Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1969

Owner: Northern Pacific Railway Co., 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 1969.

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 4 gallon per minute, measured over a period of time. Excavated and piped to tank.

Northern Pacific Railway Company

Signature of Owner

Date

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

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Claimant</th>
<th>(Name of Appropriator)</th>
<th>(Address)</th>
<th>(Town)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Terry</td>
<td></td>
<td>Prairie</td>
</tr>
<tr>
<td>County</td>
<td>Prairie</td>
<td>State of</td>
<td>Montana</td>
</tr>
</tbody>
</table>

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

1. Name of Appropriator: Terry
2. Address:  
3. Town: Prairie
4. County: Prairie
5. State: Montana

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

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

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Open Water (Spring)

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

8. The depth of water table: Surface (Spring)

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: 1,051,200

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 Appropriator.
**MONTANA BUREAU OF MINES AND GEOLOGY**

**WATER WELL LOG**

**STATE ENGINEER**

<table>
<thead>
<tr>
<th>Owner</th>
<th>Lester Jane</th>
<th>Address</th>
<th>Terry, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Johnson Water Well Service</td>
<td>Address</td>
<td>Terry, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>Oct 25, 1961</td>
<td>Date Completed</td>
<td>Oct 31, 1961</td>
</tr>
<tr>
<td>Location</td>
<td>Sec 12 T 11 R 50 3/4 sec NW</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Rotary</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(Bore, driven, bored, or drilled)</td>
<td>(Chimney, drill, rotary, other)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 134 ft.</th>
<th>Type:</th>
<th>Size:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td>134 ft. to 720 ft.</td>
<td>Type:</td>
<td>Size:</td>
</tr>
<tr>
<td>Casing:</td>
<td>720 ft. to 730 ft.</td>
<td>Type:</td>
<td>Size:</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Ft. 650 to Ft. 720 to Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of screen or perforations</td>
<td>Remarks</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>0 feet.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>0 lb./sq. In. on:</td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>--------</td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>0 feet at 16 gal. per min.</td>
</tr>
<tr>
<td>How tested:</td>
<td>Flow</td>
</tr>
<tr>
<td>Length of test:</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Remarks:</th>
<th>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Depth, feet</td>
<td>Description of Material Drilled</td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------</td>
</tr>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>20</td>
</tr>
<tr>
<td>20</td>
<td>30</td>
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<td>650</td>
</tr>
<tr>
<td>650</td>
<td>710</td>
</tr>
<tr>
<td>710</td>
<td>720</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)

Nester Jens
(Name of Appropriator)
County of Prairie, State of Montana
(Address)
(Town)

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, continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 20 gals per hour

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: Cumbered and piped to Tent

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

8. The depth of water table: Surface (Spring)

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: 195,200

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: Nester Jens
Date: Sept 17, 1962

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

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

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

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

Lester Jones

of

County of Prairie State of Montana

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

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

2. Date or approximate date of earliest beneficial use: 1950

3. How continuous the use has been: Continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1

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: Surface (Spring)

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: 2,012,400.90

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

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

Signature of Owner: Lester Jones

Date: Sept. 17, 1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Approprietor.
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)  

<table>
<thead>
<tr>
<th>Date of Appropriation of Groundwater:</th>
<th>1900s</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner:</td>
<td>St. Pauls Farm</td>
</tr>
<tr>
<td>Contractor (if any):</td>
<td></td>
</tr>
<tr>
<td>Date Started:</td>
<td></td>
</tr>
<tr>
<td>Date Completed:</td>
<td></td>
</tr>
</tbody>
</table>

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 1900s.  

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate length of periods of use. Spring flow.  

20 gallons per hour, measured over a period of time. Curbed and piped into tank.  

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.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.

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 1909.

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.

