MONTANA BUREAU OF MINES AND GEOLOGY

WATER WELL LOG

Butte, Montana

Owner: Bob Volkhauf
Address: Richy Montana
Driller: Axel Dubois
Address: Sidney Montana

Date Started: 3/23/61
Date Completed: 4/5/61

Location: Sec 34 T 22 R 53 1/4 sec.

Type of well: Dug
Equipment used: Dug

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

Casing: C 9ft. to 9 1/2 ft.
Type: Steel
Size: 6 in.

Perforated or Screened: Ft. 2 1/2 to Ft. 2 9/16. Ft. to Ft.
Type of screen or perforations:

Static Water level, for non-flowing well: 19 feet.
Shut-in pressure, for flowing well: (date)

Pumping water level: 3 0 feet at 2 6 gal. per min.

How tested: (date)

Length of test: 2 0 min.

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>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>5</td>
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<td>19</td>
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<tr>
<td>53</td>
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<td>120</td>
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<td>129</td>
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<td>209</td>
<td>232</td>
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<tr>
<td>232</td>
<td>249</td>
</tr>
</tbody>
</table>
### Groundwater Index

**County:** Richland  
**Twp.:** 227  
**Rge.:** 5-46

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
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<tbody>
<tr>
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<td>Lightfield Gilbert</td>
<td>519W11215</td>
<td>372814</td>
<td></td>
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<tr>
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<td>Petrich Canal</td>
<td>519W11215</td>
<td>263511</td>
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<td>Wehray Company</td>
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<td>Wehray Company</td>
<td>519W11215</td>
<td>302716</td>
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</table>
**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner</th>
<th>Gilbert Lightfield</th>
<th>Address</th>
<th>Rembert, Mont.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>David Galbreth</td>
<td>Address</td>
<td>Ronan, Mont.</td>
</tr>
<tr>
<td>Date Started</td>
<td>7/2/41</td>
<td>Date Completed</td>
<td>7/28/41</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 1 T. 22 R. 54 1/4 sec. NE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Industrial</th>
<th>Drainage</th>
<th>Other:</th>
</tr>
</thead>
<tbody>
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</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 ft.</td>
<td>206.6 ft.</td>
<td>Steel</td>
<td>Size</td>
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<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to ft.</th>
<th>Type</th>
<th>Size</th>
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<tbody>
<tr>
<td></td>
<td>1 ft.</td>
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<td></td>
<td>3 ft.</td>
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</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Ft. to Ft.</th>
<th>Ft. to Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0 ft.</td>
<td>6 ft.</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>feet</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>45</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Pumping water level:</th>
<th>feet at</th>
<th>gal. per min</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>200</td>
<td>3</td>
</tr>
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</table>

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

<table>
<thead>
<tr>
<th>Length of test:</th>
<th>3 hrs.</th>
</tr>
</thead>
</table>

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


(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>39</td>
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<tr>
<td>39</td>
<td>48</td>
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<td>238</td>
<td>251</td>
</tr>
<tr>
<td>251</td>
<td>266</td>
</tr>
</tbody>
</table>

**Log of Well**

STATE OF MONTANA
County of Raccoon
Filed the 29th day of
A.D. 19_—

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

Owner: GILBERT L. JEFFERIES, Lamb, MONT.
Driller: DAVID HULLCO, Address: SIDNEY, MONT.
Date of Notice of Appropriation of Groundwater: 7-2-61
Date well started: 7-2-61
Date Completed: 7-20-61

Type of well: Drilled
Equipment Used: Churn Drill
(dug, driven, bored or drilled)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cables</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind (NONE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 5/8</td>
<td></td>
<td>0</td>
<td>990</td>
<td>NONE</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well... 30 feet.
Shut-in Pressure for Flowing Well...
Pumping Water Level: 100 feet at... 30 gal. per minute.
Discharge in gal. per min. of flowing well...
How Tested: BAILER... Length of Test: 4 HRS.
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)

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

Driller’s License Number
DAVID HULLCO
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 Appropiator.
STATE OF MONTANA,
County of Richland,

Filed this \[a\] day of \[b\] of A.D. \[c\].

\[d\] \[e\].

\[f\] \[g\].

\[h\]

\[i\]

\[j\]

\[k\]

\[l\]

\[m\]
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.

