STATE OF MONTANA
County of (Co.)

Filed in the Name of the County Clerk and
Recorder of C., St.,., Montana.
this.............

A. D. 19...

Champlin & Company

Mariner & Co.

Fee Paid: $...

[Signature]

County Clerk
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

T. J. Noland
(Name of Appropriator)
of Jordan,
(Address)
(Town)
County of Garfield 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:
   stock water purposes

2. Date or approximate date of earliest beneficial use; and how continuous the use has been since
   in the 1920s by former owners, and has been used continuously since
   by former owners and myself.

3. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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:
   not used for irrigation

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   by pump and windmill, also gasoline engine

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

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

8. The depth of water table:
   20 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 water well, 4 inch casing, 3/4 inch pipe, 60 feet deep

10. The estimated amount of groundwater withdrawn each year:
   750,000 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:
   Not available

Signature of Owner:
Date: December 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 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)

Northern Pacific Railway Company

1. County of Ramsey State of Minnesota

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: Furnishing water for livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Continuous since 1969.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 8 gallons per minute.

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

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: Drilled in 1969.

8. The depth of water table: 40 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: ISO feet deep – 4-inch casing.

10. The estimated amount of groundwater withdrawn each year: None.

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.

Northern Pacific Railway Company

Signature of Owner: By. [signature]

Dist. Supervisor, Graz. & Cult.

Date: Dec 10, 1969

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

Northern Pacific Railway Company, of N.P. Bldg., St. Paul
(Name of Appropriator) (Address) (Town)
County of Ramsey State of Minnesota

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: Furnishing water for livestock.

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

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

6. The manner in which water is withdrawn and the location of the point of withdrawal: Pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Well, drilled in August, 1961.

8. The depth of water table: 120 feet.

9. The type, size and depth of each well or the specifications of any other works for the withdrawal of groundwater: 250 feet deep - 4½ inch casing.

10. The estimated amount of groundwater withdrawn each year: None.

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

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

Northern Pacific Railway Company
Signature of Owner: By
Assistant Supervisor, Graz. and Cult.
Date: Dec. 27, 1963.

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

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

Filed in the office of the County Clerk and
Recordar of Garfield County, State of Montana,
the 1st day of December, 1884.

Signed:

County Clerk and Recorder

Paid $5.00
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<th>Owner</th>
<th>Dutton</th>
<th>Address</th>
<th>Jordan, Montana</th>
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<tr>
<td>Driller</td>
<td>Harvey McConnell</td>
<td>Address</td>
<td>Roundup, Montana</td>
</tr>
<tr>
<td>Date Started</td>
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<td>Date Completed</td>
<td>Aug 17, 1961</td>
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<th>Equipment used</th>
<th>Churn</th>
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<tr>
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<td>Dug, driven, bored, or drilled</td>
<td>Churn drill, rotary, other</td>
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<td>Perforated or Screened:</td>
<td>60 ft. to ft.</td>
<td>Type</td>
<td></td>
<td>Size</td>
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<td>Type of screen or perforations</td>
<td>slots</td>
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<td></td>
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| Static Water level, for non-flowing well: | 165 ft. from top | feet |
| Shut-in pressure, for flowing well: |                      | (date) |
| Pumping water level: | 12 ft. at 18 gal. per min. | |
| How tested: | bailer | |
| Length of test: | 3/4 hour | |
| Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) | |

0 - 0
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## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Northern Pacific Railway Company</th>
<th>M.P.Bldg.</th>
<th>St. Paul</th>
</tr>
</thead>
<tbody>
<tr>
<td>County of Ramsey</td>
<td>State of</td>
<td>Minnesota</td>
</tr>
</tbody>
</table>

The following has been appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

- **2.** The beneficial use on which the claim is based: **Furnishing water for livestock.**

- **3.** Date or approximate date of earliest beneficial use; and how continuous the use has been: **Continuous since 1937.**

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

- **5.** If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: **None.**

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

- **7.** The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **Well, drilled in July, 1937.**

- **8.** The depth of water table: **15 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: **41 feet deep - 6 inch casing.**

- **10.** The estimated amount of groundwater withdrawn each year: **None.**

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

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

---

Northern Pacific Railway Company

Signature of Owner: **By Thomas Kirkland**

Asset Supervisor, Graz. and Cult.:

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 Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriate.
STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, the 29th day of October, A.D. 1803, on the 2nd day of December, 1803.

