STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  

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

1. Alfred M. Brand  
   (Name of Appropriator)  
   of  Box 265  
   Baker  
   County of  Fallon  
   State of  Montana  
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>X</th>
<th>W</th>
<th>N</th>
<th>S</th>
</tr>
</thead>
</table>

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute):  
   **6 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:  
   *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:  
   **Windmill & pump**

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:  
   **30**

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:  
   **5' diameter, hand dug to 50' depth**

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 The estimated amount of groundwater withdrawn each year:  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

11. The log of formations encountered in the drilling of each well if available:  
    **surface of 5' top soil, 45' Fox Hill sand**

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

   Signature of Owner:  
   **[Signature]**
   Date:  **Dec. 26th, 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)

Alvin F. Hasty  
Falls

Name of Appropriator  
Address  
(Town)

County of  
State of  

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

2. The beneficial use on which the claim is based: stock watering, machine water, crop spraying and household use

3. Date or approximate date of earliest beneficial use and how continuous the use has been: 1947 when well was drilled and use has been constantly continuous since that date.

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

5. If used for irrigation, give the average and description of the lands to which water has been applied and name of the owner thereof: 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: Withdrawn by pump with pump jack and power. Well located 240 feet from east line and 636 feet from south line of SE 1/4 of NW 1/4 of SE 1/4, Tp 76, Rg 60E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Original well was hand dug in 1909. It was in use 1947 and a well was drilled at this location in 1947, began and completed in one day and casing set the next day in fall of 1947.

8. The depth of water table: 18 to 22 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 diameter inside casing to a depth of 40 feet. The well was dug to a depth of 170 feet but casing only to a depth of 40 feet below ground level, set with a pump operated by pump jack powered with an electric motor

10. The estimated amount of groundwater withdrawn each year: 20,000 gallons per year

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

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

Signature of Appr  

Date: April 26, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology; and quadruplicate for the Appr.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Alvin Grady
Address: Baker, Montana

Driller: Herb O'Donnell
Address: Baker, Montana

Date of Notice of Appropriation of Groundwater: Oct 29, 1963

Date well started: October 17
Date completed: October 29, 1963

Type of well: Drilled
Equipment Used: Churn, drill, rotary or other

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

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

<table>
<thead>
<tr>
<th>Strata</th>
<th>Depth (Feet)</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 1/4 ft sand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1/4 - 6 3/4 ft water bearing sand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 3/4 - 50 ft clay with streak of shale</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Show exact depth of bottom.

Static Water Level for non-flowing Well: 16 feet.
Shut-in Pressure for Flowing Well: No flow
Pumping Water Level: 12 feet at 5 gal per minute.
Discharge in gal per min. of flowing well: No flow
Flow Tested: No flow
Length of Test: No flow

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)

Irrigation

Driller’s License Number: 30
Driller’s Signature: O’Donnell

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

1. Theodore J. Braun

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

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

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

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

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

8. The depth of water table: 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: 6" casing 50' deep

10. The estimated amount of groundwater withdrawn each year: 50,000 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: not available

Signature of Owner: ____________________________
Date: Dec. 26, 1963

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

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

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

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

1. Theodore J. Braun of 809 Yellowstone Miles City
   (Name of Appropriator) (Address) (Town)

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

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

3. Date or approximate date of earliest beneficial use and how continuous the use has been:
   1908 continuous

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   1908

8. The depth of water table:
   20 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
   works for the withdrawal of groundwater:
   Hand dug 35 foot deep 3 feet in diameter

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

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

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

   Signature of Owner
   Date Dec. 29, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
I filed all except County Clerk & Recorder.
## 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>County of</th>
<th>State of</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fallon</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
Norman Lang

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

### 3. Date or approximate date of earliest beneficial use, and how continuous the use has been
**About 1943, continuous to date**

### 4. The amount of groundwater claimed (in miner's inches or gallons per minute)
**2 1/2 gallons per minute**

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

### 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Windmill and Electric Pump with Pump Jack at Well Site

### 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Well Drilled About 1943

### 8. The depth of water table
30' from surface

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

- **Well 180' deep, 4' iron casing, cemented**
- **About 6' down, windmill, electric, 1/2 horse motor on well site**

### 10. The estimated amount of groundwater withdrawn each year
**144,000 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
Hard Water

**Signature of Owner**: Norman Lang

**Date**: December 18, 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; quaduplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Norman Lang of Baker
   County of Fallon
   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, stockwater, irrigation

   3. Date or approximate date of earliest beneficial use: prior to 1929; continuous to date

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

   about 1/4 acre of land about 200' from well; land owned by appropriator.