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

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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Anne A. Smith  of Enid, Montana
   (Name of Appropriator)  (Address)  (Town)  (State of)
   County of Enid
   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:  House

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

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

   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:  1959

   8. The depth of water table:  10 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:  24 Inch Div.  27 Foot Deep

   10. The estimated amount of groundwater withdrawn each year:  18,250

   11. The log of formations encountered in the drilling of each well if available:  1 foot Clay

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

   Signature of Owner:  Anne A. Smith
   Date:  1/3/50

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.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG
STATE ENGINEER

Owner: Burley Company
Address: Butte, Montana
Drilled by: Montana Building Co.
Address: Butte, Montana

Date Started: 7/1/30-60
Date Completed: 7/30-61

Location: Sec. 10, T. 72 R. 54 W. 4

Type of well: Drilled
Equipment used: Rotary

Water use:
- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage

Other:

Casing:
- From 0 ft. to 93 ft. Type: Steel
- Size: 4"

Casing:
- From to ft.
- Type:
- Size:

Casing:
- From to ft.
- Type:
- Size:

Perforated or Screened:
- From to ft.
- From to ft.

Type of screen or perforations:

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

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

Pumping water level: ______ feet at ______ gal. per min.

How tested: Bailor

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>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>70</td>
</tr>
<tr>
<td>70</td>
<td>90</td>
</tr>
<tr>
<td>90</td>
<td>92</td>
</tr>
<tr>
<td>92</td>
<td>95</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1981)

1. **VEEVARAY COMPANY**
   (Name of Appropriator)

2. The beneficial use on which the claim is based
   **Streek Tower**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   **2.9.81**

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   **5 minutes 20 gal**

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
   **no irrigation**

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
   **1933**

8. The depth of water table
   **80 to 135'**

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
   **none**

10. The estimated amount of groundwater withdrawn each year
    **500000 gal**

11. The log of formations encountered in the drilling of each well if available
    **not available usual clay, lignite, sand**

12. Such other information of 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: **VEEVARAY COMPANY**

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 Richland.

Filed the 31st day of

[Signature]

Ritchson

Filed.
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: Vogtberry Co.
Address: Sidney, Mont.

Date well started: April 1, 1970
Date well completed: May 31, 1970

Type of well: Drilled
Equipment used: Chis, drill, bored or drilled

Water Use: Domestic [ ] Municipal [ ] Stock [X] Irrigation [ ]
Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

*Describe USE: If used for irrigation, industrial, drainage or other, explain.

Static water level: 64 ft.
Pumping water level: 46 ft.

*Measured from ground level.

Well developed by: Hotter
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 1/20 acres.

Driller's Signature: 
Driller's Address: 1102, Sidney, Mont.

LICENSE NO: 77

Show exact depth of bottom 6/6/92
STATE OF MONTANA,
County of Richland,

ss.

Filed this __________ day of

_____, 19__
at

__________________

County Recorder

__________________

Deputy

__________________

filed

315660
## WATER WELL LOG

**Owner:** Florence V. Anderson  
**Driller:** Eastern Drilling Co.  
**Date Started:** May 1959  
**Date Completed:** May 1959

### Location:
- **Sec.:** 21  
- **T.:** R 64  
- **Range:** W, 1st P.M.

### Type of Well:
- **Type of well:** Dug  
- **Equipment used:** rotary

### Water Use:
- **Domestic**  
- **Municipal**  
- **Stock**  
- **Irrigation**  
- **Industrial**  
- **Drainage**

### Casing:
- **Type of casing:** Steel  
- **Size:** 4"  
- **Number:** 394  

### Perforated or Screened:
- **Type:** .  
- **Length:** .  
- **Distance from bottom:** .

### Static Water Level, for non-flowing well:
- **Height:** .

### Shut-in pressure, for flowing well:
- **Height:** .lb/sq.in.

### Pumping water level:
- **Height:** .feet

### How tested:
- **Duration:** 6 hours

### Remarks:
- **Level and casing cement:**  
- **Well description:**
  - **Drilled hole:** 1,080 feet, then 720 ft.  
  - **String:** 200 ft.  