CHAS. S. HUMPHREYS
County Clerk and Recorder

Paid.

[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. Hooker Cattle Co., of Jordan, Montana
   (Name of Appropriator) (Address) (Town)

   County of Garfield, State of Montana
   (County) (State)

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   June 10, 1956

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

5. If used for irrigation, give the average 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.
   Windmill or gas pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   June 10, 1956

8. The depth of water table.
   132 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.
   150 ft., deep 4 in. casing cased to the bottom

10. The estimated amount of groundwater withdrawn each year.
    250,000 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: John R. Hooker

Date December 25, 1963

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

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

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

Filed in the - of the County Clerk and
Recorder of Deeds, County of Montana, this 31st day of October, A.D. 19... 

County Clerk

County Recorder

Notary Public

[Signature]

[Signature]
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>Northern Pacific Railway Company</td>
<td>467</td>
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</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. G. A. Robertson, of Box 726, Jordan, State of Montana
   (Name of Appropriator) (Address) (Town)

   County of Garfield, 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.1905.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Day, month, year, 1905.

8. The depth of water table. Not known.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Ungraded indicator. 3 in. cylinder.

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

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

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: 12 - 30 - 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.
**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:** Tot Robertson

**Address:** Jordan, Mont.

**Date well started:** 11-28-71

**Date well completed:** 11-30-71

**Type of well:** Drilled

**Equipment used:** Notary

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

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

---

**Top of Ground**

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<th>To (Ft)</th>
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<td>sand</td>
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---

**ESTIMATED ANNUAL WITHDRAWAL**

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<tr>
<th>Size of Bore Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>Kind of Casing</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
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</thead>
<tbody>
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<td>4.0</td>
<td>1</td>
<td>166</td>
<td>86</td>
<td>1</td>
<td>166</td>
</tr>
</tbody>
</table>

---

**Static water level:** 10.5 ft.

**Pumping water level:** 13.5 ft.

**gallons per minute:** measured 60 minutes after pumping began.

*Measured from ground level.

**Well developed by:** Pump for 3 hours.

**Power:** Pump.

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

---

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

**Driller's Signature:**

**Driller's Address:** Jordan, Mont.

---

**LICENSE NO. 29**

---

**Show exact depth of bottom 45981**
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1913.

Owner: Northern Pacific Railway Company
Address: St. Paul, Minn.
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. Spring, used since 1913.

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. Spring flows 1 gallon per minute.

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

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate to the Montanta Board of Water Resources for the Appropriator.
## GROUNDWATER INDEX

### County: Harford

<table>
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<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
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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)

1. (Name of Appropriator) 
2. The beneficial use on which the claim is based. 
   Stale water

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

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 
   1920

8. The depth of water table. 
   40 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 
   12-in. screen, 14-ft. depth, 80 ft. deep

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

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

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

Signature of Owner: 
Date: 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
County of Garfield

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this the 27th day of November, 1915.

R. D. V. A. T. W. T. W.
Charles L. Douglass
County Clerk and Recorder

Filed $2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. G. A. Robertson
   (Name of Appropriator)

   of Box 728 Jordan
   (Address) (Town)

   County of Garfield
   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:

      1947

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

      6 gals. per min.

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

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

      Pump

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

      Day unavailable, 1947

   8. The depth of water table:

      Not known

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

      Depth 85 ft. 4 in. casing 14 x 12 % in. cylinder

   10. The estimated amount of groundwater withdrawn each year:

       1,500 cu. ft.

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

       Unavailable

   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: G. A. Robertson
   Date: 12-30-63

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
County of Garfield

Filed in the office of the County Clerk and Recorder of Garfield County, Second Monday, this 9th day of October, 1874.

