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

Owner: State Highway Commission, Glendive, Montana
Driller: Ira C. Bond & Sons
Address: Terry, Montana

Date of Notice of appropriation of groundwater: 1/26/70
Date well started: 1/26/70
Date completed: 1/29/70
Type of well: driven
Equipment used: cable tool
(Churn, driven, bored or drilled)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4½</td>
<td>4½ od.</td>
<td>33</td>
<td>31/16</td>
<td>29</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 18 feet
Shut-in Pressure for flowing well 30 feet
Pumping Water Level 30 feet
Discharge in gal. per min. of flowing well
How Tested: pumped
Length of Test: 2 hrs.

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

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature

37
91902
Water Toll Log
Statue, Henry County
The Publisher

FILED
at 9:45 o'clock A.M.,
Feb 3, 1891
By M. Johnson

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

Harvey Johnson, of Kalispell, 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:
   - No. 1 - Household
   - No. 2 - Household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   - No. 1 - 1942 - Continuous
   - No. 2 - 1942 - Continuous
   - No. 3 - 1942 - Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   - No. 1 - 5 gallons
   - No. 2 - 5 gallons
   - No. 3 - 5 gallons

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   - No. 1 - 1942
   - No. 2 - 1942
   - No. 3 - 1942

8. The depth of water table:
   - No. 1 - 17 feet
   - No. 2 - 17 feet
   - No. 3 - 17 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:

10. The estimated amount of groundwater withdrawn each year:
   - No. 1 - 184,505 gallons
   - No. 2 - 343,850 gallons
   - No. 3 - 343,850 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: Harvey Johnson
Date: Jan 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. If not applicable, so state, otherwise the form will be returned.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: Ben Smith
Address: Terry, Montana

Driller: J.R. Bond & Sons
Address: Terry, Montana

Date of Notice of appropriation of groundwater: 10/13/69
Date well started: 10/13/69
Date completed: 10/18/69

Type of well: Dug (Dug, driven, bored or drilled)
Equipment used: cable tool (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 Cable</th>
<th>Penetration</th>
<th>Kind</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>6 5/8 oz</td>
<td>0 60</td>
<td>none</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-In Pressure for Flowing Well

Pumping Water Level: 40 feet
at 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: bailled

Length of Test: 2 hrs.

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: Bond
Driller's Signature: J.R. Bond

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, three copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Entered Hall Log  
Ben Smith  
To The Public.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Mrs. Alice Strasburg
Address: Terry, Montana

County: Prairie

Date of Notice of appropriation of groundwater: 5/20/48

Date well started: 5/20/48

Date completed: 5/25/48

Type of well: Drilled

Equipment used: Rotary

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

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

<table>
<thead>
<tr>
<th>Strata</th>
<th>Character and Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>Topsoil</td>
</tr>
<tr>
<td>10</td>
<td>30 sand</td>
</tr>
<tr>
<td>15</td>
<td>Gray shale</td>
</tr>
<tr>
<td>20</td>
<td>Bk shale &amp; gravel</td>
</tr>
<tr>
<td>25</td>
<td>Gray shale</td>
</tr>
<tr>
<td>30</td>
<td>Rock</td>
</tr>
<tr>
<td>35</td>
<td>Gray shale</td>
</tr>
<tr>
<td>40</td>
<td>Bk shale</td>
</tr>
<tr>
<td>45</td>
<td>Gray shale</td>
</tr>
<tr>
<td>50</td>
<td>Rock</td>
</tr>
<tr>
<td>55</td>
<td>Gray shale</td>
</tr>
<tr>
<td>60</td>
<td>Gray sand</td>
</tr>
<tr>
<td>65</td>
<td>Rock</td>
</tr>
<tr>
<td>70</td>
<td>Gray sand</td>
</tr>
<tr>
<td>75</td>
<td>Rock</td>
</tr>
<tr>
<td>80</td>
<td>Gray sand</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 75 feet.

Shut-in Pressure for Flowing Well: 108 feet.

Pumping Water Level: 42 feet.

Discharge in gal. per min. of flowing well: 22 gpm.

How Tested: Open flow.

Length of Test: 92 hrs.

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

Cemented with 15

Back of cement.

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

Driller’s License Number: 1BBBJ

Driller’s Signature: 449797
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

John E. Schwarz

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 — For human consumption or stock water

3. Date or approximate date of earliest beneficial use: and how continuous the use has been — Approximately 1950

4. The amount of groundwater claimed (in miner's inches or gallons per minute) — 25 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 — Approximately 1950

8. The depth of water table — 50 to 500 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 — 500 to 1000 ft. deep, screen, etc.

