STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Leonard Montes. of
County of

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

2. The description on which the claim is based: Sick Watering & Rangeland

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1955 - Continuous

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Commenced & Completed About 1955

8. The depth of water table: 30 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled - 20 ft. casing - 60 ft. rock

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 The estimated amount of groundwater withdrawn each year: 500,000 gallons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

Signature of Owner: Leonard Montes
Date: Dec. 31-1963

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

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

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

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

Leonard West
County of

State of

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

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

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

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name or 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 10-31-1963

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

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

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

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

Emil Moreau

(Name of Appropriator)  Jerry

(Address)  (Town)

County of  Teton

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:  Household use

2. Date or approximate date of earliest beneficial use; and how continuous the use has been:  1938 - Continuous

3. The amount of groundwater claimed (in miner's inches or gallons per minute):  50 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 date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.

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:  1938

8. The depth of water table:  15 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:  8 in. in diameter, 150 ft. deep

10. The estimated amount of groundwater withdrawn each year:  5,000 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:  Emil Moreau

Date:  

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

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

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

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

1. **Emil Weiss**, of **Head**, (Town)  
   County of **Tremonti**, 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 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. 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: **Emil Weiss**, Date: **Dec 21, 1963**

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

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

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

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

(Name of Appropriator)

(State of)

(County of)

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

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

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

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

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

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

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

8. The depth of water table:

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

10. The estimated amount of groundwater withdrawn each year:

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

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

Signature of Owner:

Date:

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
### Water Well Log

**Owner:** Clarence A. Monn  
**Address:** Terry, Montana

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

**Date Started:** June 2, 1960  
**Date Completed:** June 3, 1960

**Location:** Sec. 35, T. 14, R. 49 W. 4

#### Type of Well
- [ ] Drilled
- [ ] Reamed
- [ ] Augered
- [ ] Dug

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

#### Casing
- [ ] Surf. to 30 ft.  
  Type:  
  Size:  

- [ ] 30 to 60 ft.  
  Type:  
  Size:  

- [ ] 60 to 80 ft.  
  Type:  
  Size:  

#### Perforated or Screened
- [ ] Surf. to 30 ft.  
  Type:  
  Size:  

- [ ] 30 to 60 ft.  
  Type:  
  Size:  

#### Static Water Level
- [ ] Non-flowing well
- [ ] Flowing well

#### Shut-In Pressure
- [ ] Flowing well

#### Pumping Water Level
- [ ] 30 ft.  
  Gal. per min.:

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

---

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Gravel</td>
</tr>
<tr>
<td>10</td>
<td>Clay and gravel</td>
</tr>
<tr>
<td>20</td>
<td>Sand rock</td>
</tr>
<tr>
<td>31</td>
<td>Yellow sandy clay</td>
</tr>
<tr>
<td>52</td>
<td>Yellow clay</td>
</tr>
<tr>
<td>70</td>
<td>Lava horn 30 gal per minute</td>
</tr>
<tr>
<td>82</td>
<td>Yellow clay</td>
</tr>
<tr>
<td>Sec.</td>
<td>Name of Appropriator</td>
</tr>
<tr>
<td>------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td>1</td>
<td>Eaton, Frank</td>
</tr>
<tr>
<td>3</td>
<td>SJR, Frank</td>
</tr>
<tr>
<td>4</td>
<td>SJR. Anton, Jr.</td>
</tr>
<tr>
<td>5</td>
<td>SJR. Anton, Jr.</td>
</tr>
<tr>
<td>4</td>
<td>SJR. Tony</td>
</tr>
<tr>
<td>7</td>
<td>SJR. Anton, Jr.</td>
</tr>
<tr>
<td>1</td>
<td>Youngquist, Roy</td>
</tr>
<tr>
<td>7</td>
<td>Youngquist, Roy</td>
</tr>
<tr>
<td>10</td>
<td>SJR. Jerry</td>
</tr>
<tr>
<td>11</td>
<td>SJR. Jerry</td>
</tr>
<tr>
<td>13</td>
<td>SJR. Jerry</td>
</tr>
<tr>
<td>14</td>
<td>Macdonald, Clyde W.</td>
</tr>
<tr>
<td>16</td>
<td>SJR. Frank (State of Montana)</td>
</tr>
<tr>
<td>18</td>
<td>Tularase, Harry</td>
</tr>
<tr>
<td>19</td>
<td>Tularase, Harry</td>
</tr>
<tr>
<td>19</td>
<td>Tularase, Harry</td>
</tr>
<tr>
<td>21</td>
<td>SJR. Anton, Jr.</td>
</tr>
<tr>
<td>24</td>
<td>Kuen, Harel Geddes</td>
</tr>
<tr>
<td>26</td>
<td>Kuen, Sam</td>
</tr>
<tr>
<td>26</td>
<td>Kuen, Sam</td>
</tr>
</tbody>
</table>
**WATER WELL LOG**