A. D. 1874

[Signature]

[Signature]

By: [Signature]

[Signature]

For: Paul B. [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. Carl Matheus of Jordan, 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: 1960

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1960

8. The depth of well: 50 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: 4½ inch diameter, 228 days

10. The estimated amount of groundwater withdrawn each year: 100,000 gal

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: Carl Matheus
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 Appropriorator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Carl Mitham
   
   (Name of Appropiator)
   
   of
   
   (Address)

   (Town)

   County of Garfield

   State of Montana

   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, 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. 1958

   4. The amount of groundwater claimed (in minor's inches or gallons per minute). 50 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.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1958

   8. The depth of water table. 75 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. 80,000 gal

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

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

   Signature of Owner

   Date

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

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

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

Filed in the Office of the County Clerk and
Recorder of Garfield County, State of Montana,
This ___ day of __________, A.D., 18__

Charles E. Durgan
County Clerk

Deputy

$2.00
# WATER WELL LOG

**Owner:** Chris Ulhaug  
**Address:** Jordan, Montana  

**Driller:** W. Shows  
**Address:** Texas  

**Date Started:** 3/21/58  
**Date Completed:** 3/21/58  

**Location:** Sec. 12  
**T.** 16N  
**R.** 39E  
**sec.** 1/4 NE4  

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

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

**Casing:**  
- 0 ft. to 250 ft.  
- Type: Iron  
- Size: 1/4 inch  
- 250 ft. to ft.  
- Type:  
- Size:  
- ft. to ft.  
- Type:  
- Size:  

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

Type of screen or perforations: [ ]  
[ ] 1/2 inch perforation  

**Static Water level, for non-flowing well:** 72 ft.  
**feet.**  

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

**Pumping water level:** 80 feet at 63 gal. per min.  

**How tested:** pump  

**Length of test:** 2 days  

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

(over)
<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Description of Material Below</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>23</td>
<td>Brown Sandy Clay</td>
</tr>
<tr>
<td>23</td>
<td>31</td>
<td>Coal lignite</td>
</tr>
<tr>
<td>31</td>
<td>68</td>
<td>Blue shale</td>
</tr>
<tr>
<td>68</td>
<td>74</td>
<td>Coal lignite</td>
</tr>
<tr>
<td>74</td>
<td>111</td>
<td>Blue shale</td>
</tr>
<tr>
<td>111</td>
<td>116</td>
<td>Sandy shale</td>
</tr>
<tr>
<td>116</td>
<td>121</td>
<td>Hard rock</td>
</tr>
<tr>
<td>121</td>
<td>190</td>
<td>Blue shale</td>
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<tr>
<td>190</td>
<td>235</td>
<td>Water sand</td>
</tr>
<tr>
<td>235</td>
<td>255</td>
<td>Blue shale</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

State of Montana
Administrator of Groundwater Code
Office of State Engineer

Declaration of Vested Groundwater

(Name of Appropriator) of (Town)
County of (County) State 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.

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.
STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorded at Garfield County, State of Montana,
this___ day of___
A.D. ___

Charles T. Thompson
County Clerk and Recorder

Prayer A. Jackson
Deputy

For filed 6-20-74
**DRILLER'S LOG**

*Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.*

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>Other above level</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.11 Sand Clay</td>
<td>11.31 Gravel</td>
</tr>
<tr>
<td>21.45 Sand Shale</td>
<td>45.62 Shale</td>
</tr>
</tbody>
</table>

---

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**MONTANA WATER RESOURCES BOARD**

**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL**

Developed after January 1, 1962

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

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

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

**Owner**

<table>
<thead>
<tr>
<th>Jordan Robertson</th>
</tr>
</thead>
</table>

**Address**

<table>
<thead>
<tr>
<th>Jordan, Mont</th>
</tr>
</thead>
</table>

**Date well started**

<table>
<thead>
<tr>
<th>11-21-71</th>
</tr>
</thead>
</table>

**Date well completed**

<table>
<thead>
<tr>
<th>11-23-71</th>
</tr>
</thead>
</table>

**Type of well**

<table>
<thead>
<tr>
<th>Drilled</th>
</tr>
</thead>
</table>

**Equipment used**

<table>
<thead>
<tr>
<th>Rotary</th>
</tr>
</thead>
</table>

**Water Use**

<table>
<thead>
<tr>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
</table>

**Industrial | Drainage | Other | Garden/Lawn |

*Describe

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

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Size of Pipe</th>
<th>Size of Casing</th>
<th>From</th>
<th>To</th>
<th>Size</th>
<th>Depth</th>
<th>From</th>
<th>To</th>
<th>Size</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>6/4-4&quot; plastic</td>
<td>1</td>
<td>62</td>
<td>holes</td>
<td>17</td>
<td>62</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**PERFORATIONS**

<table>
<thead>
<tr>
<th>Kind</th>
<th>Size</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
</table>

Static water level: 30 ft.

