<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>GW-4</td>
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<td>10790</td>
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<td>GW-4</td>
<td>10799</td>
<td>SAME AS SEC. #28</td>
</tr>
<tr>
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<td>10799</td>
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<td>MATHERS BROTHERS</td>
<td>GW-4</td>
<td>10799</td>
<td>SAME AS SEC. #28</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 277, Montana Session Laws, 1961)

Section

1. Name of Appropriator
   (Name of Appropriator)
   (Address)
   County of
   State of
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962.

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
   1. 1915
   2. 1925
   3. 1935
   4. 1945

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1. 5 gals.
   2. 4 gals.
   3. 6 gals.
   4. 8 gals.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   All wells pumped by viniadus.

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: 1. 100 ft.
   2. 15 ft.
   3. 10 ft.
   4. 90 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:
   "elle 15 ft. size 4 have 10 ft. pump pipe with 2-inch cylinder. No. 4 has 2-inch pump pipe with 1 1/2 cylinder"

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 The estimated amount of groundwater withdrawn each year.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 CODES
OFFICE OF STATE ENGINEER

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

1. Hathorn Bros., of Box 367, Miles City, Montana
   (Name of Appropriator) (Address) (Town)
   County of Custer, State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   The beneficial use on which the claim is based: Steam water

   Date or approximate date of earliest beneficial use; and how continuous the use has been:
   1. 1956
   2. 1953
   3. 1954
   4. 1953
   5. 10 gals., 6. 10 gals., 7. 6 gals.
   8. 10 gals.
   9. 2.5 gals. per minute
   10. 3.0 gals., 11. 6.0 gals.

   The means of withdrawing such water from the ground:
   Drilled and equipped with a 6-inch pump.

   The estimated amount of groundwater withdrawn each year: Not known

   The log of formations encountered in the drilling of each well:
   Wall no. 5 is very strong, 40 feet
   Driller felt that water was found in Artisan sand 18 feet
   Rises 40 feet in the casing.

   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.

134-42
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Nathene Brown
   (Name of Appropriator)
   of Sec. 267
   Miles City
   (Address) (Town)
   County of Cascade
   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 land to which water has been applied and name of the owner thereof:

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

   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.
<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>13544</td>
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<td>31</td>
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<td>Spears, Gordon</td>
<td>GW-4</td>
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<td>Spears, Gordon</td>
<td>GW-2</td>
<td>3281</td>
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</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: N. N. Ranch  Address: Crow Rock

Driller: Lloyd Higginson  Address: Miles City

Date of Notice of Appropriation of Groundwater... 6-3-61

Date well started 6-10-61 Date Completed 6-23-61

Type of well: Drilled  Equipment Used: Rotary

(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic  Municipal  Other  Irrigation

Industrial  Drainage  Stock

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc.

Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises, in the well.

<table>
<thead>
<tr>
<th>Depth (Feet)</th>
<th>Strata Met With</th>
<th>Equipment Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Clay</td>
<td>Drilled</td>
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<tr>
<td>10</td>
<td>Sand</td>
<td>Rotary</td>
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</tbody>
</table>

Static Water Level for non-flowing Well 10 feet.

Shut-in Pressure for Flowing Well... 10 feet at 100 gal per minute.

Pumping Water Level 100 feet at 100 gal per minute.

Discharge in gal, per min. of flowing well...

How Tested: Discharge Length of Test...

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

Driller’s License Number

Driller’s Signature

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

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

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

38324
<p>| | | |</p>
<table>
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<td>D</td>
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<tr>
<td>W</td>
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<td>F</td>
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</table>

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

**Name of Appropriator:** N. N. Lane of Livestock Co., 910 Pleasant St., Livingstone

**Address:** P.O. Box 100, Livingstone

**County of:** Eureka

**State of:** Montana

I, N. N. Lane of Livestock Co., 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 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 Appropriorator:**

**Date:** Jan 6, 1964

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriorator.
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: N-N Land of Livestock 60
   Address: 910 Pleasant St. Butte
   Town: Butte
   County of: Silver Bow
   State of: Montana
   County of: Silver Bow
   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: 1940

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: Natural Flow

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

8. The depth of water table: Ground Level

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

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

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

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:

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 App 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) (Address) Town
   County of State of Mont.