- **Owner:** Frank C. Eaton
- **Address:** Lindsay, Montana
- **Driller:** H. J. Havens
- **Address:** Lindsay, Montana
- **Date Started:** April 1943
- **Date Completed:** April 1943
- **Location:** Sec. 2, T. 16, R. 50, 1/4 sec., NE

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Equipment Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>Charn Drill</td>
</tr>
</tbody>
</table>

- **Water use:** Stock

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 ft. to 8 ft.</td>
<td>Iron pipe</td>
<td>5&quot;</td>
</tr>
</tbody>
</table>

- **Perforated or Screened:**
- **Type of Screen or Perforations:** Slotted with tool - 1/8 x 4"

- **Static Water Level:**
- **Static Water Level, for non-flowing well:** 50 feet

- **Shut-In Pressure, for flowing well:** lb./sq. in. on: 8
  - (date)

- **Pumping water level:** 50 - 555 feet at 8 gal. per min. Continue

- **How tested:** Capacity of pressure pump at shut-off
  - Continue for displacing water and filling tank

- **Length of test:**

- **Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
  - Casing drawn into hole, no shut-off - all water came
  - (over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>4</td>
<td></td>
<td>Top soil</td>
</tr>
<tr>
<td>4</td>
<td>7</td>
<td></td>
<td>Sub soil - clay</td>
</tr>
<tr>
<td>7</td>
<td>14</td>
<td></td>
<td>Sand</td>
</tr>
<tr>
<td>14</td>
<td>50</td>
<td></td>
<td>Clay - joint clay</td>
</tr>
<tr>
<td>50</td>
<td>83</td>
<td></td>
<td>Clay and waterstone</td>
</tr>
<tr>
<td>83</td>
<td>-</td>
<td></td>
<td>Clay</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: FRANK SIR
Address: LINDSEY MONT

Driller: HENRY JOHNSON
Address: TERRY MONT

Date of Notice of Appropriation of Groundwater: N/A

Date well started: SEPT 28, '62
Date Completed: OCT 5, '62

Type of well... DRILLED
Equipment Used... CABLE TOOLS

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.

Static Water Level for non-flowing Well... 175 feet.

Head Pressure for Flowing Well... N.A.

Pumping Water Level... 175 feet at 12 gal. per minute.

Discharge in gal. per min. of flowing well... N.A.

How Tested... BORER
Length of Test... 1 HR.

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)

Packer set 140'-150', cement placed... Hole Relied with Bentonite Shale 22

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)

STATE ENGINEER

<table>
<thead>
<tr>
<th>Antone Sir, Jr.</th>
<th>of</th>
<th>Lindsey</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Name of Appropriator)</td>
<td>(Address)</td>
<td>(Town)</td>
</tr>
<tr>
<td>County of Prairie</td>
<td>State of Montana</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: Household use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June, 1952. Use has been continuous since that time.

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: Watering flower beds etc., around house.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 6 inch iron casing - drilled well. Automatic jet pump, electric motor. Double pipe to 65 foot level. Well located 450 north and 90 foot west of SE corner of Section 4.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Commenced and completed in June, 1952.

8. The depth of water table: Approximately 35 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled well. Six inch iron casing to 65 feet. Double pipe - 1 1/2 and 1 1/2 pipes. Automatic jet pump with electric motor.

10. The estimated amount of groundwater withdrawn each year: Approximately 180,000 gallons per yr.

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

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

Signature of Owner: Antone Sir, Jr.

Date: February 7, 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.
File No.  