---

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>19 Yellow Clay</td>
</tr>
<tr>
<td>19</td>
<td>95 Blue Clay</td>
</tr>
<tr>
<td>95</td>
<td>.100 sand (Sept vein)</td>
</tr>
<tr>
<td>100</td>
<td>134 Clay</td>
</tr>
<tr>
<td>134</td>
<td>148 Coal</td>
</tr>
<tr>
<td>148</td>
<td>.205 Clay</td>
</tr>
<tr>
<td>205</td>
<td>.209 Coal</td>
</tr>
<tr>
<td>209</td>
<td>214 clay</td>
</tr>
<tr>
<td>214</td>
<td>218 Sandy clay</td>
</tr>
<tr>
<td>218</td>
<td>234 Clay</td>
</tr>
<tr>
<td>234</td>
<td>237 Sandy clay</td>
</tr>
<tr>
<td>237</td>
<td>240 Coal</td>
</tr>
<tr>
<td>240</td>
<td>242 Clay</td>
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<tr>
<td>242</td>
<td>230 sand (Sept vein)</td>
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<tr>
<td>230</td>
<td>278 Clay</td>
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<tr>
<td>278</td>
<td>282 Sand</td>
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<tr>
<td>282</td>
<td>288 Clay</td>
</tr>
<tr>
<td>288</td>
<td>290 Coal</td>
</tr>
<tr>
<td>290</td>
<td>292 Clay</td>
</tr>
<tr>
<td>292</td>
<td>.302 sand (water well)</td>
</tr>
<tr>
<td></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)

VERBARAY COMPANY
(Name of Appropriaor) of
SIDNEY
(Town)

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

2. The beneficial use on which the claim is based

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

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

5. If used for irrigation, give the 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

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 not available.

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

Treas.

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

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

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

County of Richland,

Filed this 31st day of Dec., 19__.

at 12:__ M. M.

E. __. Kroeker


P. Johnson


Fees: $__

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

State of Montana
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Owner: YAKAMAY COMPANY
Address: 302 4th St. SE

Driller: John Sullivan
Address: 302 4th St. SE

Date of Notice of appropriation of groundwater: SEP 29 1965
Date well started: SEP 29 1965
Date completed: SEP 29 1965

Type of well: Irrigation
Equipment used: Drilled
(Dug, Driven, bored or drilled)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>Kind</th>
<th>Static Water Level</th>
<th>Shutoff Pressure</th>
<th>Pumping Water Level</th>
<th>Length of Test</th>
<th>Remarks</th>
</tr>
</thead>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level

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)...%

Place of use, if possible. Each small square represents 40 acres.

(Continues on reverse side)

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

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

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

Driller's License Number

Driller's Signature
STATE OF MONTANA
County of Richland, 

Filed this ............ 97 .... day of 

Sept. .... A.D. 1st 65. 

At .... H.A. o'clock, P.M. 

E. A. Krader 
County Recorder 

D. Sullivan 

Fw. #2. 

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

1. VEBBARY COMPANY, of SIDNEY, MONTANA
   (Name of Appropriator) (Address) (Town)

   County of RICHLAND, State of MONTANA

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

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

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

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

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 
      well reworked 1928-1929

   8. The depth of water table: 
      800'

   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: 
      150' 5' casing drilled to 202'

10. The estimated amount of groundwater withdrawn each year: 
    3,000,000 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: 
    books

   Signature of Owner: [Signature]

   Dec 03, 1965

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 in 3111 day of Dec. A.D. 1910
at 10:35 o'clock A.M.

E.L. HOOKED
County Recomp

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

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

1. TREDARAY COMPANY  of  SIOUX
(Name of Appropriator)  (Address)  (Town)

County of RICHLAND  State of MONTANA

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

2. The beneficial use on which the claim is based

   Stock Water

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

   1956

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

   3 miner's inches

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

   not used for irrigation

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

   PUMP

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

   Aug. 1956

8. The depth of water table

   192-230' sand and water water come from lower half of sand formation

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

   225' Drilled 219' 4' casing 208' 11' pump

10. The estimated amount of groundwater withdrawn each year

    3000000 gals

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

    yellow and blue-clays soft rock-lignite

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: TREDARAY COMPANY

Date: Dec 31, 1965

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 by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: VEMONTRIO COMPANY    Address: Sidney, Montana
Driller: JAMES A. ANDERSON    Address: Wolf Point, Montana

Date of Notice of Appropriation of Groundwater: Sept. 29, 1967
Date well started: Sept. 27, 1967
Date Completed: Sept. 29, 1967

Type of well: Drilled
Equipment Used: Cable Tool
(Churn, drill, rotary or other)

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

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

<table>
<thead>
<tr>
<th>Siie of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-inch</td>
<td>6&quot;ID 1#</td>
<td>0</td>
<td>52</td>
<td>NONE</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 40 feet.
Shut-in Pressure for Flowing Well 50 feet at 7 gpm.
Pumping Water Level 59 feet at 7 gpm.
Discharge in gal. per min. of flowing well 1 gpm.

