**WATER WELL LOG**

Owner: Russell Hartnesson  
Address: Terry, Montana

Driller: Ira C. Word  
Address: Terry, Montana

Date Started: May 1, 1960  
Date Completed: May 5, 1960

Location: Sec. 11, T. 52, R. 1/4 sec. 

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

**Water use:**  
- Domestic
- Municipal
- Stock
- Irrigation

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

**Perforated or Screened:**  
- Ft to Ft

**Type of screen or perforations:** Burned holed

**Static Water level, for non-flowing well:** Raised 35' in well

**Shut-in pressure, for flowing well:** 114' lb./sq. in. on: 4 gal. per min. (date)

**Pumping water level:** Buited feet at gal. per min.

**How tested:** Two hours

**Length of test:**

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

---

(over)
**WATER WELL LOG**

**Owner:** Russell Martenson  
**Address:** Terry, Montana

**Driller:** Ira C. Lund  
**Address:** Terry, Montana

**Date Started:** May 1, 1960  
**Date Completed:** May 5, 1960

**Location:** Sec. 34, T. 11 N., R. 52 W., 1/4 sec. 824; SW

**Drilled:** Cable

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

**Water use:**
- Domestic
- Municipal
- Stock
- Irrigation

**Industrial**
- Drainage
- Other: steel

**Casing:**
- Surface: 124 ft.
- Depth: 124 ft.

**Casing:**
- Type: steel
- Size: 4" burned holes

**Perforated or Screened:** From 107 ft. to 115 ft.

**Static Water level, for non-flowing well:** raised 35' in well

**Shut-in pressure, for flowing well:** 0 lb./sq. in.

**Pumping water level:**
- 114' feet at 4 gal. per min. (date)

**How tested:** Dalled

**Length of test:** two hours

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

---

(over)
### 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>0</td>
<td>10</td>
</tr>
<tr>
<td>10</td>
<td>15</td>
</tr>
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<td>108</td>
<td>114</td>
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<td>114</td>
<td>122</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Name of Appropriator: Edward S. Solle
   Address: Terry
   County: Prairie
   State of Montana
   Town: 

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

3. Date of earliest beneficial use and how continuous the use has been since 1950:
   S.W. well 1950
   N.E. well 1951
   S.W. well since 1954

4. The amount of groundwater claimed (in minor's inches or gallons per minute):
   N.W. well 24 ft.
   S.W. well 18 ft.

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:
   N.W. well 24 ft. S.W. well 18 ft.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   N.W. well in 1950
   S.W. well in 1951
   S.W. well 1954

8. The depth of water table:
   N.W. well 24 ft.
   S.W. well 18 ft.
   S.W. well 1954

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:
   S.W. well 24 ft.
   S.W. well 1954

10. The estimated amount of groundwater withdrawn each year: 50,000 gal. each well

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

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

Signature of Owner: 
Date: Dec 19 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.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>MEINDNER, HAROLD</td>
<td>GW-2</td>
<td>84980</td>
<td></td>
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<tr>
<td>7</td>
<td>HAASLE, FRED</td>
<td>GW-4</td>
<td>85600</td>
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<tr>
<td>7</td>
<td>PRAIRIE COUNTY GRAZING DEPT.</td>
<td>WATER WELL</td>
<td>82345</td>
<td></td>
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<tr>
<td>15</td>
<td>TENNANT, ORVAL</td>
<td>GW-4</td>
<td>85521</td>
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<tr>
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<td>85522</td>
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<td>22</td>
<td>HAUGHAUSE, EDGAR B.</td>
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<td>HAUGHAUSE, E.B.</td>
<td>WATER WELL</td>
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<td>TENNANT, ORVAL</td>
<td>GW-4</td>
<td>85524</td>
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<td>GOSTON, JOHN W.</td>
<td>GW-4</td>
<td>85603</td>
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<td>25</td>
<td>RANDALL, CHAN</td>
<td>GW-2</td>
<td>94060</td>
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<td>TENNANT, ORVAL</td>
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<td>31</td>
<td>SOLE, EDWIN L.</td>
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<td>SOLE, EDWIN L.</td>
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<td>83345</td>
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<td>35</td>
<td>KRAMFELD, RICHARD</td>
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</tr>
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<td>36</td>
<td>Bureau Land Management</td>
<td>GW-2</td>
<td>94847</td>
<td>Graham Well</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Drilled Wells