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  

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

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
<th>County</th>
<th>State</th>
</tr>
</thead>
</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 is for stock water continuously, and for irrigation of garden in summer.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been completed in 1935. Use has been continuous since that time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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. Approximately 1 acre of garden in section 2, owned by claimant.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Cylinder pump driven by windmill with motor attached, approximately 500 feet east and 500 feet north of Southeast corner of Section 4.

7. The date of commencement and completion of the construction of the well, walls, or other works for withdrawal of groundwater. Commenced in 1934, completed in 1935.

8. The depth of water table Approximately 20 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Dug by hand down to 55 ft., about 3 ft. in diameter, then cased with concrete to that depth, roughly 25 inches in diameter. Drilled to 94 ft. with galvanized steel culvert from 55 to 94 ft., approximately 16 inches across. Submerged cylinder, steel rod, lift pump, powered by windmill or motor.

10. The estimated amount of groundwater withdrawn each year Approximately 720,000 gallons.

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

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

Signature of Owner: Antis Sr., Jr.  
Date: February 7, 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.
December 20, 1963.

State Engineer
Helena, Montana

Dear Sirs:

I wish to report a correction on Form GW4, filed by
Anton Sir, Jr., Lindsay Montana, mailed you in February 1962.

T 16N  R 50E
County Prairie

Our File No. 82920
Filed Feb. 7, 1962
Description: SE 1/2 SE 1/4 sec 4-16N-50E
Item 4 reads 1 gallon per minute
Correction 7 gallon per minute
Please make the above correction.
Thanking you, I am,

Yours very truly

E. Glen Johnston
Clerk & Recorder
Prairie County

cc: State Engineer, Helena, Montana
    Bureau of Mines & Geology, Butte, Montana.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Anton Stanga, Jr., of 301 Main Street, Laurel, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: Livestock watering, and limited use for operating farm equipment.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Approximately 1915; has been continuous since that time.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: No irrigation use.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Drilled with boring machine, 6 inch galvanized casing surrounded by sand rock. Completed and completed about 1915.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Approximately 33 feet.

8. The depth of water table: Approximately 33 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled with boring machine to 62 feet, approximately 30 inches in diameter, 6 inch galvanized casing inserted, and balance of hole filled with sand rock. Pipe used is 12 inch with cylinder lift pump in water.

10. The estimated amount of groundwater withdrawn each year: Approximately 60,000 gallons per year.

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

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

Signature of Owner: Anton Stanga, Jr.
Date: February 7, 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.
**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:** J. T. SIR  
**Address:** LINCOLN, MONT.

**Driller:** HENRY JOHN SM  
**Address:** TERRY, MONT.

**Date of Notice of appropriation of groundwater:** N.A.

**Date well started:** 04/2/67  
**Date completed:** 06/5/67

**Type of well:** DRILLED  
**Equipment used:** CABLE TOOLS  
(Dug, driven, bored or drilled)  
(Churn drill, rotary or other)

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

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

<table>
<thead>
<tr>
<th>Sizes of Dug Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 5/8</td>
<td>8&quot; 29 # 0</td>
<td>29</td>
<td>47</td>
<td></td>
</tr>
<tr>
<td>8&quot; L 19 # 26</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Statue Water Level for non-flowing well:** 8 feet.

**Shut-In Pressure for Flowing Well:** N.A.

**Pumping Water Level:** 45 feet at 4 gal. per minute.

**Discharge in gal. per min. of flowing well:** N.A.

**How Tested:** PUMP

**Length of Test:** 24 HRS

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

---

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

---

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

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

---

Driller’s License Number  
Driller’s Signature

22  
42,740
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner

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 for stock watering intermittently during the summer. Spring is located at point 116 yards East of Southwest corner of Northwest Quarter and 108 yards North of said point.

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. Used mostly as summer pasture, by a herd of cattle.