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

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

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


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

S.E. 1/4 Sec. 11 T. 11 R. 46

Three copies to be filled 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)

(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:

1. Description of the lands to which water has been applied and name of the owner thereof.

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.
**Declaration of Vested Groundwater Rights**

*Under Chapter 237, Montana Session Laws, 1961*

1. **County of:** [Name of Appropriate]  
   **State of:** [Address]  
   **Town:** [To be filled in]  
   I 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.

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:** [To be filled in]  
**Date:** [To be filled in]

Three copies to be filled 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
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner: Sandor Schrader
Address: Clare Rock Rd
Wilsall
Date well started: 9-19-70
completed: 9-18-70

Type of well: Drilled (Drill, driven, bored or drilled)

Equipment used: Rotary (Chim driller, rotary or other)

Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]
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>
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<tr>
<th>Size of Finished Hole</th>
<th>Elc. and Water</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>Variations</th>
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<tr>
<td>5 1/4&quot; Plastic</td>
<td>0 [ ]</td>
<td>325 [ ]</td>
<td>1/8 [ ]</td>
<td>165 [ ]</td>
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</tbody>
</table>

Static water level: 170 ft.
Pumping water level: 130 ft.
at: 10 gallons per minute measured 60 minutes after pumping began.

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

Power: Pump: 3 HP

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

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

Driller's Signature: Lloyd Wypijewski
Driller's Address: 738 N. Center

Driller's License No.: 12

COUNTY: 31251

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.

Top of Ground (Elev. above sea level)

From (Foot) To (Foot)
0.0 3.0 sand
26.187 10.10 sand
107.100 20.100 sand shale
126.330 sand shale
170.000 shale

225 Show exact depth of bottom
## Groundwater Index

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>WATER WELL LOG</td>
<td>189265</td>
<td></td>
</tr>
</tbody>
</table>

### Montana Bureau of Mines and Geology

**Butte, Montana**

**Water Well Log**

**Owner:** G. W. Patterson  
**Address:** Dillon City, Mont.

**Driller:** I. C. Bond  
**Address:** Butte, Montana

**Date Started:** July 20, 1957  
**Date Completed:** July 11, 1957

**Location:** Sec. 8 T. 11 R. 47 N sec. 3E, of NE1

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

**Water Use:** Stock

**Casing: 10 ft. above surface:** 112 ft.  
**Type:** Steel  
**Size:** 4 in.

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

**Perforated or Screened:** Ft. 80 to Ft. 102  
**Ft. to Ft.**

**Type of Screen or perforations:** 5/16 hole

**Static Water level, for non-flowing well:** 60 ft

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

**Pumping water level:** 90 feet at 10 gal. per min.

**How tested:** bailer

**Length of Test:** 4 hrs.

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

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(over)
<table>
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<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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<tr>
<td>8</td>
<td>PATTERSON, G.W.</td>
<td>WATER WELL</td>
<td>129305</td>
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### Log of Well

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<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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<td>From</td>
<td>To</td>
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<td>3</td>
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<tr>
<td>3</td>
<td>26</td>
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<td>Name of Appropriator</td>
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<td>MATHES, BROTHERS</td>
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<td>MATHES, BROTHERS</td>
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<tr>
<td>9</td>
<td>NORTHERN PACIFIC RAILWAY CO.</td>
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<td>VENN, MAX</td>
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<td>SPEARS, GORDON</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. Matthew Bros. (Name of Appropriator)
   
of Box 232 Miles City (Town)
   (Address)

County of Custer State of Mont. (Address)

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 15. 1940 – 14. 1960
   15. 1959 winter range annual use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 11, 6 gals. 14, 8 gals. 16, 6 gals.

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

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

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

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

Northern Pacific Railway Company
of 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:

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

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 since 1959.

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: Well drilled in 1969.