(Under Chapter 237, Montana Session Laws, 1961)

Owner:

Driller:

Date of Notice of Appropriation of Groundwater

Date well started:

Date completed:

Type of well:

Appropriator:

Equipment Used:

(String, 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>Depth of Drilled Hole (Feet)</th>
<th>Size and Weight of Casing (Feet)</th>
<th>Flow Rate (Gallons Per Minute)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 3/4</td>
<td>10</td>
<td>9 3/4</td>
</tr>
<tr>
<td>3 7/8</td>
<td>10</td>
<td>3 3/4</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well________feet.

Shut-in Pressure for Flowing Well________feet at ________gal. per minute.

Pumping Water Level________feet at ________gal. per minute.

Discharge in gal. per min. of flowing well________gal.

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)

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

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.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Name of Appropriate: Fred Haide
Address: 
County of: Flathead
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: Oct. 14, 1961

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

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: 1961-completed

8. The depth of water table: 72.0 ft

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

10. The estimated amount of groundwater withdrawn each year: 8,790 - 200 gals

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

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

Signature of Owner: Fred Haide
Date: 12-31-1963

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 Appropriate.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana
WATER WELL LOG

<table>
<thead>
<tr>
<th>County</th>
<th>Received</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

WATER WELL LOG

Owner: [Name]
Grading District: [District]
Address: [Address]

Driller: [Name]
Johnson Water Well Service
Address: [Address]

Date Started: Oct. 11, 1961
Date Completed: Oct. 18, 1961

Location: Sec. 7 T. 11 R. 50 1/4 sec. 6'

Type of well: Drilled
Equipment used: Rotary

Water use:
- Domestic
- Municipal
- Stock
- Irrigation

Industrial
- Municipal
- Drainage
- Other:

Casing:
- 0 ft. to 30 ft. Type: [Type]
- Size: [Size]

Casing:
- 0 ft. to 765 ft. Type: [Type]
- Size: [Size]

Casing:
- 765 ft. to 1075 ft. Type: [Type]
- Size: [Size]

Perforated or Screened: Ft. 765 to Ft. 765

Type of screen or perforations: [Screen]

Static Water level, for non-flowing well: [Level]

Shut-In pressure, for flowing well: [Pressure] lb./sq. in. on: [Date]

Pumping water level: [Level] feet at: [Level] gal. per min.

How tested: [Test]

Length of test: [Duration]

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

Packer set at: [Depth] ft.

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 10</td>
<td>Sandy sand</td>
</tr>
<tr>
<td>10 - 20</td>
<td>Gravel</td>
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<tr>
<td>20 - 45</td>
<td>Dark Shale</td>
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<tr>
<td>45 - 90</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>90 - 95</td>
<td>Coal</td>
</tr>
<tr>
<td>95 - 250</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>170 - 190</td>
<td>Dark Shale</td>
</tr>
<tr>
<td>260 - 500</td>
<td>Rock</td>
</tr>
<tr>
<td>500 - 505</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>505 - 506</td>
<td>Rock</td>
</tr>
<tr>
<td>506 - 700</td>
<td>Fine Dark Shale, Sand</td>
</tr>
<tr>
<td>700 - 730</td>
<td>Gray Shale, Soft and Sandstone</td>
</tr>
<tr>
<td>730 - 735</td>
<td>Sandstone</td>
</tr>
<tr>
<td>735 - 760</td>
<td>Rock</td>
</tr>
<tr>
<td>760 - 765</td>
<td>Sandstone</td>
</tr>
<tr>
<td>765 - 780</td>
<td>Gray shale (Soft and Sandy)</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. Oral Lennart
   (Name of Appropriator)  
   of
   (Address)
   of
   (Town)
   County of
   State of
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based

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

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner 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: Oral Lennart
Date: 18 Dec 63

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.