Northern Pacific Railway Company
Signature of Owner:
Dist. Supv., 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 Appropriator.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Albert Jette  Address: Terry, Montana
Driller: Ira C. Bond  Address: Terry, Montana
Date Started: April 27  Date Completed: April 30
Location: Sec. 17T. 11R. 504/4, sec. NE4 of the N4

Type of well: Drilled  Equipment used: Rotary
(Dig, driven, bored, or drilled)

Water use: Domestic  Municipal  Stock  Irrigation
Industrial  Drainage  Other

Casing: 0 ft. to 112 ft. Type: Steel  Size: 2 in
Casing: 112 ft. to  66 ft. Type:  Size:
Casing: 66 ft. to ft. Type:  Size:
Perforated or Screened: Ft. 86 to 112 Ft.  to ft.
Type of screen or perforations: 1/2 in. holes out 1/2 inches apart with cutting torch
Static Water level, for non-flowing well: feet.
Shut-in pressure, for flowing well: Lb./sq. in. on: (date)
Pumping water level: feet at gal. per min.
How tested: five gallon bucket and watch
Length of test: one minute

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

Casing: ft. to ft. Type: Size:
Casing: ft. to ft. Type: Size:
Perforated or Screened: Ft. to ft. Type: Size:
Type of screen or perforations:
Static Water level, for non-flowing well: feet.
Shut-in pressure, for flowing well: Lb./sq. in. on: (date)
Pumping water level: feet at gal. per min.
How tested: five gallon bucket and watch
Length of test: one minute

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

Casing: ft. to ft. Type: Size:
Casing: ft. to ft. Type: Size:
Perforated or Screened: Ft. to ft. Type: Size:
Type of screen or perforations:
Static Water level, for non-flowing well: feet.
Shut-in pressure, for flowing well: Lb./sq. in. on: (date)
Pumping water level: feet at gal. per min.
How tested: five gallon bucket and watch
Length of test: one minute

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

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>3 Gumbo</td>
</tr>
<tr>
<td>1</td>
<td>10 Clay</td>
</tr>
<tr>
<td>10</td>
<td>20 River Sand</td>
</tr>
<tr>
<td>20</td>
<td>29 Gravel</td>
</tr>
<tr>
<td>29</td>
<td>45 Gumbo</td>
</tr>
<tr>
<td>45</td>
<td>46 Water sand</td>
</tr>
<tr>
<td>46</td>
<td>75 Gumbo</td>
</tr>
<tr>
<td>75</td>
<td>86 Sandy Clay</td>
</tr>
<tr>
<td>86</td>
<td>112 Water sand</td>
</tr>
<tr>
<td>112</td>
<td>Rock</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Northern Pacific Railway Co., of Blakesfort
   (Name of Appropriator) (Address) (Town)

   County of Prairie State of Montana

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

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      Dec. 16, 1947 to present

   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
      None

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      Started Dec. 16, 1947, completed Dec. 16, 1947

   8. The depth of water table
      Flowing 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
      6 inch drilled well, 180 feet deep

   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
      See attached log 61

   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

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.
MONT. 6
8/25-53
YELLOWSTONE DIV.

BLATCHEFORD, MONT. SECTION HOUSE WELL, AFE 431-45

Flowing well, 4 G.P.M., 12/3-47

6' Well, 149' deep,
Drilled by E.A. Bodin, N.P.Ry.
Work begun Dec. 1-47, completed Dec. 16, 47,

Water Analysis, Sept. 1-53

Calcium bicarbonate 0.5 G.P.G. Expressed as Ca CO3
Sodium 20.5"
Carbonate 9.6"
Sulfate 4.2"
Chloride 2.4"
Silica 0.86"
Iron 0.0 P.P.M.
Fluoride 1.0"

Total dissolved solids 40.1 (actual)
Turbidity 5

Note: See file 1566 for drilling and test data,
Office of Engineer of Water Service.

SECTION HOUSE WELl, AFE 431-45

Location Plan
Scale 1/100
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  

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

1. F. C. Parker  
(Name of Appropriate)  
(Address)  
(Town)  

County of Prairie  
State of Montana  

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:  
   1953  
   Continuous use  

4. The amount of groundwater claimed (in miner's inches or gallons per minute):  
   25 gpm  
   1500 gallons/hr  

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:  
   1953  

8. The depth of water table:  
   30 ft.  

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

10. The estimated amount of groundwater withdrawn each year:  
    1,256,000 gallons  

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

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

Signature of Owner:  
F. C. Parker  
Date: Dec 20, 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 App appropriator.
# WATER WELL LOG