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

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

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. 7, 1963

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

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

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

**Owner:** Lester D. Taylor  
**Address:**  
**Date Started:** June 1951  
**Date Completed:** June 30th, 1951  
**Location:** Sec. 24 T. 12 R. 51 4 sec.

<table>
<thead>
<tr>
<th>Casing</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 ft. to 27 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>27 ft. to</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

- **Water use:** Stock (X)  
- **Industrial**  
- **Domestic**  
- **Municipal**  
- **Drainage**  
- **Irrigation**  
- **Other:**

**Casing:**  
- 1 ft. to 27 ft. Type Size
- 27 ft. to
- | Type | Size |
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Perforated or Screened:** 3/8 holes

**Static Water level:** feet

**Shut-in pressure:** lb/sq. in. on:  
**Pumping water level:** feet at gal. per min.

**How tested:** Motor driven pump Jack

**Length of test:** 30 mins

**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>1 - 6</td>
<td>Clay gravel</td>
</tr>
<tr>
<td>6 - 15</td>
<td>Clay</td>
</tr>
<tr>
<td>15 - 25</td>
<td>Sandstone - shale</td>
</tr>
<tr>
<td>25 - 37</td>
<td>Sand</td>
</tr>
</tbody>
</table>
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana 

WATER WELL LOG 

STATE ENGINEER 

Owner: R. E. TIBBETS  
Address: Terry, Mont.  

Driller: Henry J. JOHNSON  
Address: Terry, Mont.  

Date Started:  
Date Completed:  

Location: Sec. 24, T., 12N R. 57E 1/4 sec.  

Type of well: Drilled  
Equipment used: Cable tool  
(Churn drill, rotary, other)  

Water use: Domestic  
Municipal  
Stock  
Irrigation  
Industrial  
Drainage  
Other:  

Casing: 0 ft. to 54 ft. Type: std  
Size: 4x2  

Casing:  
Type:  
Size:  

Casing:  
Type:  
Size:  

Perforated or Screened: Ft. 30 to ft. 50  
Pt. to ft.  

Type of screen or perforations:  
Holes  

Static Water level, for non-flowing well: 32 ft.  

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

Pumping water level: 45 ft. feet at 12 gal. per min.  

How tested: 

Length of test: 1 hour  

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  
Gravel packed from bottom to top  

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Sandy top soil</td>
</tr>
<tr>
<td>3</td>
<td>Unconsolidated rock</td>
</tr>
<tr>
<td>8</td>
<td>Yellow shale</td>
</tr>
<tr>
<td>13</td>
<td>Brown Shale</td>
</tr>
<tr>
<td>19</td>
<td>Blue shale</td>
</tr>
<tr>
<td>34</td>
<td>Water in shale crevice</td>
</tr>
<tr>
<td>35</td>
<td>Blue shale</td>
</tr>
</tbody>
</table>

Log of Well
# WATER WELL LOG

**Owner:** Sheldon Musler  
**Address:** Terry, Montana

**Driller:** L. C. Bond  
**Address:** Terry, Montana

**Date Started:** Dec. 5, 1959  
**Date Completed:** Dec. 16, 1959

**Location:** Sec. 24 T. 12 R. 51 W. 4

---

**Type of well:** Drilled  
**Equipment used:** Both Cable and Rotary

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

**Casing:**  
- Surface ft. to 69 ft. Type: Steel Size: 6"  
- Surface ft. to 514 ft. Type: Block Size: 2"

**Perforated or Screened:**  
- Above 500 ft. to ft.  
- Type of screen or perforations: burned holes

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

**Shut-In pressure, for flowing well:** 12 gal per minute December 16, 1959

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

**How tested:**

**Length of test:**

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

---

(over)
**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sheldon Tabler</td>
<td>Terry, Montana</td>
<td>Ira C. Bond</td>
<td>Terry, Montana</td>
<td>Dec. 5, 1959</td>
<td>Dec. 16, 1959</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location:</th>
<th>Sec.</th>
<th>T.</th>
<th>R.</th>
<th>S.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>24</td>
<td>12</td>
<td>65</td>
<td>3/</td>
</tr>
</tbody>
</table>

**Type of well**
- Drilled
- Equipment used: Pump, Electric, Rotary

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

**Casing:**
- Surface ft. to 69 ft. Type: Steel, Size: 6'
- Surface ft. to 529 ft. Type: Block, Size: 2'
- Casing ft. to ft. Type: Size:

**Perforated or Screened:**
- 500 ft. to 514 ft.

**Type of screen or perforations:**
- Burned holes

**Static Water level, for non-flowing well:**
- Feet

**Shut-in pressure, for flowing well:**
- 12 gal per minute
- Date: December 16, 1959

**Pumping water level:**
- ft.
- gal. per min.

**How tested:**

**Length of test:**

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

---

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>37 gumbo</td>
</tr>
<tr>
<td>27</td>
<td>60 gravel, with a little water</td>
</tr>
<tr>
<td>69</td>
<td>76 gumbo</td>
</tr>
<tr>
<td>75</td>
<td>77 rock</td>
</tr>
<tr>
<td>77</td>
<td>84+ brya clay</td>
</tr>
<tr>
<td>84.4</td>
<td>85 rock</td>
</tr>
<tr>
<td>85</td>
<td>135 gumbo</td>
</tr>
<tr>
<td>135</td>
<td>137 coal</td>
</tr>
<tr>
<td>137</td>
<td>150 gumbo</td>
</tr>
<tr>
<td>150</td>
<td>151 rock</td>
</tr>
<tr>
<td>151</td>
<td>2.09 gumbo</td>
</tr>
<tr>
<td>209</td>
<td>211 coal</td>
</tr>
<tr>
<td>211</td>
<td>233 gumbo</td>
</tr>
<tr>
<td>233</td>
<td>247 clay</td>
</tr>
<tr>
<td>247</td>
<td>2.55 gumbo</td>
</tr>
<tr>
<td>255</td>
<td>328 clay</td>
</tr>
<tr>
<td>328</td>
<td>367 gumbo</td>
</tr>
<tr>
<td>367</td>
<td>385 blue clay</td>
</tr>
<tr>
<td>385</td>
<td>413 gumbo</td>
</tr>
<tr>
<td>413</td>
<td>424 sandy clay</td>
</tr>
<tr>
<td>424</td>
<td>436 water sand, 2 gal. per minute</td>
</tr>
<tr>
<td>436</td>
<td>500 shale</td>
</tr>
<tr>
<td>500</td>
<td>514 water sand &amp; gallon per minute</td>
</tr>
<tr>
<td>514</td>
<td>529 gumbo</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

STATE ENGINEER

File No. 32.918

DUPLICATE

Name of Appropriator: David A. Rose

Address: Terry

County of: Lewis

State of: Montana

I, David A. Rose, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 50 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: None

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

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

8. The depth of water table: Unknown

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: No information available

10. The estimated amount of groundwater withdrawn each year: 0.5, 920,000 gal

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: None available

Signature of Owner: David A. Rose

Date: Jan 31, 1962

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

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

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

STATE ENGINEER

1. Ralph Bray, C/O Fred Carroon
   (Name of Appropriator)
   (Address) (Town)
   County of Prairie
   State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1902, as follows:

2. The beneficial use on which the claim is based: Stock water and sub-irrigate approximately 100 acres

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1910 and has been used continuously since that time.

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

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 — springs used for stock water.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Not applicable

8. The depth of water table: Unknown

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Not applicable

10. The estimated amount of groundwater withdrawn each year: 200,000 gals. per year

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

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

Signature of Owner

Date: January 9, 1962

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

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

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

[Diagram of well locations]

Ralph Bray

(Names of Appropriators)

FRED UNRUH

(GLANDIN NE) 1,

of Terry, Montana

(Address)

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 water and sub-irrigation approximately 100 acres hay-lodge

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 5 gallons per minute per spring (14 springs)

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: 80-acre irrigated 100 acres (approx. of hay

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Free-closing springs

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Not applicable

8. The depth of water table: Unknown

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Not applicable

10. The estimated amount of groundwater withdrawn each year: 36,792,000 gallons per year

11. The logs of formation, if made by the driller 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: No other information available

Signature of Owner

Date January 8, 1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>R. L. Sibbette</td>
</tr>
<tr>
<td>Address</td>
<td>Terry, Mont.</td>
</tr>
<tr>
<td>Driller</td>
<td>E. C. Reed</td>
</tr>
<tr>
<td>Address</td>
<td>Terry, Mont.</td>
</tr>
<tr>
<td>Date Started</td>
<td>Approx. 1930</td>
</tr>
<tr>
<td>Date Completed</td>
<td>1930</td>
</tr>
<tr>
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<td>Equipment used</td>
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<td>(Other drill, rotary, other)</td>
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<td>Drainage</td>
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<td>Type: 84</td>
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<tr>
<td>Siz.</td>
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<tr>
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<td>Perforated or Screened: 70 ft. to 90 ft.</td>
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<td>Shut-in pressure, for flowing well: 50 lb./sq.in. on: (date)</td>
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<td>Pumping water level: 60 feet at 500 gal. per min.</td>
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<td>Length of test: I hr.</td>
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<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
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(over)
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. **Lester Jans**
   (Name of Appropriator)
   of
   (Address)
   (Town)