JAN 6 1963
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

ORVAL TENNANT of BAKER
(Name of Appropriator) (Address)

County of PRAIRIE
(State of 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: Winter pasture

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1943 - Continued

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 gallon 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: 5,000,000 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

Signature of Owner

Date: 28 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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Edgar W. Hunsaker, et. al., Melvina

County of

State of

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

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

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

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

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

**Owner:** Mr. Nephewalt  
**Address:** Wildred, Mont.

**Driller:** Henry T. Robinson  
**Address:** Terry, Mont.

**Date Started:** Nov. 5, 1960  
**Date Completed:** Nov. 12, 1960

**Location:** Sec. 22, T. 11 N., R. 53 W., 1/4 sec. NE 4 SW 4

---

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Rotary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td></td>
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<td></td>
</tr>
<tr>
<td>Municipal</td>
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<tr>
<td>Stock</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>Irrigation</td>
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<td></td>
</tr>
<tr>
<td>Industrial</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drainage</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Water use:** Stock

**Casing:** 2 ft. to 34 ft. Type: Std. Size: 6 in.

**Perforated or Screened:** Ft. 15 to ft. 25, Ft. 68 to ft. 72

**Type of screen or perforations:** Holes

**Static Water level, for non-flowing well:** 16 feet.

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

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

**Depth:**

- **How tested:**
- **Length of test:** 1 hr.

**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>0</td>
<td>Top Soil</td>
</tr>
<tr>
<td>2</td>
<td>White Sandy Formation</td>
</tr>
<tr>
<td>15</td>
<td>Gravel and Sand</td>
</tr>
<tr>
<td>19</td>
<td>Rock</td>
</tr>
<tr>
<td>20</td>
<td>Sandstone</td>
</tr>
<tr>
<td>26</td>
<td>Sandy Shale</td>
</tr>
<tr>
<td>30</td>
<td>Blue Shale</td>
</tr>
<tr>
<td>68</td>
<td>Coal</td>
</tr>
<tr>
<td>72</td>
<td>Shale Blue</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. ORVAL TENNANT, of BAKER

(Name of Approprior) (Address) (Town)

County of 

(State of)

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

2. The beneficial use on which the claim is based: Summer & Fall pasture

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: NOV 1963

4. The amount of groundwater claimed (in inches or gallons per minute): 1 gal 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: Complete Aug 11 1963

8. The depth of water table: 10 ft

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

10. The estimated amount of groundwater withdrawn each year: 575,000 gal

11. The log of formations encountered in the drilling of the well(s) if available:

   Drilled by: HERT & DONELLS, Baker, Mont

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: ORVAL TENNANT
   Date: 28 Dec 63

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

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

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

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

1. John W. Easton of
   (Address)
   (Town)
   County of
   State of
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

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

5. If used for irrigation, give the sewage 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, walls, 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: John W. Easton
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.
**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL**

Developed after January 1, 1962

(1) 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:** Chan Randall

**Address:** Mildred, Montana

**Date well started:** 10/29/71
**Completed:** 10/29/71

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

**Water Use:** Municipal

---

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Size of Well</th>
<th>Depth (Feet)</th>
<th>Flow (Gallons per minute)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 1/2</td>
<td>+1</td>
<td>189</td>
<td>N O N E</td>
</tr>
<tr>
<td>4 1/2</td>
<td>3 3/8</td>
<td>189 785</td>
<td></td>
</tr>
</tbody>
</table>

---

**Static water level:** Blow

**Pumping water level:** 120

**Pumping at:** 15 gpm

---

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

- **N.E. 1/4 Sec. 22 T.W. 13 S.
- **Driller's Signature:**

---

**LICENSE NO:** 154

---

**Show exact depth of bottom:** 785
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

ORVAL TENNANT of BAKER
(Name of Appropriator) (Address) (Town)

County of PRAIRIE State of MONT

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.