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

Signature of Owner

Date December 27, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Sir Brothers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Terry, Montana</td>
</tr>
<tr>
<td>Driller</td>
<td>J. C. hond</td>
</tr>
<tr>
<td>Address</td>
<td>Terry, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>June 1, 1961</td>
</tr>
<tr>
<td>Date Completed</td>
<td>June 5, 1961</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 5, T. 16, R. 50, 1/4 sec. 8th of the NW^4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Bog, driven, bored, or drilled)</td>
<td>(Churn drill, rotary, other)</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></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 170 ft.</th>
<th>Type: (3)</th>
<th>Size: (\frac{3}{4}) Inch</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td></td>
<td>Type:</td>
<td>Size:</td>
</tr>
<tr>
<td>Casing:</td>
<td></td>
<td>Type:</td>
<td>Size:</td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>128 ft. to 166 ft.</td>
<td>Type:</td>
<td>Size:</td>
</tr>
</tbody>
</table>

| Type of screen or perforations | \(\frac{5}{16}\) in. hole, cut three in. apart with Istrach |

| Static Water level, for non-flowing well: | 70 to 100 feet. |

| Shut-in pressure, for flowing well: | \(\frac{5}{16}\) lb./sq. in. on: |
|-------------------------------------| (date) |

| Pumping water level: | 100 feet at 5 gal. per min. |

| How tested: | With baler |

| Length of test: | For one hour. |

<table>
<thead>
<tr>
<th>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(over)
<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>Topsoil</td>
</tr>
<tr>
<td>1</td>
<td>Sand and clay</td>
</tr>
<tr>
<td>2</td>
<td>Sand, clay, and gravel</td>
</tr>
<tr>
<td>7</td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>7.4</td>
<td>Clay</td>
</tr>
<tr>
<td>7.8</td>
<td>Yellow sandstone</td>
</tr>
<tr>
<td>8.4</td>
<td>Yellow clay</td>
</tr>
<tr>
<td>9.4</td>
<td>Gumbo</td>
</tr>
<tr>
<td>10.0</td>
<td>Coal and water sand</td>
</tr>
<tr>
<td>10.7</td>
<td>Gumbo</td>
</tr>
<tr>
<td>11.2</td>
<td>Yellow sandstone</td>
</tr>
<tr>
<td>12.0</td>
<td>Sandstone</td>
</tr>
<tr>
<td>12.4</td>
<td>Rock - grey layer rock with water seep</td>
</tr>
<tr>
<td>12.7</td>
<td>Gumbo</td>
</tr>
<tr>
<td>12.9</td>
<td>Water sand</td>
</tr>
<tr>
<td>16.6</td>
<td>Gumbo</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. ROY YOUNGCOUETT of TERRY
   County of PRARIE, 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: STICK WATER

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1930
   Continuation: 1958

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 300 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: 1950

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: 50,000 to 100,000 gallons

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

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

Signature of Owner

Date: 12-17-13

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  

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

Date of Appropriation of Groundwater: 1930

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 methods 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.  

---

Signature of Owner:  
Date: 12/16/1963

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

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

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

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

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

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jerry Fin</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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
   Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   April 1, 1961

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

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

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
   April 1, 1961

8. The depth of water table
   120'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   Drilled to 117' ft. deep

10. The estimated amount of groundwater withdrawn each year
    225,000 gallons

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

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

Signature of Owner

Date: Nov 29, 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)

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   1910 - Continuous

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:
   COMMENCED & COMPLETED 1910

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:
    7,884,000 Gallons

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

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

Signature of Owner: __________________________
Date: ________________ 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)

County of: __________________________ State of: Montana

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

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

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

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

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

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

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

8. The depth of water table: ________________

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

10. The estimated amount of groundwater withdrawn each year: ________________

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

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

Signature of Owner: ________________

Date: ________________

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

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

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

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

Date of Jan 6, 1964

Name of Appropriate: David A. Davidson
Address: Lusk, Montana
County of: PLAINS
State of: MONTANA

I, 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:
   A. Domestic Water
   B. Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   A. 1952 - Continuous
   B. 1950 - Continuous

4. The amount of groundwater claimed (in miner's feet or gallons per minute):
   A. B= 10 gpm per minute
   B. 15 gpm 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:

   A.

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

   A. N.W.

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

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

   A. 1952

8. The depth of water table:

   A. 12 feet
   B. 15 feet

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

   A. 5 inch bored well 12 feet deep
   B. 5 inch bored well 15 feet deep

10. The estimated amount of groundwater withdrawn each year:

    A. 30,000 gals
    B. 200,000 gals

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

    Not Available

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

    Not Available

Signature of Owner: David A. Davidson
Date: Dec 7, 1963

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the 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: About 1910
Lessee: Frank Air
Owner: State of Montana
Contractor (if any)
Address of Contractor

Date Started: About 1910
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 1 is located 500 feet west of
Southeast corner of Sec. 16 T. 16 N. R. 49 E. Spring No. 2 is
about 1000 feet east of west
line and 1900 feet south of north line of said section -
also has a good flow of water.