   County of
   (Flair)

   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): **1/2**

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: **Open**

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: **Surface**

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: **262,800**

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: **Lester Jans**
   (Signed)
   (Date: Sept 17, 1962)

These 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)

Gary H. Larson And Carol E. Larson
of Box 635

County of Prairie
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...House use, stock water, sub irrigation of hay meadow

2. Date or approximate date of earliest beneficial use; and how continuous the use has been, continuous use for at least 70 years.

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

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

5. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...Not known for sure

6. The depth of water table...Not known

7. The log of formations encountered in the drilling of each well if available...does not apply

8. The estimated amount of groundwater withdrawn each year...2,628,000 per spring

9. 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...does not apply

Signature of Owner

Date January 2, 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)

1. Buffalo Rapids Project board of Control of ____________________________ Terry
   (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: ________________________
      lawn irrigation

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1951
      Steadily each growing season.

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

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

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

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

   8. The depth of water table: 26.8 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: 30 feet Hand dug.

   10. The estimated amount of groundwater withdrawn each year: 8,610

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

   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: none

   Signature of Owner: Buffalo Rapids Project board of Control

   Date: Nov. 4, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
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<th>Type of Form</th>
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WATER WELL LOG

Owner: Otto Beuchler
Address: Fallon, Montana

Driller: Ira C. Bond
Address: Terry, Montana

Date Started: September 26, 1957
Date Completed: Sept. 9, 1957

Location: Sec. 1
T. 12
R. 52S
1/4 sec. 5w of the NE^4

Type of well: Drilled
Equipment used: Rotary
(Cham, drill, rotary, other)

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

Casing:
0 ft. to 36 ft. Type: steel
Size: 6 inch

Casing:
0 ft. to 70 ft. Type: gal. steel
Size: 2 inch

Casing:
640 ft. to 644 ft. Type: [ ] Size: [ ]
655 ft. to 725 ft. Type: [ ] Size: [ ]

Perforated or Screened: 5/16 holes cut 3 in. apart with cutting torch

Static Water level, for non-flowing well: 60 feet

Shut-in pressure, for flowing well: 20 lb/sq. in. on September 9, 1957

Pumping water level: 5 feet at gal. per min

How tested: with five gallon bucket

Length of test: one minute

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

(over)
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<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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WATER WELL LOG

Owner: Otto Buschler                  Address: Fallon, Montana
Driller: Ern C. Bond                   Address: Terry, Montana

Date Started: Sept 7, 1957               Date Completed: Sept 9, 1957
Location: Sec. 1 T. 12 R. 52            4 sec. SE/4 of NW/4

Type of well: Artesian

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

Casing: surrogate to 36 ft. Type: Steel Size: 6"
Casing: Surface to 747 ft. Type: Galv Size: 2"

Perforated or Screened: Ft. 678 to Ft. 740

Type of screen or perforations: holes 1/2" burred with torch

Static Water level, for non-flowing well: 32 feet

Shut-in pressure, for flowing well: 206 lb/sq. in. on: Sept 9, 1957

Pumping water level: feet at gal. per min.

How tested:

Length of test:

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
Surface casing grouted in with bentonite. Well Seal used at top.
2" Gate Valve at top of casing used for shut off.
## Log of Well

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STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

J. W. Ness, of Fallon
County of Missoula, State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner: John W. Ness
Date: Dec 26, 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)

Fred J. Kaull of Fallon
(Owner)
(Address) (Town)

The beneficial use on which the claim is based:

The date or approximate date of earliest beneficial use; and how continu-

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

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

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

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

The depth of water table:

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

The estimated amount of groundwater withdrawn each year:

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

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

Signature of Owner:

Date:

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriate.
Declaration of Vested Groundwater Rights
(Under Chapter 237 Montana Session Laws, 1961)

J.C. Wheeler
Address
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 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 C. Wheeler
Date: June 2, 1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
DECLARATION OF VESTED GROUNDWATER RIGHTS

UNDER CHAPTER 237, MONTANA SESSION LAWS, 1961

J. C. or Myrtle V. Wheeler

County of
State of

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 land 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 depth of the 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 School of Mines and Quadruplicate for the Appropriator.
Water well leg to The Public
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>April 11, 1959</td>
<td>April 29, 1959</td>
</tr>
</tbody>
</table>

Location: Sec 2, T 41 N, R 52 W 1/4 sec 36 of the 5th P.