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

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

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

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

7. The depth of water table.

8. The estimated amount of groundwater withdrawn each year.

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

10. 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.

2486
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: Chan Randall
Address: Terry, Montana

Date well started: 12/14/70
Date completed: 12/21/70

Type of well: Drilled
Equipment used: Air Rotary

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

*Describe...

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Depth</th>
<th>Flow</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>6½&quot;</td>
<td>4½&quot;</td>
<td>355</td>
<td>N</td>
</tr>
<tr>
<td>4½&quot;</td>
<td>2½&quot;</td>
<td>355</td>
<td>N</td>
</tr>
</tbody>
</table>

PERFORATIONS

<table>
<thead>
<tr>
<th>Kind</th>
<th>Size</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Holes</td>
<td>3/8&quot;</td>
<td>843</td>
<td>1011</td>
</tr>
</tbody>
</table>

Static water level: 146 ft.
Pumping water level: 175 ft.

Power: Pump. HP
Remarks: Gravel packing, cementing, packers, type of shutoff-WELL
developed 5 hours by air from 348 ft, producing

38 gal. per minute.

3 packers set to hold

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

Driller’s Signature: Joe Johnson
Driller’s Address: Terry, Montana

LICENSE NO: 254

Top of Ground (Elev. above sea level)

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>36</td>
<td>165</td>
</tr>
<tr>
<td>165</td>
<td>215</td>
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<tr>
<td>215</td>
<td>355</td>
</tr>
<tr>
<td>355</td>
<td>473</td>
</tr>
<tr>
<td>473</td>
<td>476</td>
</tr>
<tr>
<td>476</td>
<td>502</td>
</tr>
<tr>
<td>502</td>
<td>615</td>
</tr>
<tr>
<td>615</td>
<td>843</td>
</tr>
<tr>
<td>843</td>
<td>1011</td>
</tr>
</tbody>
</table>

Show exact depth of bottom

4½ 259
WATER THE LUG

THEN GRIND

TO THE PUBLIC

FILED
2-10 a.m. clock F.K.
March 7, 1971

[Signature]

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

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

1. Edwin L. Selle, of Terry
   County of PRAIRIE, 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: 1938

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: 20 acres

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1954

8. The depth of water table: 11 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:
   Two wells in the water table of each other
   One well going into the other containing them together
   For one well: 30 ft deep

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

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

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: Ed L. Selle
Date: Dec 16, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the 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 Appropriate)

County of PRARIE
State of MONTANA

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

1. Edwin L. Sohke

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 since 1921.

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
   Approximately 10 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.
   Self-flowering tubing

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.
   500 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
   Drilled for about 100 feet, self-flowing tubing

10. The estimated amount of groundwater withdrawn each year.
    104,250 gallons

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 Appropirator. 
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Richard Kramer

of

Mildred

County of Prairie
State of Montana

have appropriated groundwater according to the Montana law 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: 1950 Continuous Use

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

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

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

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

8. The depth of water table: 7 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: Hand Dug 4 ft deep, 10 ft 1 ft Well

10. The estimated amount of groundwater withdrawn each year: 300,000

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: Richard Kramer

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 School of Mines and quadruplicate for the Approprietor.
84032

WaterVell Inv.

Richard Kaszuba

to

The Public

FILED
NO 261582

County Clerk

1972-7
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.