How Tested: Basket Length of Test 3 hours

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

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

Show exact depth of bottom.

Driller's License Number

Driller's Signature

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

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

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

4-2, 1973
STATE OF MONTANA, ss.
County of Richland, ss.

Filed this ________________ day of
October A.D. 19 __.

2:17 o'clock P.M.

Helen B. Salek
County Recorder

[Signature]
[Stamp]
<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>6</td>
<td>Ferguson, Ethel</td>
<td>484</td>
<td>2853843</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Ferguson, Martin</td>
<td>484</td>
<td>2844537</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Haines, Agnes</td>
<td>401</td>
<td>2853853</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Lake Dr. R. McChesney</td>
<td>484</td>
<td>2853859</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Lambist School</td>
<td>484</td>
<td>281549</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>McGinty, Rev.</td>
<td>464</td>
<td>285925</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>McGinty, Miss.</td>
<td>464</td>
<td>285925</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Rusk, Oceana</td>
<td>464</td>
<td>516895</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Rusk, Beatfield</td>
<td>464</td>
<td>286971</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Rusk, L.P.</td>
<td>464</td>
<td>286972</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Rusk, Margaret</td>
<td>464</td>
<td>286460</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Rusk, Margaret</td>
<td>464</td>
<td>286461</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Richardson, Arthur &amp; Hydin</td>
<td>464</td>
<td>285225</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Richardson, Arthur &amp; Hydin</td>
<td>464</td>
<td>285296</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Huffman, Albert</td>
<td>484</td>
<td>286365</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Huffman, Lyle</td>
<td>484</td>
<td>286365</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Haines, Olaf</td>
<td>484</td>
<td>285921</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Rust, Bird</td>
<td>484</td>
<td>285249</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Rust, Brett</td>
<td>484</td>
<td>285423</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Haines, Olaf</td>
<td>484</td>
<td>286843</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Haines, Lyle</td>
<td>484</td>
<td>286843</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Haines, Clara</td>
<td>484</td>
<td>286359</td>
<td>Dec 26, 21N 54W</td>
</tr>
<tr>
<td>28</td>
<td>Haines, Clara</td>
<td>484</td>
<td>286359</td>
<td>Dec 26, 21N 54W</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. Kenneth Jorgenson of Helena
   (Name of Appropriator) (Address) (Town)
   County of Richland (State of Montana)

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

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

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

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

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: N/A

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, walls, or other works for withdrawal of groundwater: 1940

8. The depth of water table: 40 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: N/A

10. The estimated amount of groundwater withdrawn each year: 250,000 ft^3, 250,000 gals

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

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: N/A

Signature of Owner: Kenneth Jorgenson
Date: Dec 14, 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 19th day of December, A.D. 1963 at 11:53 o'clock, A.M.

G. L. Rocky compt. County Recorder

Lee 20$ filed
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Marvin Torgerson  Address: Sidney, Mont

Driller: Simpson Drilling Co.  Address: Malheur, Mont

Date of Notice of appropriation of ground water

Date well started: Aug 14, 1963  Date completed: Aug 15, 1963

Type of well: Drilled  Equipment used: churn

dug, driven, bored or drilled)

Water use: Domestic  Municipal  Stock  Irrigation  Industrial  Drainage  Other

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size of Diameter of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Strata</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>4 inches 11/2</td>
<td>0</td>
<td>63</td>
<td></td>
<td>None</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level

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, 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)

Show 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.

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 Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Marvin Torgerson  Address: Sidney Me;
Driller: Simpson Drilling Co.  Address: Helena, Mont.

Date of Notice of appropriation of groundwater: June 14, 1962
Date well started: June 14, 1962
Date Completion: July 12, 1962

Type of well: Drilled
Type of equipment: Equipment and Drilling

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

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

<table>
<thead>
<tr>
<th>Depth Drilled</th>
<th>Depth of Drilling</th>
<th>Pumping</th>
<th>Discharge</th>
<th>Water Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 ft</td>
<td>4 in. Lin. 11 lb</td>
<td>0</td>
<td>63</td>
<td>Domestic</td>
</tr>
</tbody>
</table>

Static Water Level:
Shut-in Pressure:
Pumping Water Level:
Discharge in gal. per min. of flowing well:

How Tested:
Length of Test:
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 for irrigation)

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

This is a natural spring with water table.

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:

This is used from April until November each year for stock water.

Signature of Owner:

Date:

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

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

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

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

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

(Name of Appropriator) (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:

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

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.
STATE OF MONTANA,
County of Richland,

Filed this 31 day of December 63 at 9:44 A.M.