**Owner:** Francis Carl Parker & LeInsense Parker  
**Address:** Terry, Montana

**Driller:** Higgins & Heevey Drilling Co.  
**Address:** Miles City, Montana

---

**Date Started:**  
**Date Completed:** Dec. 22, 1952

**Location:** Sec. 10, T. 11 N., R. 50 E., N.W., 1/4 of SW 1/4, Lot 10

---

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

---

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

---

**Casing:**  
- 462 ft. to 466 ft.  
- Type: *  
- Size: *

---

**Casing:**  
- 466 ft. to 506 ft.  
- Type: *  
- Size: *

---

**Perforated or Screened:**  
- 5 ft. to 5 ft.  
- Type: *  
- Size: *

---

**Type of screen or perforations:**

---

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

---

**Shut-in pressure, for flowing well:**

---

**Pumping water level:**

---

**How tested:**

---

**Length of test:**

---

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

---

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

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

1. **Bernard Hanson**
   (Name of Appropriator) (Address), (Town)
   
   County of __________ State of Montana
   
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

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

   S.W. 1/4 NW 1/4 T11N R50E

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

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

3. **Well**
   Date or approximate date of earliest beneficial use, and how continuous the use has been.
   
   Off and on since 1950

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

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

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

8. The depth of water table.
   
   Indicate point of withdrawal

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.
   
   Indicate point of withdrawal

10. The estimated amount of groundwater withdrawn each year.
    
    1.576,800 gal. per yr.

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.
    
    Indicate point of withdrawal

   **Signature of Owner.**
   Bernard Hanson
   Date: Dec. 17, 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. Arnold Jake
   (Name of Appropriator)
   802
   (Address)
   Town

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.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 25 gallons/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: Commenced approximately 1940.

8. The depth of water table: 400 ft.

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

Drilled - 6 1/2 inch - 170 feet deep.

10. The estimated amount of groundwater withdrawn each year: 182,500 gallons.

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

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

Signature of Owner: Arnold Jake
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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner: 
Address: 

Date well started: 
Completed: 

Type of well: 

Equipment used: 

Water Use: 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 

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<th>Size of Hole</th>
<th>Size and Weight of Chuck</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Ried Size</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
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<td></td>
<td>0</td>
<td>610</td>
<td>all</td>
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Static water level: 

Pumping water level: 

at gallons per minute, measured minutes after pumping began.

*Measured from ground level.

Well developed by 

for hours.

Power: Pump: HP

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

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

Driller's Signature: 

Driller's Address: 

LICENSE NO: 

Show exact depth of bottom
<table>
<thead>
<tr>
<th>Name</th>
<th>Address 1</th>
<th>Address 2</th>
<th>City</th>
<th>State</th>
<th>Zip</th>
</tr>
</thead>
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<tr>
<td>Patric Hall</td>
<td>123 Main Street</td>
<td>Apt 4B</td>
<td>Chicago</td>
<td>IL</td>
<td>60601</td>
</tr>
</tbody>
</table>

**Filed**
2 p.m., 7th June 1972

[Signature]

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

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

COUNTY OF __________________________
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:
   [Handwritten: Livestock watering]

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   [Handwritten: Dec. 1952 - continuous use]

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   [Handwritten: 30 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:
   [Handwritten:]

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   [Handwritten: Self-fluming artesian]

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   [Handwritten: Commenced Dec. 1952 - Completed Dec. 1952]

8. The depth of water table:
   [Handwritten: 540 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:
   [Handwritten: Drilled - 9 in. casing - 540 feet deep]

10. The estimated amount of groundwater withdrawn each year:
    [Handwritten: 7,884,000 gallons]

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

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

Top of Ground

0 - 3 Topsoil
3 - 40 Sand & Gravel
40 - 80 Gray Shale
80 - 85 Sandy Shale
85 - 87 Gray Sand/Silt of Coal
87 - 100 Gray Sand/Silt of Coal
100 - 110 Sandy Shale
110 - 120 Kik Shale & Coal
120 - 125 Gra. Shale
125 - 135 Gray Sand
135 - 148 Gra. Shale
148 - 154 Rock
154 - 165 Gra. Shale
165 - 167 Rock
167 - 275 Gra. Shale
275 - 300 Sandy Shale
300 - 340 Gray Sand
340 - 350 Gray Sand
350 - 356 Rock
356 - 360 Rock
360 - 370 Gra. Shale
370 - 450 Sandy Shale
450 - 512 Sandy Shale
512 - 515 Rock
523 - 523 Gray Sand
523 - 526 Rock
526 - 605 Gra. Sand
605 - 615 Sandy Shale

<table>
<thead>
<tr>
<th>Size of Sand/Debit Date of Appr.</th>
<th>Size and Weight of Coal</th>
<th>Front</th>
<th>To</th>
<th>PERFORATIONS</th>
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<td>44</td>
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<td></td>
</tr>
<tr>
<td>2&quot; ID 3.7#/ft</td>
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<td>615</td>
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</table>

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

Cemented at 220 ft.