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. These springs
are used for stock watering the year around but especially
Spring, Summer and Fall. Substantial number of cattle water
there because there is good water in plentiful supply, and
they water from surrounding lands also.

Signature of Owner: [Signature]
Date: December 21, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the
School of Mines and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Barry Tularski
Address: Terry

Driller: Ira C. Bond
Address: Terry

Date of Notice of Appropriation of Groundwater

Date well started: 6/4/64
Date completed: 6/6/64

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

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

SE 1/4 NW 1/4 Sec 18 T 16 N R 50 E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static water level for non-flowing well: 30 feet.

Shut-in pressure for flowing well

Pumping water level: 30 feet at 5 gallons per minute.

Discharge in gal, per min, of flowing well

How Tested: bailer
Length of Test: 2 hours

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)

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.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

**DECLARATION OF VESTED GROUNDWATER RIGHTS**

1. **Owner of Appropriator:** Harry Tulashkin

2. **Date of Appropriation:**

3. **Beneficial Use:**

4. **Amount of Groundwater Claimed:**

5. **Beneficial Use:**

6. **Means of Withdrawing Water:**

7. **Date of Commencement and Completion:**

8. **Depth of Water Table:**

9. **Log of Formations Encountered:**

10. **Estimated Amount of Groundwater Withdrawn:**

11. **Log of Formations Encountered in Drilling:**

12. **Other Information:**

---

**Signature of Owner:**

**Date:**

---

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Cable tool</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Dug, driven, bored, or drilled)</td>
<td>(Churn drill, reamer, 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>Drainage</td>
<td>Other:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 200 ft.</th>
<th>Type</th>
<th>Steel</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size:</td>
<td>4 inch</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>ft. 69 to ft. 197</th>
<th>Ft. 135 to Ft. 141</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of screen or perforations:</td>
<td>5/16&quot; holes burnt with torch every two inches</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>Top level 68 ft.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
<th>lb./sq. in. on:</th>
</tr>
</thead>
<tbody>
<tr>
<td>(date)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pumping water level:</th>
<th>185 feet at 4 gal. per min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>How tested:</td>
<td>Bailer</td>
</tr>
<tr>
<td>Length of test:</td>
<td>one hour</td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-7</td>
<td>clay with gravel</td>
</tr>
<tr>
<td>7-12</td>
<td>Sandstone</td>
</tr>
<tr>
<td>12-34</td>
<td>yellow clay</td>
</tr>
<tr>
<td>34-36</td>
<td>Sandstone</td>
</tr>
<tr>
<td>36-40</td>
<td>yellow clay</td>
</tr>
<tr>
<td>40-70</td>
<td>blue gumbo</td>
</tr>
<tr>
<td>70-75</td>
<td>Water sand</td>
</tr>
<tr>
<td>78-76</td>
<td>Rock</td>
</tr>
<tr>
<td>78-79</td>
<td>blue gumbo</td>
</tr>
<tr>
<td>79-132</td>
<td>coal</td>
</tr>
<tr>
<td>132-133</td>
<td>blue gumbo</td>
</tr>
<tr>
<td>133-136</td>
<td>gumbo</td>
</tr>
<tr>
<td>136-140</td>
<td>water sand</td>
</tr>
<tr>
<td>140-170</td>
<td>White clay</td>
</tr>
<tr>
<td>170-171</td>
<td>coal</td>
</tr>
<tr>
<td>171-192</td>
<td>white clay</td>
</tr>
<tr>
<td>192-196</td>
<td>Water sand</td>
</tr>
<tr>
<td>196-200</td>
<td>gumbo</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater .......... 1936
Owner: Anton Stie, Dr. Address: Lindsay, Montana
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 No. 1 is approximately 435 yards west and 75 yards south of Northeast corner of Section 21-16-50. Spring 2 is approx. 435 yards west and 300 yards south of the Northeast corner of said section.

