Lower Level Of Water.

10. The estimated amount of groundwater withdrawn each year. 1,051,200 Gallons.

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

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

Signature of Owners

James R. Swanson

Date Jan 1, 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.

File No. 

DUPLICATE

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Jan 1B, 1964

STATE OF MONTANA

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

The V. Lazy U Ranch, James R. Swanson

(Owners of Appropriator)

Name of Owner

Address

Town

County

State

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

2. The beneficial use on which the claim is based. Steer Water and House Hold Use.

3. Date or approximate date of earliest beneficial use and how continuous the use has been. 1926 And Continuous since that Time.

4. The amount of groundwater claimed (in inch's or gallons per minute) Two (2) 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. Free Drilling (Artesian) Well.

7. The date of commencement and completion of the construction of the well, walls or other work for withdrawal of groundwater. 1926.

8. The depth of water table 386FT.

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. Artesian, 600FT. Deep, Four (4) Inch Casing. This Well Used To Plow Five Gallons Per Minute At 600FT. But Casing Caved In At That Level And We Lost The Lower Level Of Water.

10. The estimated amount of groundwater withdrawn each year. 1,051,200 Gallons.

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

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

Signature of Owners

James R. Swanson

Date Jan 1, 1964

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

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

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

Filed this 10 day of June, A.D. 1964.

at 8:32 o'clock, A.M.

L. I. Kooken
County Recorder

I. O. Tschirna
Deputy

File: 2 80
Filed.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

<table>
<thead>
<tr>
<th>1. Ray M. Trudell</th>
<th>of Neihy, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Name of Appropriator)</td>
<td>(Address)</td>
</tr>
</tbody>
</table>

County of Richland

1. The beneficial use on which the claim is based: used for stock watering.

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

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

4. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof: not used.

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

6. The estimated amount of groundwater withdrawn each year: 2 gallons per minute.

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

8. The depth of water table: 450 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: not known.

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

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

Signature of Owner: Ray M. Trudell

Date: Ray M. Trudell

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.
County of Richland, Montana, State of Montana.

Filed this 10th day of January, 1967, at 10 o'clock, A.M., by the County Recorder of Richland County. Montana.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1913

Owner: Ray M. Trudell
Address: Mohly, Montana

Contractor (if any): none found
Address of Contractor: 

Date Started: 1913 Date Completed: 1913

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

Water on 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.

used daily

Signature of Owner: Ray M. Trudell

Date: April 17, 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 School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA,
County of Richland,

Filed this 17th day of April, A.D. 1963, at 8:35 a.m.

E. L. Knudsen
County Recorder

Donna

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

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

Owner

Address

Driller

Address

Date of Notice of appropriation of groundwater

Date well started

Date completed

Type of well

Equipment used

(Deg. driven, bored or drilled)

Water use:

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

<table>
<thead>
<tr>
<th>Depth 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>132 1/2</td>
<td>4 1/10</td>
<td>1/4</td>
<td>3/4</td>
<td></td>
</tr>
<tr>
<td>125 1/2</td>
<td>9 1/10</td>
<td>3/4</td>
<td>132 1/2</td>
<td></td>
</tr>
<tr>
<td>150</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

Discharge in gal. per min. of flowing well

How Tested

Length of Test

Remarks: (Gravel packing, cementing, pack-

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

(Remark: (Continue on reverse side)

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

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

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

Filed this 14 day of October, A.D. 1924.

[Signature]
County Recorder

[Signature]
Deputy
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 287 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1961
Owner: Name and Address: Sidney Mont
Contractor (if any): Address of Contractor: Location and Sidney
Date Started: April 1961 Date Completed: Oct 1963

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

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

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

Signature of Owner: 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.

2968
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 337 Montana Session Laws, 1961, as amended)

Owner: 
Address: 
Driller: 
Address: 

Date of Notice of appropriation of groundwater: May 22, 1970
Date well started: May 22, 1970
Date completed: May 22, 1970
Type of well: Drilled
Equipment used: Churn drill, rotary or other
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 Cutting</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PEROPIATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8&quot; to 1&quot; D.</td>
<td>170.</td>
<td>9.78.</td>
<td>175</td>
<td>180</td>
</tr>
<tr>
<td>170.</td>
<td>170.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 16.2 feet.
Shut-in Pressure for Flowing Well: 0 gal. per minute.
Pumping Water Level: 175 feet
Discharge in gal. per min. of flowing well: 0 gal. per minute.