Pumping water level: 42 ft.

at 64 gallons per minute, measured 60 minutes after pumping began.

*Measured from ground level. Well developed by pump for 2 hours.

Power: 4 HP

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

---

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

**Driller's Signature**

| Jordan Mont |

**Driller's Address**

| 44579 |
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Smell's Sons, Inc., of Jordan, Montana
   County of Garfield, 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. Water for drilling operations—Stock water

3. Date or approximate date of earliest beneficial use, and how continuous the use has been. Aug 30, 1958. For well drilling

4. The amount of groundwater furnished (in million's inches or gallons per minute). 7 gallons per minute

5. If used for irrigation, give the average 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. Water is withdrawn by drop pipe—Submersible pump with electric motor—NW 1/4 SE 24—T16N R36E

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. Water raises to approximately 30' of 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. Tubular well, cased with 6'6" casing. Drilled to 182'. Plugged back at 880'—General 980—982'. Cement 978—982'. Well pumped at rate of 850 gph

10. The estimated amount of groundwater withdrawn each year 981,000 gallons

11. The log of formations encountered in the drilling of each well if available. Possible water sands—65 to 80', 88 to 700', 485 to 700', 620 to 700', 825 to 750', 750 to 700', 185 to 750', 750 to 750', 920 to 790', 870 to 830', 610 to 680', 610 to 700', 920 to 790', 870 to 830', 610 to 680', 610 to 700', 920 to 790'

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 record

Signature of Owner. Smell & Sons
By W. Carter Shell (Pres.)
Date: Dec 26, 1962

Three copies to be given to 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

DATE OF APPLICATION FOR VESTED GROUNDWATER RIGHTS

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator: 
   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 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.
STATE OF MONTANA
County of Carbon

Filed in the office of the County Clerk and Recorder of Carbon County, State of Montana, this
A.D. 19__

\[
\text{Plaintiff's Name} \hspace{1em} \text{Defendant's Name}
\]

By: ____________________________
Deputy

Fee Paid $____

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

Date of Appropriation of Groundwater: 1915
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. 2 springs, used since 1915...

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. Each spring runs 1 gallon per minute.

Northern Pacific Railway Company
Signature of Owner: ........................................
By Dist. Supvr, Graz. & Cult. ................................
Date: .........................................................

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropiater.
Notice of Completion of Groundwater Appropriation by Means of BORE
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Carl W. Haag
Address: Jordan, Mont.

Date of Notice of appropriation of groundwater:

Date well started: October 14, 1962
Date completed: November 4, 1962

Type of well: Deep Bore
(Dug, Driven, or bored or drilled) (Churn drill, rotary or other)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>345</td>
<td>345</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
250 feet.

Shut-in Pressure for Flowing Well
450 feet.

Pumping Water Level 315 feet at
1/4 gal per minute.

Discharge in gal per min. of flowing well

How Tested: Constant Head

Length of Test

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

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

SHOW EXACT DEPTH OF BOTTOM.

This form to be prepared by driller, and three copies to be 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

29287
<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>3</td>
<td>Nelson M C</td>
<td>E34</td>
<td>124983</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Kirby Bros.</td>
<td>E24</td>
<td>124961</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Null</td>
<td>F53</td>
<td>124743</td>
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</tr>
<tr>
<td>16</td>
<td>W. D. Oil &amp; Gas Co.</td>
<td>E97</td>
<td>124038</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Northern Pacific Pipeline Co</td>
<td>E97</td>
<td>124038</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>J. H. Nelson Co.</td>
<td>E97</td>
<td>124983</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>M. B. Nelson &amp; Co.</td>
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<td>125043</td>
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<tr>
<td>19</td>
<td>S. W. &amp; Son, Inc.</td>
<td>E97</td>
<td>125149</td>
<td></td>
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<tr>
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<td>S. W. &amp; Son, Inc.</td>
<td>E97</td>
<td>125149</td>
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</tr>
<tr>
<td>24</td>
<td>J. H. Nelson &amp; Co.</td>
<td>E97</td>
<td>125062</td>
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<tr>
<td>29</td>
<td>S. W. &amp; Son, Inc.</td>
<td>E97</td>
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</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

M. E. Nelson
of
Jordon

County of Garfield
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 watering, home use, and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been, 1904-1962.

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, pumps.

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.

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. 3,110,400.

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, done.