G.R. Reeder
County Clerk

J. Breck
Deputy

file & 2.00
Notice of Completion of Groundwater Appropriation by Method of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Lambert School
Address: Lambert, Mont

Driller: Western Drilling
Address: Melville, Mont

Date of Notice of Appropriation of Groundwater: 9-8-62

Date well started: 9-10-62 Date Completed: 12-15-62

Type of well: Drilled Equipment Used: Rotary

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>Strata Met</th>
<th>Depth From To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil</td>
<td>0-4 feet</td>
</tr>
<tr>
<td>Clay</td>
<td>4-8 feet</td>
</tr>
<tr>
<td>Gravel</td>
<td>8-12 feet</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 27.4 feet
Shut-in Pressure for Flowing Well:
Pumping Water Level: 35 feet at 5 gal. per minute
Discharge in gal. per min. of flowing well:
How Tested: Pump
Length of Test: 3 hours

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

8" hole was drilled, casing was cemented in hole, gravel was placed around casing above perforations, remainder was filled with dirt.

Driller's License Number
Lloyd H. Carlson

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, 
County of Richland,

Filed this 2d day of March, A.D. 1963,
at 1:00 o'clock, p.m.

E. E. Koshel
County Recorder

T. Babb
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

1. Name of Appropriator (Address) (Town)

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 - 1947 Continuous

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 - Pipe and cylinder

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater - 1947

8. The depth of water table - Not known

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 available

10. The estimated amount of groundwater withdrawn each year - About 20,000 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 - Not known

Signature of Owner - Delbert Jorgenson
Date - Dec. 21, 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 Reiland,

Filed this _______ day of "_, A.D. 19__
A.M. o'clock, T.M.

G. A. Kasper
County Recorder

2:12
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
Address
Date well started
Completed
Type of well
Equipment used
Water Use:

<table>
<thead>
<tr>
<th>Top of Ground (Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From (Foot)</td>
</tr>
<tr>
<td>0</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>2</td>
</tr>
</tbody>
</table>

lope water level
Pumping water level

*Measured from ground level.
Well developed by
for
Power
Remarks:

Driller’s Signature
Driller’s Address
LICENSE NO.

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

Each small square represents 40 acres.

Show exact depth of bottom

417166
# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

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

<table>
<thead>
<tr>
<th>Owner</th>
<th>Receiver</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rokia Hruses</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Address</th>
<th>File</th>
</tr>
</thead>
<tbody>
<tr>
<td>Montana</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date well started</th>
<th>Date well completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>8-28-70</td>
<td>8-28-70</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRILLED</td>
<td>ROTARY</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water Use</th>
<th>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):</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td></td>
</tr>
<tr>
<td>Municipal</td>
<td></td>
</tr>
<tr>
<td>Stock</td>
<td></td>
</tr>
<tr>
<td>Irrigation</td>
<td></td>
</tr>
<tr>
<td>Industrial</td>
<td></td>
</tr>
<tr>
<td>Drainage</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
</tr>
<tr>
<td>Garden/Lawn</td>
<td></td>
</tr>
</tbody>
</table>

| ESTIMATED ANNUAL WITHDRAWAL | 1,991,600 gal |

<table>
<thead>
<tr>
<th>Depth Below Ground Level</th>
<th>Depth After Pumping</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 ft</td>
<td>10 ft</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>Below to top of shale</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 ft</td>
<td>36 ft</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Static water level</th>
<th>53 ft</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pumping water level</td>
<td>56 ft</td>
</tr>
</tbody>
</table>

*Measured from ground level. Well developed by Drilled for 8 hours. Power: Pump 1 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.

<table>
<thead>
<tr>
<th>Driller's Signature</th>
<th>Driller's Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>David Fulks</td>
<td>RT 1 Box 312-B</td>
</tr>
</tbody>
</table>

License No. 94 417766
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODES
OFFICE OF STATE ENGINEER

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

1. BERTHOLD PLOT of R. 2 S. SIDNEY
   (Name of Appropriator) (Address) (Town)
   County of RICHLAND State of MONTANA
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

   3. Date or approximate date of earliest beneficial use; and how continu-
      ons the use has been:
      1930 USED EVERY YEAR SINCE

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

   6. The means of withdrawing such water from the ground and the loca-
      tion of each well or other means of withdrawal:
      WINDMILL USED

   7. The date of commencement and completion of the construction of the well, wells, or other works for with-
      drawal of groundwater:
      1930

   8. The depth of water table:
      ABOUT 20 FT.

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
      works for the withdrawal of groundwater:
      DRILLED WELL IN DIM.
      ABOUT 40 FT. DEEP

   10. The estimated amount of groundwater withdrawn each year:
      1,500,000 GALLONS

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

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

   Signature of Owner:
   Date: Jan. 6, 1964

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

Please answer all questions. If not applicable, 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 _______ day of January, A.D. 1868,
at _______ o'clock, P.M.