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

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

1. Albert or Lawrence Jacobs
   (Name of Appropriator)
   (Address)
   (Town)

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

2. The beneficial use on which the claim is based:
   Domestic - human consumption

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1958
   Daily

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

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: 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:
   Drilled - 3 in. casing, depth 51-3 ft.

10. The estimated amount of groundwater withdrawn each year: 6,250,000 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:
   No record

Signature of Owner

Date: Dec. 29, 1965

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

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

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

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

STATE ENGINEER

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
<th>County</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Naugli-Lindale Co.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 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; Duplilcate 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. **Bernard Hansen**, of **Terry**, 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.
   - **Well 1**: 1951
   - **Well 2**: 1961

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   - **Well 1**: 1951
   - **Well 2**: 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
   - **Well 1**: 30 gallons per minute
   - **Well 2**: 12 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.
   - **Well 1**: 1951
   - **Well 2**: 1961

8. The depth of water table.
   - **Well 1**: 25 feet
   - **Well 2**: 25 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.
   - **Well 1**: Depth 25 feet
   - **Well 2**: Depth 25 feet

10. The estimated amount of groundwater withdrawn each year.
    - **Well 1**: 182,000 gallons
    - **Well 2**: 153,000 gallons

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

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

Signature of Owner: **Bernard Hansen**
Date: **Dec 19, 1963**

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

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

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

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

County of: ____________________
State of: ____________________

I, ____________________, of the above described land in the State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1862, 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 mine's inches or gallons per minute), ____________________
4. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof, ____________________
5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal, ____________________
6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater, ____________________
7. The depth of water table, ____________________
8. The log of formations encountered in the drilling of each well if available, ____________________
9. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record, ____________________

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

JAMES L. PRIEMORE ZEPP TERRY

(Name of Appropriator) (Address) (Town)

County of PRAIRIE State of MONT.

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

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 the 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.
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<th>Field</th>
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<td>Owner</td>
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</tr>
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<td>Address</td>
<td>Terry, Montana</td>
</tr>
<tr>
<td>Driller</td>
<td>Johnson Water Well Service</td>
</tr>
<tr>
<td>Address</td>
<td>Terry, Montana</td>
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<tr>
<td>Date Started</td>
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<td>Date Completed</td>
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<tr>
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<td>Type of well</td>
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<tr>
<td>Equipment used</td>
<td>Rotary</td>
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<td>Stock</td>
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<td>Casing:</td>
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<td>0 ft to 35 ft</td>
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<td>351 ft to 600 ft</td>
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<td>740 ft to 1000 ft</td>
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<td>Shut-in pressure for flowing well:</td>
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<td>Static water level for non-flowing well:</td>
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<td>Pumping water level:</td>
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<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
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(over)
## Log of Well

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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. Name of Appropriator
   State Engineer
   Address

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 
   1890

4. The amount of groundwater claimed (in million bushels or gallons per minute): 
   2 gals per minute

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

6. The means of withdrawing such water from the ground and the location, description of any other means of withdrawal: 
   [Signature]

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 
   1910

8. The depth of water table: 
   25 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: 
   This spring is located 1/4 mile down to your feet

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

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

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: 12-10-63

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>
<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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<tbody>
<tr>
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<td>TUBBER, LESTER A.</td>
<td>GW-4</td>
<td>55252</td>
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<tr>
<td>2</td>
<td>BENNETT, CHARLES</td>
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<td>87515</td>
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<td>3</td>
<td>Kuehn, John</td>
<td>WATER WELL</td>
<td>92269</td>
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<td>BUREAU OF LAND MANAGEMENT</td>
<td>GW-4</td>
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<td>JENKINS, LESTER</td>
<td>GW-4</td>
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<td>WATER WELL</td>
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<td>TUBBETT, GEORGE</td>
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<td>34291</td>
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<td>10</td>
<td>FALKENSTEIN, ARNOLD H.</td>
<td>WATER WELL</td>
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<td>11</td>
<td>TUBBETT, R.L.</td>
<td>WATER WELL</td>
<td>33361</td>
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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)

Lester D. Truax, of
 County of. 
 State of....