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

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

Please answer all questions. If not applicable, no state, otherwise the form will be returned.

Driller’s Signature: 

16670
STATE OF MONTANA, ss.
County of Richland, ss.

Filed this 14th day of July, A.D. 1970.

Depl.

Dwight G. Beebe
County Recorder

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

Declaration of Vested Groundwater Rights  
(Under Chapter 287, Montana Session Laws, 1961)  

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>County of</td>
<td>State of</td>
</tr>
<tr>
<td>Mainland</td>
<td>Montana</td>
</tr>
</tbody>
</table>

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.
286395

\[ \text{County of Richland,} \]

\[ \text{County} \]

\[ \text{day of} \]

\[ \text{December, A.D. 1923.} \]

\[ 9:30 A.M. \]

\[ L. E. Knooker \]

\[ County Recorder \]

\[ G. Lamb \]

\[ Deputy \]

\[ \text{filed} \]

\[ \text{fee $2.00} \]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

[Diagram and table with data filled in]

Static Water Level for non-flowing well 80 feet.
Shut-in Pressure for Flowing Well 700 feet.
Pumping Water Level 100 feet.
Discharge in gal. per min. of flowing well.
Length of Test 3 hours.
Remarks: (Gravel packing, cementing, packers, type of shutoff, well has 8 feet)

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

Driller's License Number
Ray J. Petersen
Driller's Signature
45356
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator:

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 names 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.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater...1950
Owner...ARTHUR R. ANDERSON
Address...CALBETSON
Contractor (if any)...NONE
Address of Contractor...NONE
Date Started...1950
Date Completed...1950

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

 Plaintiff's attorney

Quantity of water developed and used with explanation of meth-
od used to measure or estimate such amount. If use is intermit-
tent estimate approximate length of periods of use...

Signature of Owner...ARTHUR R. ANDERSON
Date: 12/19/1963

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.
STATE OF MONTANA
County of Richland

Filed this 2 day of A.D. 19__

at 2 o'clock, P.M.

C. A. Kenedy
County Recorder

[Signature]

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

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

DAVID J. EVERSSEN, of DORE, N. DAK

County of RICHLAND, State of MONTANA

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1932

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

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

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

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

8. The depth of water table:

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: David J. Everssen

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; Quadruplicate for the Appropriator.
STATE OF MONTANA,  
County of Richland,  

Filed this __________ day of December, A.D. 19__.

At ______________ o'clock, A.M.

E.B. _______  
County Recor.,

______________________  
County Clerk

______________________  
Register

Fee __________
Paid

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

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

DAVID J. IVERSEN, DORE, N. DAK

Name of Appropriator
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:

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

2. The beneficial use 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 Appropriate.
STATE OF MONTANA,

County of Richland, June 5, 1960

Filed this 31st day of December, A.D. 1960
at 1o'clock, P.M.

T. E. Kesner
County Recorder

P. I. Lamb
	

$5.00
filed
## Groundwater Index

**County:** Richland  
**Twp.:** 26 N  
**Rge.:** 59 E

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>Yeakley, Charles</td>
<td>57 Well Log</td>
<td>286768</td>
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<tr>
<td>22</td>
<td>Andrews, Bros.</td>
<td>PN-4</td>
<td>286801</td>
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<td>Anderson, Carl</td>
<td>PN-4</td>
<td>286800</td>
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<td>Canico, Nick</td>
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<td>Folse, Alice</td>
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<td>28</td>
<td>Canico, John</td>
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<td>Canico, John</td>
<td>PN-4</td>
<td>286057</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Ridgwell, John</td>
<td>PN-4</td>
<td>286548</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Ridgwell, John</td>
<td>PN-4</td>
<td>286549</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Johnson, Louis</td>
<td>PN-4</td>
<td>286715</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>Dahl, Harold</td>
<td>PN-4</td>
<td>286426</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>Dahl, Harold</td>
<td>PN-4</td>
<td>286426</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>Ridgwell, John</td>
<td>PN-4</td>
<td>287025</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Canico, John</td>
<td>PN-4</td>
<td>286055</td>
<td></td>
</tr>
</tbody>
</table>
# WATER WELL LOG