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. 
Used mostly as summer pasture and intermittently by herd of cattle.

Signature of Owner..................................... Date: December 27, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Oct. 6, 1947
Owner: Hazel Godfrey, Lindsay, Mont.
Contractor (if any): None
Address of Contractor: 

There are three springs as marked:

N.W. 1/4 S.E. 2 A T.16 R. 50

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

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

It is used for stock watering 8 months of the year. The quantity and amount of water is not measured.

Signature of Owner: Hazel Godfrey
Date: December 11, 1963

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

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>County</th>
<th>City</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nancy Parks</td>
<td>T. 16 R. 30 S. 5</td>
<td>Prairie</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

The holder of the claim has 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 - Irrigation
2. Date or approximate date of earliest beneficial use: August 1961
3. The amount of groundwater claimed: 1000 gallons per minute
4. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal - Withdrawl by well
5. The log of formations encountered in the drilling of each well if available
6. The estimated amount of groundwater withdrawn each year: 10,000 gallons
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: August 1961
8. The depth of water table: 190 feet
9. The type, size and depth of each well or other works for the withdrawal of groundwater
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

Signature of Owner: Nancy Parks
Date: December 12, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

STATE ENGINEER

Owner: [blank] Address: [blank]
Driller: [blank] Address: [blank]
Date Started: November 9, 1960 Date Completed: November 11

Location: Sec. [blank] T. [blank] R. 28

Type of well: [blank]
Equipment used: [blank]

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

Casing: [blank] ft. to [blank] ft. Type: [blank] Size: [blank]

Perforated or Screened: [blank] ft. to [blank] ft. Type: [blank] Size: [blank]

Type of screen or perforations: [blank]

Static Water level, for non-flowing well: [blank]
Shut-In pressure, for flowing well: [blank]

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

Length of test: [blank]

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 3</td>
<td>Topsoil and loam</td>
</tr>
<tr>
<td>3 - 26</td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>26 - 32</td>
<td>Bluuish Yellow Clay</td>
</tr>
<tr>
<td>32 - 35</td>
<td>Dark Brown Clay</td>
</tr>
<tr>
<td>35 - 50</td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>50 - 56</td>
<td>Bluuish Yellow Clay</td>
</tr>
<tr>
<td>56 - 60</td>
<td>Sand with water sweep</td>
</tr>
<tr>
<td>60 - 62</td>
<td>Blue clay</td>
</tr>
<tr>
<td>62 - 66</td>
<td>Gumbo</td>
</tr>
<tr>
<td>66 - 72</td>
<td>Coal</td>
</tr>
<tr>
<td>72 - 80</td>
<td>Water sand</td>
</tr>
<tr>
<td>80 - 84</td>
<td>Blue Clay</td>
</tr>
<tr>
<td>84 - 114</td>
<td>Water sand - 3 gpm</td>
</tr>
<tr>
<td>114 - 128</td>
<td>Gumbo</td>
</tr>
<tr>
<td>128 - 132</td>
<td>Gumbo</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1908

State of Montana
Administrator of Groundwater Code
State Water Conservation Board

Notice of Completion of Groundwater Appropriation by Means of Well

Owner: Liles
Address: Broadway, Helena

Driller: Fred S. Bond & Sons
Address: Terry, Montana

Date of Notice of Appropriation of groundwater: 10/21/69

Date well started: 10/21/69
Date completed: 10/23/69

Type of well: Drilled
Equipment used: Cable tool
(Dug, driven, cased or drilled)

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

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

<table>
<thead>
<tr>
<th>Strata</th>
<th>Depth of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From Ground</th>
<th>To Ground</th>
<th>Kind of Work</th>
<th>From Ground</th>
<th>To Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plastic</td>
<td>4</td>
<td></td>
<td>0</td>
<td>60</td>
<td></td>
<td>5/16</td>
<td>54</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing wells:

- Shutoff Pressure for Flowing Wells:

- Pumping Water Level:

- Discharge in gal. per minute:

- How Tested:

- Length of Test:

- Remarks:

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).

County Clerk and Recorder in the county in which the well is located, retain a copy in the office of the County Clerk and Recorder.

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

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

Driller’s License Number: 37
Driller’s Signature: 45,806