E. H. Lovejoy
County Recorder

Deputy

[Signature]

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

C R Thiessen
(Name of Appriator)
Box 68
(Address)
Lambert
(Town)

County of
State of

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

1. [Diagram of Location]

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: 1946

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: 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: 15' - 60'

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: C R Thiessen
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 Appriator.
STATE OF CALIFORNIA
County of Sacramento

This the day of January, A.D. 1964,
at 2:30 o'clock, P.M.

E. V. H. Kraush,
County Recorder

Deputy

286392

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(Name of Appropriator) (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: Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Not Used

4. The amount of groundwater claimed (in million's inches or gallons per minute): 10.84 per M.M.

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: N/A

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Not Pumped

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 15 June 1943 to 22 June 1943

8. The depth of water table: 24' Well Depth 50 FT Water Level 67.30 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: 24' Well 50 FT Deep

10. The estimated amount of groundwater withdrawn each year: Not Used

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: N/A

Signature of Owner: Martin A. Lake
Date: 31 Dec 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 thw................ day of
December, A.D. 1943,
at................. o'clock, P.M.


County Recorder

Filed


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

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

[Form information]

1. **[Name of Appropriator]**, of **[Address]**, **[Town]**
   County of **[County]**, State of **[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: **[Use]**

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

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

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

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

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

   8. The depth of water table: **[Depth]**

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

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

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

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

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

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

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

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

29755
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Arthur Prihnow and Lydia Prihnow, of P. O. Box 126, Lambert.

County of Richland
State of Montana

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

1. The beneficial use on which the claim is based: cattle

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: Used since about 1950 and the use has been continuous.

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 2.5 gallons per minute.

4. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: none

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

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

7. The depth of water table: 64 feet as a whole and 34 feet of water.

8. 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: none

9. The estimated amount of groundwater withdrawn each year: 365,000

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

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: none

Signature of Owner: ___________________________

Date: November 6, 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 Appropnator.
STATE OF MONTANA
County of Richland,

Filed this_______ day of
November, A.D. 19___ at ______ o'clock, A.M.

L. L. Karcher
County Recorder

A. Sullivan
Deputy

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

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

Arthur and Lydia Prinnow, of P.O. Box 128, Lambert, Richland County, 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:
  ...... cattle

3. Date or approximate date of earliest beneficial use; and how continuous the use has been, and only on and off:
  ...... Used since about 1940

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

5. If used for irrigation, give the acreage and description of the 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:
   The fall of 1940

8. The depth of water table:
   72 feet as a whole and the water 30 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:
   NONS

10. The estimated amount of groundwater withdrawn each year:
    109,500 gallons

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

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

Signature of Owner:

Date: November 6, 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 8th day of Nov. A.D. 1946
4:45
C.L. Hooker
County Recorder
F. Ratzlaff
Deputy

the fee is $3.00
filed
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, "Montana Session Laws, 1961")

**Owner:** Albert Huffman  
**Address:** Richery, Montana

**Driller:** Daniel O. Mangert  
**Address:** Lumley, Montana

**Date of Notice of Appropriation of Groundwater:** Oct. 30, 1963

**Date Well Started:** Oct. 30, 1963  
**Date Completed:** Oct. 30, 1963

**Type of Well:** Drilled  
**Equipment Used:** Cable tool drill

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cable</th>
<th>From (feet)</th>
<th>To (feet)</th>
<th>Kind of</th>
<th>From (feet)</th>
<th>To (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0&quot;</td>
<td>0&quot;</td>
<td>1/8&quot;</td>
<td>140</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4&quot;</td>
<td>0&quot;</td>
<td>1/8&quot;</td>
<td>140</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well:** 30 feet.

**Shut-in Pressure for flowing well:** Not applicable

**Pumping Water Level:** 190 feet at 4 gal. per minute.

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

**Tested:** Bailed and pumped  
**Length of Test:** 3 hours

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

**Driller's License Number:**  
**Driller's Signature:**

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

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

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