8. The depth of water table: 10 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 35 feet deep - 4-inch casing.

10. The estimated amount of groundwater withdrawn each year: 

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

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

Northern Pacific Railway Company
Signature of Owner
Dist. Supervisor, Graz. & Cult.
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 to the Appropriate.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Mark | Address Miles City
Driller Lloyd | Address Miles City

Date of Notice of Appropriation of Groundwater
Date well started 1-28-67 | Date Completed 7-9-67

Type of well | Drilled (dug, driven, bored or drilled)
Equipment Used | Rotary (Churn, drill, rotary or other)

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

Indicate 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 Bored Hole</th>
<th>Net and Weight of Boring</th>
<th>From (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.375&quot;</td>
<td>86.4&quot;</td>
<td>0</td>
<td>370</td>
</tr>
<tr>
<td>86&quot;</td>
<td>86.3&quot;</td>
<td>370</td>
<td>645</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 160 feet.
Shut-in Pressure for Flowing Well
Pumping Water Level: 175 feet at 15 gal. per minute.
Discharge in gal. per min. of flowing well
How Tested: Bailer Length of Test: 3.5 ft.
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

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

Show exact depth of bottom.

Driller's License Number
Driller's Signature

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

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

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

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: ____________________________
Owner: ________________________________________________________
Address: _______________________________________________________
Contractor (if any): ______________________________________________
Address of Contractor: __________________________________________
Date Started: ___________________________ Date Completed: _____________

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

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

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

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

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

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

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

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

Date of Appropriation of Groundwater: 1938
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. 

Surface of ground and shallower drawn here

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

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

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 Appropria
tor.

Date: Dec 28, 1963
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>MILLER, GORDON</td>
<td>038-9</td>
<td>10547</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

[Signature]

(Name of Appropriator)

[Address]

(State of)

[County of]

[City of]

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

2. The beneficial use to which the claim is made:
   [Insert beneficial use]

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

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

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

6. The point of appropriation: [Insert point]

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

8. The depth of water table: [Insert depth]

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

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

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

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

Signature of Owner: [Signature]

Date: [Insert 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.
<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>25</td>
<td>HILLIER, EARL S., JR.</td>
<td>CW-4</td>
<td>1141</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>HAUGHTON LIVESTOCK CO.</td>
<td>GW-4</td>
<td>1106</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>WARREN, HAROLD</td>
<td>GW-4</td>
<td>1948</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>WATTS, HENRY JR. &amp; WALKER, ED.</td>
<td>GW-4</td>
<td>1676</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>HAUGHTON LIVESTOCK CO.</td>
<td>GW-4</td>
<td>1187</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>BENGE, DAEK</td>
<td>GW-4</td>
<td>1665</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>ORTHOW, JOHNNY</td>
<td>GW-3</td>
<td>1633</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>MEIDINGER, EDWIN</td>
<td>GW-4</td>
<td>1639</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>SCHLECKER, ELIZABETH</td>
<td>GW-4</td>
<td>1639</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Earl S. Hillier Jr. of Box 362, Kinsey
County of Custer, State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: Q LIVESTOCK
3. Date or approximate date of earliest beneficial use: BEFORE 1935
4. The amount of groundwater claimed (in inches or gallons per minute): 10 gal per minute
5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof: NOT USED FOR IRRIGATION
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Pressure pump 40 ft from dwelling house
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: BEFORE 1965
8. The depth of water table: ABOUT 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: 1 well 350 ft
10. The estimated amount of groundwater withdrawn each year: 356,000 gal
11. The log of formations encountered in the drilling of each well if available: NOT AVAILABLE
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: NOT AVAILABLE

Signature of Owner: Earl S. Hillier Jr.
Date: 3/30/43

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. Haughian Livestock Co. of Miles City, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>N</th>
<th></th>
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<th></th>
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<th>W</th>
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<th></th>
<th></th>
<th>E</th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>SE 1/4 Sec. 38 T10 R 46 E.</td>
<td></td>
<td></td>
<td></td>
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<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: 

- **Stock Water**

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

- **1943-Continual**

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

- **10 gal.**

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

- **not applicable**

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

- **Wind Mill**

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

- **1943-1943**

8. The depth of water table:

- **260 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:

- **260 Ft.**

10. The estimated amount of groundwater withdrawn each year:

- **varying amounts**

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: 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)

HAROLD WATTS

of

Little Shell Mts. City

County of CUSTER

State of MONTANA

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

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
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<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1929

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 17 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: FLOWING WELL WITH PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1939

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: 17 gal per minute

10. The estimated amount of groundwater withdrawn each year: 17 gal per minute

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

Signature of Owner: HAROLD WATTS

Date: 13/13/27

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, 1951

<table>
<thead>
<tr>
<th>(Name of Appropriator)</th>
<th>(Address)</th>
<th>(Town)</th>
</tr>
</thead>
</table>

Declaration: I, Henry Watts Jr. of Kinsey Route, Missoula, 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: Household - Livestock

2. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1940 - Continuous

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

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 applicable

5. The means of withdrawing such water from the ground: Flowing well with screen above water table

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

7. The depth of water table: Surface

8. The type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Artesian, 8" CIAD, 350' FD

9. The estimated amount of groundwater withdrawn each year: 400,000 gal

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

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

Signature of Owner: Henry Watts Jr.

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.
### Declaration of Vested Groundwater Rights

(Under Chapter 217, Montana Session Laws, 1961)

1. **Haughian Livstok Co.**
   - Name of Appropriorate: Haughian Livstok Co.
   - Address: Miles City
   - County of: Custer
   - State of: Montana

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

<table>
<thead>
<tr>
<th>Stock Water</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date or approximate date of earliest beneficial use and how continuous the use has been: 1945-1945</td>
</tr>
<tr>
<td>The amount of groundwater claimed (in inches or gallons per minute): 10 gal.</td>
</tr>
<tr>
<td>If used for irrigation, give the acreage and description of the lands to which water has been applied and the name of the owner thereof: not-applicable</td>
</tr>
</tbody>
</table>

   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: 1945-1945

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1945-1945

   8. The depth of water table: 800 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: 800 Ft.

   10. The estimated amount of groundwater withdrawn each year: varying amounts

   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**: 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 2-33, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Finney</th>
</tr>
</thead>
<tbody>
<tr>
<td>Location of Well</td>
<td>Custer</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>1.</th>
<th>The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.</th>
<th>March, 1940 completed June, 1940.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.</td>
<td>The beneficial use on which the claim is based.</td>
<td>Household and stock.</td>
</tr>
<tr>
<td>3.</td>
<td>Date of approximate date of earliest beneficial use and how continuous the use has been.</td>
<td>1940 continuous.</td>
</tr>
<tr>
<td>4.</td>
<td>The amount of groundwater claimed (in million’s inches or gallons per minute).</td>
<td>300 gallons per minute.</td>
</tr>
<tr>
<td>5.</td>
<td>If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.</td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td>The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.</td>
<td>Flowing well-out-of-a-casing.</td>
</tr>
<tr>
<td>7.</td>
<td>The depth of water table above ground.</td>
<td></td>
</tr>
<tr>
<td>8.</td>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>9.</td>
<td>The estimated amount of groundwater withdrawn each year.</td>
<td>72,000 gallons per year.</td>
</tr>
<tr>
<td>10.</td>
<td>The log of formations encountered in the drilling of each well if available.</td>
<td></td>
</tr>
<tr>
<td>11.</td>
<td>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.</td>
<td></td>
</tr>
</tbody>
</table>

**Signature of Owner**

Date: 1/8/50

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1962)

1. Orthman and Johnson
   (Name of Appropriator)
   of Kinsey
   (Address)
   (Town)

   County of Custer
   State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 6-1-39 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 5 gallons per minute with 3/4 in. pipe

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: only on lawns 1 acre, around house and garden

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 6-1-39

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: 4 inch steel casing, Depth 350 feet

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

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: I. D. Orthman
   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; 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. Edwin Meadinger of Kincaid (Address)

County of Custer State of Montana

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

2. The beneficial use on which the claim is based
   Domestic, Irrigation

3. Date or approximate date of earliest beneficial use, and how continuous the use has been
   Daily use since July 1, 1959

4. The amount of groundwater claimed (in miner’s inches or gallons per minute)
   1,000 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
   Flowing

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   About 1939

8. The depth of water table
   Approx. 375 feet - depth at well

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 1 - Located on 40 acres, Drilled 1939 and 750 feet deep. Well 2 - Located.