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

   electric pump about 200' from well

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: well drilled prior to 1929

   8. The depth of water table: about 18' from surface

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

   well 40' deep, cased to 18' with 36' culvert, pump with 1/2 horse electric motor

   10. The estimated amount of groundwater withdrawn each year: 172,500 gallons

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

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

   Signature of owner: Norman Lang
   Date: December 18, 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.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>McElroy, Mead</td>
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</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Louis Jensen
Address: Baker, Mont.

Driller: C. J. Kohiu
Address: Baker, Mont.

Date of Notice of Appropriation of Groundwater: Nov. 1

Date well started: Oct. 25

Date completed: Oct. 31

Type of well:
Equipment Used: Rotary

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>3 1/2</td>
<td>STD 3&quot; Ground Level 336</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well... 150 feet.

Shut-in Pressure for flowing Well...

Pumping Water Level... 220 feet at 8 gal. per minute.

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

How Tested: Boiled

Length of Test: 3 h.

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

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

Show exact depth of bottom.

Asking Well Drilling

Dean's License Number

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)

**Harold Jensen**

Name of Appropriator: 

of Baker

Address: 

(Town)

County of: Fallon

State of: Montana

**NE 1/4 SW 1 Sec. 6 T 7 R 61**

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

2. The beneficial use on which the claim is based...
   - domestic and stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 60 gal. per day for 3 months, 100 gal. per day for balance of year since 1914

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 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, 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...
   - electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1941

8. The depth of water table.. 160'

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...
   - 5" casing. 150'

10. The estimated amount of groundwater withdrawn each year... 32,400 gal.

11. The log of formations encountered in the drilling of each well if available...
   - none available

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

Signature of Owner: Harold Jensen

Date: June 15, 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 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:** Harold Jensen  
   **Address:** Baker  
   **Town:**  
   **County:** Fallon  
   **State:** Montana  
   **Date of Appreciation:**  
   **Amount of Groundwater Claimed:**  

2. The beneficial use on which the claim is based:  
   - Domestic and stock water

3. Date or approximate date of earliest beneficial use, and how continuous the use has been:  
   - Drilled 1955, 200 gal. per day

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

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

8. The depth of water table: 200 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: 30 ft. depth, 4" casing

10. The estimated amount of groundwater withdrawn each year: 73,000 gal. per yr.

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

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

   Signature of Owner: Harold Jensen  
   Date: June 15, 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 Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriate.
Declaration of Vested Groundwater Rights

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator: Harold Jensen
   Address: Baker
   Town: Fallon
   State: Montana

2. The beneficial use on which the claim is based:
   Domestic and Stock Water

3. Date or approximate date of earliest beneficial use and how continuous the use has been: 1911
   Amount: 500 gallons per day

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1911

8. The depth of water table: 200'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   Depth: 225'
   Type: 5" casing

10. The estimated amount of groundwater withdrawn each year: 116,000 gal

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

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

Signature of Owner: Harold Jensen
Date: June 15, 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 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)

Mary Crawford (Name of Appropriator)
Baker (Address) (Town)
County of Fallon 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
   To water stock

2. Date or approximate date of earliest beneficial use; and how continuous the use has been
   1929 water stock
   Every summer and fall
   Some times in winter

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

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
   Pump
   On top of well

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   W. 2. 27. 1962

7. The depth of water table
   Upper 60 feet

8. The depth of water table
   Lower 370 feet

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

10. The estimated amount of groundwater withdrawn each year
    132,600 gals

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

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: Dec 27th, 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 Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
139320
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Merritt Duffield of Box 15, 7, Baker
   (Name of Appropriator) (Address) (Town)

   County of Fallon County, 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: Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1945, 6 No. 2 Year

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 3 to 5 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: None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Windmill and Pump Jack, 20 ft.