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Address</td>
</tr>
<tr>
<td>Driller</td>
<td>Address</td>
</tr>
<tr>
<td>Date Started</td>
<td>Date Completed</td>
</tr>
<tr>
<td>Location: Sec. R. S. A. sec.</td>
<td></td>
</tr>
<tr>
<td>Type of well (Dug, driven, bored, or drilled)</td>
<td>Equipment used (Churn drill, rotary, other)</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic</td>
</tr>
<tr>
<td>Casing:</td>
<td>Size</td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Size</td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>feet</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq. in. on: (date)</td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>feet at</td>
</tr>
<tr>
<td>How tested</td>
<td></td>
</tr>
<tr>
<td>Length of test</td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
</tr>
</tbody>
</table>

(over)
## WATER WELL LOG

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Cheyenne Hickman</td>
</tr>
<tr>
<td>Address</td>
<td>Box 776, Bozeman, Montana 59715</td>
</tr>
<tr>
<td>Driller</td>
<td>V. H. Stebbins, Jr.</td>
</tr>
<tr>
<td>Address</td>
<td>1206 Commercial Ave., Sheridan, Montana 59749</td>
</tr>
<tr>
<td>Date Started</td>
<td>Jan. 15, 1938</td>
</tr>
<tr>
<td>Date Completed</td>
<td>June 10, 1938</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 15, T. 26 N., R. 69 W., 1/4 sec. W-1/2 N.</td>
</tr>
<tr>
<td>Type of well</td>
<td>Dug, driven, bored, or drilled</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Churn drill, rotary, other</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic</td>
</tr>
<tr>
<td>Water use</td>
<td>Municipal</td>
</tr>
<tr>
<td>Water use</td>
<td>Stock</td>
</tr>
<tr>
<td>Water use</td>
<td>Irrigation</td>
</tr>
<tr>
<td>Water use</td>
<td>Industrial</td>
</tr>
<tr>
<td>Water use</td>
<td>Drainage</td>
</tr>
<tr>
<td>Water use</td>
<td>Other</td>
</tr>
<tr>
<td>Casing: ft. to ft.</td>
<td>1.5 to 11.5</td>
</tr>
<tr>
<td>Casing: ft. to ft.</td>
<td>11.5 to 11.5</td>
</tr>
<tr>
<td>Casing: ft. to ft.</td>
<td>11.5 to 11.5</td>
</tr>
<tr>
<td>Perforated or Screened: Ft. to Ft.</td>
<td>1.5 to 11.5</td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td>Gravel packed, cemented, packers, type of shut-off, depth of shut-off</td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>feet</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq. in. on: (date)</td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>feet at gal. per min.</td>
</tr>
<tr>
<td>How tested:</td>
<td>Remarks:</td>
</tr>
<tr>
<td>Length of test:</td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
</tr>
</tbody>
</table>
Log of Well

<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>50</td>
<td>50</td>
</tr>
<tr>
<td>51</td>
<td>51</td>
</tr>
<tr>
<td>102</td>
<td>102 Black Clay</td>
</tr>
<tr>
<td>113</td>
<td>124 Blue Shale Marbles</td>
</tr>
<tr>
<td>124</td>
<td>124</td>
</tr>
<tr>
<td>132</td>
<td>168</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. **Einar Anderson**

   (Name of Appropriator)  
   1094 E. Main St.  
   Richland, Montana  
   State of Montana  

   County of Richland  

   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.

   **Residential**

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

   1960  

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

   3650  

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

   None.

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

   **36 ft. deep**

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

   Nov. 1960

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.

   **36 ft. deep**  
   **18" x 18" steel casing**

10. The estimated amount of groundwater withdrawn each year.

   3650 gal.

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

   Not available.

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

   

Signature of Owner: **Einar Anderson**

Date: Jan. 2, 1964

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

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

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

County of Richland,

Filed this... 20

January 13, 1914

at... 200 A.M.

By... L. L. "

E. T. "

Helen Tucker

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

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

1. Einar Anderson, of Richland,

   County of Richland, State of Montana,

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

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
      1917 at all times as it
      is a flowing well

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

   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.
      Free flowing

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      Oct 1, 1917

   8. The depth of water table
      250 ft

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
      1/2 in. pump for first 350 ft. 1 in. remainder
      600 ft

   10. The estimated amount of groundwater withdrawn each year

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

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

   Signature of Owner: Einar Anderson
   Date: Jan 2, 1964

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

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

Filed: 2nd January, A.D. 1969
at 2:30 P.M.

Filed: 2/0
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Nick Gavko
   of Nokluk
   (Address)
   (Town)
   County of Richland
   State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
      ____________________________
      CONTINUOUS SINCE 1943

   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.)

2942