Driller's Log

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>60</th>
<th>90</th>
<th>120</th>
<th>150</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Miles above sea level)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Static water level</th>
<th>90 ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pumping water level</td>
<td>175 ft.</td>
</tr>
<tr>
<td>at 250 gallons per minute, measured 60 minutes after pumping began.</td>
<td></td>
</tr>
<tr>
<td>*Measured from ground level.</td>
<td></td>
</tr>
<tr>
<td>Well developed by Afe.</td>
<td></td>
</tr>
<tr>
<td>Power Pump</td>
<td>HP</td>
</tr>
<tr>
<td>Remarks: Gravel packing, cementing, packers, type of shutoff</td>
<td></td>
</tr>
<tr>
<td>Set perforated 2&quot; casing to mouth and 6&quot; gravel packed in attempt to develop water at 30'. Successful then drove 6&quot; casing down to 80'.</td>
<td></td>
</tr>
</tbody>
</table>

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

Driller's Signature: J. D. Johnson
Driller's Address: J. D. Johnson, Terry, Montana

LICENSE NO. 154
## Groundwater Index

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>RUFF, CHRISTINA</td>
<td>GW-4</td>
<td>95930</td>
<td></td>
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<tr>
<td>2</td>
<td>BUECHLER, JEROME</td>
<td>GW-2</td>
<td>94230</td>
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<tr>
<td>3</td>
<td>BUECHLER, RAYMOND</td>
<td>GW-2</td>
<td>92222</td>
<td></td>
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<tr>
<td>4</td>
<td>BUREAU OF LAND MANAGEMENT</td>
<td>GW-4</td>
<td>94999</td>
<td></td>
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<tr>
<td>7</td>
<td>EHMAN, HENRY</td>
<td>GW-2</td>
<td>95415</td>
<td></td>
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<tr>
<td>7</td>
<td>EHMAN, HENRY</td>
<td>WATER WELL</td>
<td>91911</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>MATHIASON, ERLING</td>
<td>GW-3</td>
<td>94246</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>MATHIASON, ADOLPH</td>
<td>GW-3</td>
<td>97113</td>
<td></td>
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<tr>
<td>19</td>
<td>GASTON, JOHN W.</td>
<td>GW-4</td>
<td>83404</td>
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<tr>
<td>20</td>
<td>BUREAU OF LAND MANAGEMENT</td>
<td>GW-4</td>
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<tr>
<td>20</td>
<td>BUREAU OF LAND MANAGEMENT</td>
<td>GW-4</td>
<td>94443</td>
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<tr>
<td>28</td>
<td>MATHIASON, OSCAR</td>
<td>GW-4</td>
<td>85507</td>
<td></td>
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<td>29</td>
<td>MATHIASON, ADOLPH</td>
<td>GW-4</td>
<td>82319</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>KRAMER, RICHARD</td>
<td>GW-4</td>
<td>84032</td>
<td></td>
</tr>
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<td>31</td>
<td>KRAMER, RICHARD</td>
<td>GW-4</td>
<td>84032</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>ESKEL, RENO</td>
<td>WATER WELL</td>
<td>82280</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>MATHIASON, ERLING</td>
<td>GW-4</td>
<td>95504</td>
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</tr>
<tr>
<td>33</td>
<td>MATHIASON, ERLING</td>
<td>GW-4</td>
<td>95505</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>MATHIASON, OSCAR</td>
<td>GW-4</td>
<td>95505</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)

STATE ENGINEER

1. Christina Krydf of Linds
   (Name of Appropriator)
   (Address)
   (Town)
   County of
   State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based

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

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

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

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

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 by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Fred J. Buehler  Address: Terry, Montana
Driller: Frank Bandy, Jr.  Address: Broadus, Montana
Date of Notice of Appropriation of Groundwater
Date well started  Date Completed
Type of well... Drilled.  Equipment Used.  Rotary
(dug, driven, bored or drilled) (Churn, drill, rotary or other)
Water Use: Domestic  Municipal  Stock  Irrigation
Industrial  Drainage  Other

"To 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.

Static Water Level for non-flowing Well.... 70 feet.
Shut-in Pressure for flowing Well
Pumping Water Level.... 120 feet at 15 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)

"
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Raymond Swendler
Address: Fallsburg, Mont.