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

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

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

   Signature of Owner: Edwin Meadinger
   Date: 12-19-1963

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

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

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

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

1. Elizabeth Schleifer, of 16 N. Montana Miles City, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use: 1940

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 15 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: 10 acres, NW 1/4 Sec. 36, T10N R14E

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

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: Flowing

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

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

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: This well is shared by neighbors. Right to use water shares equally

Signature of Owner: ____________________________
Date: 1-12-63

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.
<table>
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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)

Virginia B. Jenny and Walter E. Jenny, of P. O. Box 301, Miles City, Montana.

County of... 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...

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

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

4. If used for irrigation, give the acreage and description of the lands to which water has been applied...

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

6. The estimated amount of groundwater withdrawn each year...

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

8. 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: Virginia B. Jenny
Date: December 29, 1961

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

Please answer all questions. If not applicable, state so. 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.
# Buell-Edlund Drilling Company
**Miles City, Montana**

**Client**: John Cosgrove

**Address**: Zero, Mont.  

<table>
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<tr>
<th>Log</th>
<th>Description</th>
<th>Date of Completion</th>
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<tr>
<td>0 ft. to 47 ft.</td>
<td>Sand &amp; Gravel</td>
<td>6-1-48</td>
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<tr>
<td>47 ft. to 96 ft.</td>
<td>Blue Gray Shale</td>
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<td>96 ft. to 98 ft.</td>
<td>Limestone</td>
<td>Sec.</td>
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<td>98 ft. to 117 ft.</td>
<td>Sandy Shale</td>
<td>Township</td>
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<td>117 ft. to 118 ft.</td>
<td>Coal</td>
<td>Range</td>
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<td>118 ft. to 152 ft.</td>
<td>Sandy Shale</td>
<td>Casing</td>
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<td>152 ft. to 157 ft.</td>
<td>Hard Sandrock</td>
<td>Size 6&quot;</td>
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<td>157 ft. to 159 ft.</td>
<td>Limestone</td>
<td>Size 5&quot;</td>
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<td>159 ft. to 167 ft.</td>
<td>Sandy Shale</td>
<td>Amt. 61'</td>
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<td>167 ft. to 190 ft.</td>
<td>Gray Shale</td>
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<td>190 ft. to 208 ft.</td>
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<td>Amt. 887'</td>
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<td>208 ft. to 254 ft.</td>
<td>Blue Shale</td>
<td>Pump Pipe</td>
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<td>254 ft. to 257 ft.</td>
<td>Limestone</td>
<td>Size</td>
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<td>256 ft. to 293 ft.</td>
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<td>Amt.</td>
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<td>293 ft. to 323 ft.</td>
<td>Coal</td>
<td>Pump Rod</td>
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<td>323 ft. to 326 ft.</td>
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<td>Cylinder</td>
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<td>357 ft. to 361 ft.</td>
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<td>Amt. Per Min.</td>
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<td>396 ft. to 397 ft.</td>
<td>Limestone</td>
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**Driller**: L. M. Edlund  
**Helper**: T. M. Buell - E. A. Hyde
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962

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

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

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

Owner... [Redacted] County. [Redacted]
Address... [Redacted]
Date well started 11/28/1962
completed 12/11/1962

Type of well Dug
Equipment used [Redacted]
Water Use: Domestic □ Municipal □ Stock □ Irrigation □
Industrial □ Drainage □ Other □ Garden/Lawn □

Describe... [Redacted]
USE: If used for irrigation, industrial, drainage or other. Explain,
state number of acres and location or other data (5.0), @ (J, Block
and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Top of Ground

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Estimated Annual Withdrawal

Static water level...
Pumping water level...
Pumping water... [Redacted]

All cemented at 150' with 21 bags of cement.

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

Driller's Signature...
Driller's Address...

LICENSE NO.

SHOW EXACT DPTH OF BOTTOM