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

1. County of. 
 State of.

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 since that date:

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 WATER CONSERVATION BOARD

File No. NOV 29 1965

DUPLICATE
Site: McDermott
Cty: Morton
Township: Sullivan

(state information)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Owner: Charles Bennett
Address: Terry, Mont.

Driller: Joe Johnson
Address: Terry, Mont.

Date of Notice of Appropriation of Groundwater: Aug. 25, 1965
Date well started: Date Completed: Sept. 3, 1965

Type of well: Drilled
Equipment Used: Spudger
(That, driven, bored or drilled)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cutting</th>
<th>Feet</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 1/2</td>
<td>6 1/2</td>
<td>0</td>
<td>141'</td>
<td>Holes 6 1/2</td>
</tr>
<tr>
<td></td>
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<td>5 1/2, 3 1/2</td>
</tr>
</tbody>
</table>

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

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.
## WATER WELL LOG

**Owner:** Mr. John Kusmin  
**Address:** Terry, Montana

**Driller:** Henry I. Johnson  
**Address:** Terry, Montana

**Date Started:** June 12, 1961  
**Date Completed:** June 19, 1961

**Location:** Sec. 2  
**R:** 51  
**M:** 4 sec.

### Type of well: Drilled  
**Equipment used:** Cables, tools

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

### Casing:

<table>
<thead>
<tr>
<th>Depth</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Std.</td>
<td>6&quot;</td>
</tr>
<tr>
<td>91</td>
<td></td>
<td></td>
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</tbody>
</table>

### Perforated or Screened:

<table>
<thead>
<tr>
<th>Depth</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>81</td>
<td></td>
<td></td>
</tr>
<tr>
<td>91</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Static Water level, for non-flowing well:

- **77** feet

### Shut-in pressure, for flowing well:

- **77** lb./sq. in. on: (date)

### Pumping water level:

- **95** feet at **10** gal. per min.

### How tested:

- **Balancer**

### Length of test:

- **2 hrs.**

### Remarks:

(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Sand</td>
</tr>
<tr>
<td>21</td>
<td></td>
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</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: Bureau of Land Management
Address: Miles City, Montana

Driller: Briggs Drilling
Address: Dillon, Montana

Date of Notice of appropriation of groundwater: 8/9/67
Date well started: 8/9/67
Date completed: 8/10/67

Type of well: Drilled
Equipment used: Cable tool

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

Static Water Level for non-flowing well: 42 feet.
Shut-in Pressure for Flowing Well: 48 feet.
Pumping Water Level: 45 feet at 43 gal. per minute.
Discharge in gal. per min. of flowing well: 43 gal.

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

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

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: 42,654
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

County of
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: Stock Water, Household use, Subirrigation.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 40 gals.

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: 70 acres, Subirrigation.

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

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

8. The depth of water table: Surface and Subsurface.

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: 20,000,000.

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: 

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
(Received Chapter 237, Montana Session Laws, 1961)

Owner: Bureau of Land Management, Box 960, Miles City, Montana
Driller: Henry Johnson
Address: Box 716, Terry, Montana
Date of Notice of Appropriation of Groundwater

Date well started: 1/5/64 Date Completed: 1/5/64

Type of well: Drilled Equipment Used: Cable Test
(dug, driven, bored or Churn, drill, rotary or other)

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

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

Static Water Level for non-flowing Well: 42 feet
Shut-in Pressure for Flowing Well: N/A
Pumping Water Level: 72 feet at 8 gal. per minute.
Discharge in gal, per min. of flowing well: N/A
How Tested: Bailing Test Length of Test: 1 hour
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other pertinent information, including number of acres irrigated, if used for irrigation) 2½ x 10″ stroke cylinder

Show exact depth of bottom.

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

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

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