Signature of Owner: M. E. Nelson
Date: 12-26-63

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

1. (Name of Appropnator) 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 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 Appropnator.
STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Register of Garfield County, State of Montana,
this day.

A. D. 19__

[Signatures]

County Clerk and Register

[Signature]

[Signature]
DECLARATION OF VESTED GROUNDWATER RIGHTS
(under chapter 237, montana session laws, 1961)

1. Carl H. Hovang, of Jordan
   (Name of Appropriator) (Address) (Town)

   County of Corfield
   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. 1960

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1960

8. The depth of water table. 35 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. Pumping, 100 ft deep

10. The estimated amount of groundwater withdrawn each year. 2,000 gal

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 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.

w. e. 4-w8 sec. 6, t. 16 n. 39

indicate point of appropriation and place of use, if possible. each small square represents 10 acres.
STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and
Recorder of Deeds County, State of Montana
This 1st day of December
A.D. 1963

Charles E. Sargisson
County Clerk and Recorder

Deputy

Exe Fld 1360
## WATER WELL LOG

**Owner:** 
Milton Utberg Livestock Co.  
Address: Jordan, Montana

**Driller:**  
Marla Drane  
Address: Jordan, Montana

**Date Started:**  9/10/61  
**Date Completed:**  8/11/61

**Location:**  
Sec. 6  
T. 16N  
R 39E  
W 1/2

### Type of well
- **Drilled**
- **Rotary**

### Equipment used
- **Churn drill, rotary, other**

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

### Casing
- 0 ft. to 19 ft. Type: Iron  
  Size: 1 inch

### Perforated or Screened
- 165 ft. to 19 ft. Type:  
  Size:

### Type of screen or perforations
- [ ]

### Static Water level, for non-flowing well
- To feet from top: 70 feet

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

### Pumping water level
- feet at:  
  gal. per min.:

### How tested
- [ ]

### Length of test
- 8 days

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

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(over)
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DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Northern Pacific Railway Company, of N.P. Office Bldg., St. Paul, Minn.

County of Ramsey State of Minnesota
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1961, as follows:

2. The beneficial use on which the claim is based: Furnishing water for livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Continuous since 1900.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Drilled in 1900.

8. The depth of water table: 40 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: 260 feet deep.

10. The estimated amount of groundwater withdrawn each year:

11. The log of formations encountered in the drilling of each well if available: No log 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.

Northern Pacific Railway Company
Signature of Owner: By
Dist. Supervisor, Gras. & Cult.
Date: Dec 10, 1933

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)

FILE NO. ________

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

 Declaration of Vested Groundwater Rights

(Name of Appropriator)

County of ________

State of ________

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

1. [Form for details of appropriation]

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 average 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 water sand at 180° and 225°

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner: 

Date: 

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

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

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

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

1. Name of Appropriator: Smith & Sons, Inc.
   Address: Jordan
   Town: Montana
   County: Garfield
   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: March 1, 1957; used intermittently through Oct. 1, 1962.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Data not shown; well not used until 1962

8. The depth of water table: Water sand from 95' to 105'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Well completed with six-inch black casing to a depth of 105'

10. The estimated amount of groundwater withdrawn each year: 450,000 gallons

11. The log of formations encountered in the drilling of each well if available: 1' to 10' Clay
   10' to 85' Sand - 85' to 95' Coal - 95' to 105' Sand

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

Signature of Owner: Smith & Sons Inc.
Date: Jan 26, 1964

Three copies to be filed by the county clerk and recorder of the county in which the well is located.

Please answer all questions. If not applicable, a space, otherwise the form will be returned.

Original to the county clerk and recorder; duplicate to the state engineer; triplicate to the commissioner of mines and geology for the approprator.
STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk
Recorder of Garfield County, State of Montana
This 20th day of March, 1949
A. D. 1949

County Clerk and Recorder

Fees Paid $2.00

[Signature]

[Signature]
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **M. E. Nelson**, of **Jordan**, 
   County of **Garfield**, 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 continuously the use continued from 1904: **continuous**

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

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 for irrigation**

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

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

8. The depth of water table: **5 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: 
   - **well** 
   - **across 15'**

10. The estimated amount of groundwater withdrawn each year: **1555.200**

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: **M. E. Nelson**

Date: **12-26-63**

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 Quaduplicate for the Appropriator.