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

8. The depth of water table: 60'

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 4" Steel Casing 340' deep 15'/2" Cyl.

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

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

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: Merritt Duffield
Date: 12-30-62

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)

Mike Firschten, of Baker, 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 continuously used; and how currently used.

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 the 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)

M. M. Barrett
Name of Appropriator:

220 North 11th, Miles City
Address: (Town)

Custer
County of

Montana
State of

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

1. Name of Appropriator:
220 North 11th, Miles City
Address: (Town)

Custer
County of
Montana
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: domestic and stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 4/16/49; continuous to date

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 4/2/49 commenced; 4/16/49

8. The depth of water table: 135 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: 90 feet 6" casing; 50 feet perforated

10. The estimated amount of groundwater withdrawn each year: 524,160 gallons

11. The log of formations encountered in the drilling of each well if available: 220 - 270 feet sand

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

Signature of Owner
M. M. Barrett
Date: December 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 STATE WATER
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

(Name of Appropriator) (Address) (Town)

County of __________________________ State of __________________________

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

1. Name of Appr orator:

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

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

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

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

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

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

8. The depth of water table:

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

10. The estimated amount of groundwater withdrawn each year:

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

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

Signature of Owner:

Date:

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

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

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

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

Norman Lang
(Name of Appropriator)

Baker
(Address)

Fallon
(Town)

County of Fallon
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: stockwater...

3. Date or approximate date of earliest beneficial use: and how continuous the use has been: fall of 1959; continuous to date...

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1/2 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: not applicable...

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

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

8. The depth of water table: 3' from surface at low ebb; flows occasionally...

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: improved spring which flows several months per year; when flow stops it is pumped with 3 horse power gasoline engine for about two months in the fall of each year; well is a 4' x 4' box, 14' long sunk in spring...

10. The estimated amount of groundwater withdrawn each year: 72,000 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: Norman Lang
Date: December 18, 1963

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

I have answered 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.
I 139115
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Mike Kirschten

1. (Name of Appropriator) of Baker, (Address) (Town)

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. 1955, used yearly fall and early winter.

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

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

8. The depth of water table Unknown

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

10. The estimated amount of groundwater withdrawn each year 135,000 gal.

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

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 Mike Kirschten
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 Quaduplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Merritt Duffield, Box 157, Baker
County of Fallon, State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. Beneficial use on which the claim is based: Livestock

2. Date or approximate date of earliest beneficial use: 1948, Every day

3. Amount of groundwater claimed: 3 to 5 gal. per minute

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

5. Means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Wind mill, Baseline Pump Jack

6. Date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1948

7. Depth of water table: 40'

8. 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 4" casing, 160' deep

9. The estimated amount of groundwater withdrawn each year: 18,2500

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

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: None

Signature of Owner: Merritt Duffield
Date: 12-30-63

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

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

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

**ADMINISTRATOR OF GROUNDWATER CODE**

**STATE WATER CONSERVATION BOARD**

**Notice of Completion of Groundwater Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1968

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

Owner: [Name]  
Address: [Address]

Driller: [Name]  
Address: [Address]

Date of Notice of appropriation of groundwater: [Date]

Date well started: [Date]  
Date completed: [Date]

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

Water use: [Use]  
[Other Uses]

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

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled Hole</td>
<td>Weight of Casing</td>
<td>Feet</td>
<td>Feet</td>
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<tr>
<td>6-feet I.D.</td>
<td>+2</td>
<td>304</td>
<td></td>
</tr>
<tr>
<td>19.14o/ft.</td>
<td></td>
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</tr>
</tbody>
</table>

Static Water Level for non-flowing well: [Level] feet.

Shut-in Pressure for Flowing Well: [Level] feet.

Pumping Water Level: [Level] feet at [Rate] gal. per minute.

Discharge in gal. per min. of flowing well: [Level] feet.