Type of well: Drilled

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

Casing: 0 ft. to 726 ft. Type: Steel, galv. Size: 2 inch
Casing: 726 ft. to 34 ft. Type: [ ] Size: [ ]
Casing: [ ] ft. to [ ] ft. Type: [ ] Size: [ ]

Perforated or Screened: 0 ft. to 720 ft. [ ]

Type of screen or perforations: 1/2 in. hole cut 1/4 inches apart with cutting torch

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: [ ] with bucket (five gallon) and water

Length of test: for one minute. Flows 50 g.p.m. after flow 4-2-59

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>3</td>
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<tr>
<td>3</td>
<td>6</td>
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<tr>
<td>720</td>
<td>723</td>
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<td>723</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237—Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1953
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.

Springs

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.

Springs were intermittently used
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 School of Mines 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. Knuth Cattle Co
   of Terry
   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 formation: 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 School of Mines and Quadruplicate for the Appropriator.
# Declaration of Vested Groundwater Rights

**State of Montana**
**Administrator of Groundwater Code**
**Office of State Engineer**

(Under Chapter 237, Montana Session Laws, 1961)

1. **Name of Appropriator**: Knuthe Castle Co.
   - **Address**: Terry
   - **Town**: (Address)
   - **County of**: (Name)
   - **State of**: Montana

2. **State Engineer**

3. **Date or approximate date of earliest beneficial use; and how continuous the use has been**: 1909

4. **The amount of groundwater claimed (in miner's inches or gallons per minute)**: 2.0 gal per min

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

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

7. **The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater**: Commenced: 1909

8. **The depth of water table**: 500 ft to bottom end

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 to a depth of 550 ft and completed with 2 casing

10. **The estimated amount of groundwater withdrawn each year**: 3,000,000 cu. ft

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**: Knuthe Castle Co.

**Date**: Jan 25, 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 School of Mines 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. Ludwig Strickel, of Fallow,
   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: Field watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1945 - 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: Commenced 1943, Completed approximately 1943

8. The depth of water table: 60 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 - 2 inchesing - 300 feet

10. The estimated amount of groundwater withdrawn each year: 437,100 gallons

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: None

Signature of Owner: Ludwig Strickel
Date: Dec. 30-1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

**County of:**

**State:**

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

<table>
<thead>
<tr>
<th>Section</th>
<th>Range</th>
<th>T.</th>
<th>R.</th>
<th>S.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sec. 12 T. 12 R. 52</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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: Spring - Well - Stock watering

3. Date or approximate date of earliest beneficial use; and how continuing the use has been continued: Spring - 1959 - Continuing

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Spring - Developed - 1959

8. The depth of water table: Well - 25 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: Spring - Drift 50 ft. Spring - 10 ft. deep.

10. The estimated amount of groundwater withdrawn each year: Spring - 1,100 gallons per year

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: None

Signature of Owner: __________________________

Date: 01-30-1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Approp rator.
DECLARATION OF VESTED GROUNDWATER RIGHTS

(under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Name of Appropriator) of (Address)
(State of Montana)

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

1. 
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.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 227, Montana Session Laws, 1961)

Owner: Martin Sackman
Address: Fallon, Montana

Driller: Joe Johnson
Address: Terry, Montana

Date of Notice of Appropriation of Groundwater: May 2, 1967
Date well started: 2/27/67
Date Completed: 3/23/67
Type of well: Drilled
Equipment Used: Rotary

Water Use: Domestic
Industrial
Municipal
Other
Irrigation

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

- 0-110 - Sand & Gravel
- 110-120 - Quick Sand
- 120-180 - Blu Slate & Shale of Coal
- 180-200 - Mt. Grayson Slate
- 200-205 - Rock
- 205-225 - Blu Slate & Coal
- 225-240 - Grey Sand Shale
- 240-255 - Grey Sand Shale
- 255-285 - Blu Shale
- 285-335 - Mt. Greyson Sand
- 335-650 - Blu Slate - Shirts of Rock
- 650-685 - Rock
- 685-725 - Blu-Gray Sand
- 725-800 - Shale & of Sand
- 800-804 - Rock
- 804-815 - Sand
- 815-900 - Rock
- 900-916 - Shale & Strips of Sand
- 916-936 - Shale

Depth of Well: 936 feet

State Water Level for non-flowing Well: 160 feet

Shut-in Pressure for Flowing Well:

Pumping Water Level: 180 feet at 7½ gal. per minute.

Discharge in gal. per min. of flowing well:

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)

Pocket Set

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.

41,953