Driller: Joe Johnson
Address: Terry, Mont.

Date of Notice of Appropriation of Groundwater: 9/30/67
Date Well Started: 9/16/67
Date Completed: 9/17/67

Type of Well: Drilled
Equipment Used: Rotary

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

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</th>
<th>Depth (Feet)</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>0' - 3'</td>
<td>Limestone</td>
<td></td>
</tr>
<tr>
<td>3 - 15</td>
<td>Bm. Sand</td>
<td></td>
</tr>
<tr>
<td>15 - 20</td>
<td>Clay Shale</td>
<td></td>
</tr>
<tr>
<td>20 - 28</td>
<td>Bm. Sandy Shale</td>
<td></td>
</tr>
<tr>
<td>28 - 35</td>
<td>Yellow Sand</td>
<td></td>
</tr>
<tr>
<td>35 - 65</td>
<td>Bm. Sand</td>
<td></td>
</tr>
<tr>
<td>65 - 68</td>
<td>Gray Shale</td>
<td></td>
</tr>
<tr>
<td>68 - 70</td>
<td>Coal</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Wells:

Shut-in Pressure for Flowing Well:

Pumping Water Level:

Discharge in gal, per min. of flowing well:

How Tested: Pumped
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).

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Free (Feet)</th>
<th>Tie (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>65.0'</td>
<td>0'</td>
<td>70'</td>
<td>Holes 3/8&quot;</td>
</tr>
</tbody>
</table>

1/2

Static Water Level for non-flowing Well: 36 feet.

Shut-in Pressure for Flowing Well: [value]

Pumping Water Level: 40 feet at 5 gal. per minute.

Discharge in gal, per min. of flowing well: [value]

How Tested: Pumped
Length of Test: [value]

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.

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

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

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

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

Bureau of Land Management (Name of Appropriator)
at Box 960, Miles City (Address) (Town)

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

1. Property Location

SW 1/4 Sec. 4 T11N R 34E

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based

Livestock water

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) 3 gal/min

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

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

Windmill - BLOCK OF Sec. 4

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1967

8. The depth of water table 138'

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 138' depth, 6' casing, 33' pump

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

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 by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Henry Eshman
Address: Fallon, Mont.

Driller: Joe Johnson
Address: Terry, Mont.

Date well started: Nov. 13, '67
Date completed: Nov. 16, '67

Type of well: Drilled
Equipment used: Rotary

Type of Water Use:
- Domestic
- Municipal
- Irrigation
- Industrial
- Drainage
- Other

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

<table>
<thead>
<tr>
<th>Depth of Hole</th>
<th>Size and Weight of Drill</th>
<th>From Ground</th>
<th>To Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 1/4</td>
<td>4.70</td>
<td>0</td>
<td>105</td>
</tr>
<tr>
<td>4 1/2</td>
<td>2.70</td>
<td>105</td>
<td>1002</td>
</tr>
<tr>
<td>4 1/4</td>
<td>11.44</td>
<td>105</td>
<td>1002</td>
</tr>
<tr>
<td>4 3/8</td>
<td>3.74</td>
<td>3/8</td>
<td>925</td>
</tr>
<tr>
<td>4 3/8</td>
<td>3.74</td>
<td>3/8</td>
<td>930</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for flowing well

Pumping Water Level at

Discharge in gal. per min. of flowing well

How Tested: Open Flow

Length of Test: 24 hrs

Remarks: (Gravel packing, cementing, packer, type of strata etc.)

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

Show exact depth of bottom.