How Tested: [Test]

Length of Test: [Length]

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

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

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

Driller's License Number: [Number]

Driller's Signature: [Signature]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(Merritt Duffield) of Box 157 Baker

County of Wallace 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:
   Livestock Household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   Everyday 4 Hours

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   1948

8. The depth of water table:
   20'

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 Casing 100' deep

10. The estimated amount of groundwater withdrawn each year:
    262,800 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: Merritt Duffield
Date: 12-30-65

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)

Mike Kirschchen, of Baker, 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 and stock

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

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

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

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

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

8. The depth of water table: Unknown

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled, 8 inch, 165 feet

10. The estimated amount of groundwater withdrawn each year: 146,000 gals

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

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: Mike Kirschchen
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.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
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<td>Ranch &amp; Decker</td>
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<td></td>
</tr>
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<td>3</td>
<td></td>
<td>01F</td>
<td>13950</td>
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</tr>
<tr>
<td>16</td>
<td>Mace &amp; Ranch</td>
<td>01F</td>
<td>13950</td>
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<td>Deane &amp;</td>
<td>01F</td>
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<td>Mackay Ranch</td>
<td>01F</td>
<td>13950</td>
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<tr>
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<td>Mackey Ranch</td>
<td>01F</td>
<td>13950</td>
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</tr>
<tr>
<td>37</td>
<td>George</td>
<td>01F</td>
<td>13950</td>
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</tr>
<tr>
<td>38</td>
<td>Mackay Ranch</td>
<td>01F</td>
<td>13950</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

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

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

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

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

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

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

8. The depth of water table:

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

10. The estimated amount of groundwater withdrawn each year:

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

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

Signature of Owner  
Date  

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

1. **Name of Appropriator**
   - (Town)

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. "Means of withdrawing such water from the ground and the date 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...

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**

---

**Note:**

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. Mackay Ranch 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, Livestock water

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

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

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

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

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 Mackay Ranch Date 12-23-63

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.
FILED
at 11:00 O'clock A.M.
DEC. 6, 1963

[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)

1. Maclay Ranch of Hermay
   (Name Appropriator) (Address) (Town)

   County of Gallon
   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: livestock

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 5 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: none

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

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

   8. The depth of water table: 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: date: Sept 20 long 8 ft deep

   10. The estimated amount of groundwater withdrawn each year: 1,314,000

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

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

   Signature of Owner: Maclay Ranch
   Date: 12-23-63

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

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

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

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

1. Name of Appropriator: Dana D. Orange
   Address: 100 Main St., Great Falls, MT 59401
   County of: Cascade
   State of: Montana

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

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1952

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1 gal. - 2 in. flowing spring

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 50 acres - farming purposes

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

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

   8. The depth of water table: 25'

   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: 140 ft.

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

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

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

   Signature of Owner: John D. Orange
   Date: 12-30-1963

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
OFFICE OF STATE ENGINEER

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

Mackey Ranch, (Name of Appropriator)

County of Gallatin, State of Mont.

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

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

2. The beneficial use on which the claim is based consists of watering.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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. None

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

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

8. The depth of water table. 947 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, lined, casing 947 ft deep.

10. The estimated amount of groundwater withdrawn each year. 1314,000

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

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

Signature of
Date 12-23-63

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.
**DRILLER'S LOG**

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

<table>
<thead>
<tr>
<th>Top of Ground (Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.2来mmy Clay</td>
</tr>
<tr>
<td>2.8 Sandy Clay</td>
</tr>
<tr>
<td>8.14 Clay</td>
</tr>
<tr>
<td>44.16 Gravelly Water</td>
</tr>
<tr>
<td>16.94 Sandy Shale</td>
</tr>
<tr>
<td>20.98 Clay</td>
</tr>
<tr>
<td>34.38 Grey Clay</td>
</tr>
<tr>
<td>38.41 Clay</td>
</tr>
<tr>
<td>41.52 Clay Shale</td>
</tr>
<tr>
<td>52.8 Blue Sandstone</td>
</tr>
<tr>
<td>58.60 Clay</td>
</tr>
</tbody>
</table>

**Notice of Completion of Groundwater Appropriation by Means of Well**

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.

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**Owner:** McKay Ranch  
**Address:** I. M. Mount

**Date well started:** Sept. 18, 1972  
**Date well completed:** Sept. 24, 1972

**Type of well:** Bored

**Equipment used:** Boring machine

**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:** 75,000 gals.

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**Driller's Signature:** Mike O'Donnell  
**Driller's Address:** Box 127, Baker, Mont.  
**License No.:** 214  
**County:** Fallon