1002

(Continue on reverse side)

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

Driller's license number: 42-575

Driller's Signature: [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; these copies to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana  

WATER WELL LOG  
STATE ENGINEER  

<table>
<thead>
<tr>
<th>Owner</th>
<th>Mr. Henry Ehman</th>
<th>Address</th>
<th>Fallon, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Johnson Water well Service</td>
<td>Address</td>
<td>Terry, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>10-24-59</td>
<td>Date Completed</td>
<td>10-24-59</td>
</tr>
<tr>
<td>Location: Sec.</td>
<td>7</td>
<td>T.</td>
<td>11</td>
</tr>
<tr>
<td>Type of well</td>
<td>Equipment used</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water use:</td>
<td>Domestic</td>
<td>Municipal</td>
<td>Stock</td>
</tr>
<tr>
<td>Industrial</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water use:</td>
<td>Domestic</td>
<td>Municipal</td>
<td>Stock</td>
</tr>
<tr>
<td>Casing:</td>
<td>Size</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Size</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>feet.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb/sq. in. on:</td>
<td>(date)</td>
<td></td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>feet at approx</td>
<td>gal. per min.</td>
<td></td>
</tr>
<tr>
<td>How tested:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td>1 hour</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(over)
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  

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

Date of Notice of Appropriation of Groundwater:  
Date well started:  
Date Completed:  

Type of well: Drilled  
Equipment Used:  
(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 Casting</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8 410</td>
<td>9 68</td>
<td>O 101</td>
<td></td>
<td>X 68 180</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well:  
Shut-in Pressure for Flowing Well:  
Pumping Water Level: 85 feet at 15 gal. per minute.  
Discharge in gal, per min. of flowing well:  
How Tested:  
Length of Test:  
Remarks: (Gravel pacing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)  

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1982
(Under Chapter 237, Montana Session Laws, 1961)

Driller: Joe Johnson, Drilling Address: Terry, Montana

Date well started: 1/17/68 Date completed: 3/17/68

Type of well: Drilled Equipment used: Rotary (Dug, driven, bored or drilled) (Churn drill, rotary or other)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>Depth (Feet)</th>
<th>Flow (Feet)</th>
<th>Holes</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 5/8&quot;</td>
<td>4&quot; ID</td>
<td>118 ft</td>
<td>148 ft</td>
<td></td>
<td>95 ft</td>
<td>125 ft</td>
</tr>
</tbody>
</table>

Static Water Level, for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level 125 feet

Discharge in gal. per min. of flowing well

How Tested: bailer tested

Length of Test: 90 min.

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

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: 542

Driller's Signature: Joe Johnson

File No. MONTANA WATER RESOURCES BUREAU

RECEIVED FEB 15 1968

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Approved Stock Form—State Printing Co., Helena, Montana—4561

County: Prairie

File No. Address: Mildred, Montana

Notice of Notice of appropriation of groundwater.

Date of Notice of appropriation of groundwater.

County Clerk and Recorder in the county in which the well is located, tissue copy to be retained by driller.

Driller's License Number: 542

Driller's Signature: Joe Johnson

43020
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Name of Appropriator: Cyril Mathison
Address: Wildwood
Town: County: State: Montana

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

2. The beneficial use on which this claim is based

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   1928 - 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

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
   Completed 1928

8. The depth of water table
   About 110 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   Drilled - Finish casing - 146 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

Signature of Owner: Cyril Mathison
Date: Dec. 23-1963

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

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

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

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

   County of Flathead, 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: Agriculture.

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

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

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...
   1951 - September.

8. The depth of water table...
   120 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...
   Fishing - Building.

10. The estimated amount of groundwater withdrawn each year...
    7,680,000 gals.

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

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

Signature of Owner: John L. Lorton

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.

24945
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Bureau of Land Management of Box 960, Miles City
   (Name of Appropriator) (Address) (Town)

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

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

3. Date or approximate date of earliest beneficial use and how continuous the use has been
   1946 - continuous

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

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

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

   Windmill - Windmill of Box 20

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   1946

8. The depth of water table 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
   135' deep, 4' standard casing. Monitor 10' mill, 35' screen

10. The estimated amount of groundwater withdrawn each year 1,300,000 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
   EM 21a No. MM-E-218

   District Manager
   ____________________________
   ________________

   Date 1-2-63

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.