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>
<th>County</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nebraska Feeding Co.</td>
<td>701 Livestock Exch. Bldg. Omaha</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>2. The beneficial use on which the claim is based</td>
<td>Stock water</td>
</tr>
<tr>
<td>3. Date or approximate date of earliest beneficial use; and how continuous the use has been</td>
<td>June 5, 1951; used each year since</td>
</tr>
<tr>
<td>4. The amount of groundwater claimed</td>
<td>20 gal. per min.</td>
</tr>
<tr>
<td>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</td>
<td></td>
</tr>
<tr>
<td>6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal</td>
<td>Pumped by sub motor; location SW 1/4 NW 1/4 SE 1/4, T12N, R26E</td>
</tr>
<tr>
<td>7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater</td>
<td>Construction started June 4, 1951; completed June 5, 1951</td>
</tr>
<tr>
<td>8. The depth of water table</td>
<td>Water rises within 6 feet of ground level</td>
</tr>
<tr>
<td>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</td>
<td>The well has 6-in. casing and is 40 ft. deep</td>
</tr>
<tr>
<td>10. The estimated amount of groundwater withdrawn each year</td>
<td>650,000 gal.</td>
</tr>
<tr>
<td>11. The log of formations encountered in the drilling of each well if available</td>
<td>0-5 ft., top soil; 5-18 ft., sand and gravel; 18-40 ft., sand and gravel</td>
</tr>
<tr>
<td>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</td>
<td>This is well number 5, as indicated on the map of the Nebraska Feeding Company Ranch that is in the possession of the ranch foreman.</td>
</tr>
</tbody>
</table>

Signature of Owner: [Signature]  
Date: June 22, 1962

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

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

Filed Aug 1, 1912
at 9:30 o'clock A.M.

Selma R. Merten
County Recorder
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Nebraska Feeding Company of Douglas, Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

<table>
<thead>
<tr>
<th>Name of Appropriator: Nebraska Feeding Company</th>
<th>Address: Douglas, Montana</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  
   **July 10, 1951 - used all year every year**

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
   **Pump run by gas motor; location SW 1/4 NE Sec 10, T12 N, R26 E**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
   **Construction started July 6, 1951 and completed July 9, 1951.**

8. The depth of water table  
   **Water rises to within 12 feet of ground level.**

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
   **This well has a 6 in. casing and is 35 ft. deep.**

10. The estimated amount of groundwater withdrawn each year  
    **650,000 gal.**

11. The log of formations encountered in the drilling of each well if available  
    **0-20 ft. - sand and gravel; 20-35 ft. - grey shale**

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
    **This is well number 5 as is listed on the map of the Nebraska Feeding Company Ranch that is in the possession of the ranch foreman.**

   Signature of Owner:  
   **[Signature]  
   Date: June 22, 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)

1. Nebraska Feeding Company, of Omaha, Douglas State of Nebraska, 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 June 8, 1952; used each year since

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump run by gas motor; location Nebraska Sec. 10, T12N, R 26 E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Construction started June 4, 1952 and completed June 7

8. The depth of water table rises 8 ft. of ground level.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater The well has a 6 in. casing and is 30 ft. deep.

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

11. The log of formations encountered in the drilling of each well if available 0-20 feet sand and gravel 20-30 feet clayey shale

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record This is well number 4 as is listed on the map of the Nebraska Feeding Company Ranch that is in the possession of the ranch foreman.

Signature of Owner Nebraska Feeding Company

Date June 22, 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,
County of Petroleum.

Filed Aug 20, 1962
at 9:40 o'clock A.M.

Selma R. Masten
County Recorder.
I - 8

File No. 229

DUPLICATE

STATE ENGINEER

STATE OF MONTANA

AGENCY OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Nebraska Feeding Company, 701 Livestock Exchange Building, Omaha, Nebraska

<table>
<thead>
<tr>
<th>County of</th>
<th>Douglas</th>
</tr>
</thead>
<tbody>
<tr>
<td>State of</td>
<td>Nebraska</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

| Human consumption |

3. Date or approximate date of earliest beneficial use; and how continuous the use has been, December, 1964

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

| 1 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

| non-applicable |

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

| From run by electric motor |

| Nebr. Sec. 10-10-26 |

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

| Construction started July, 1964, Completed August, 1964 |

8. The depth of water table

| Water rises to 8 feet from top of ground |

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

| 6 inch casing, Well is 101 feet deep |

10. The estimated amount of groundwater withdrawn each year

| 450,000 gallons per year |

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

| not available |

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

| This well is number 14 as listed on map of Nebraska Feeding Company Ranch possessed by ranch manager |

| NEBRASKA FEEDING COMPANY PS: |

| Signature of Owner |

| Alphonzo Carter |

| Date: April 5, 1965 |

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

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

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

WATER WELL LOG

Owner: Story Miller
Address: Winnett, Montana

Driller: Gordon Seamons
Address: Roundup, Montana Box 536

Date Started: May 16, 1958
Date Completed: May 31, 1958

Location: Sec. 26, T. 12, R. 26

Type of well: Drilled
Equipment used: Spudder

Type of screen or perforations: Slats

Static water level, for non-flowing well: feet
Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level of water 110 feet at 2 gal. per min.

How tested: Bailier

Length of test:

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 300 ft.</th>
<th>Type: T &amp; C</th>
<th>Size: 6&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td>ft. to ft.</td>
<td>Type:</td>
<td>Size:</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to ft.</td>
<td>Type:</td>
<td>Size:</td>
</tr>
</tbody>
</table>

Perforated or Screened: Ft. 145' to 150' Ft. 169' to 180'

| Remarks: (over) |
## Log of Well

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>4</td>
<td>Top Soil, Sandy</td>
</tr>
<tr>
<td>4</td>
<td>17</td>
<td>Shale, Stickey Grey</td>
</tr>
<tr>
<td>17</td>
<td>105</td>
<td>Sandstone, Yellow.</td>
</tr>
<tr>
<td>105</td>
<td>198</td>
<td>Sandy Shale, Light grey. (Small amount of water: 80 Gal. overnight)</td>
</tr>
<tr>
<td>198</td>
<td>200</td>
<td>Shale, Medium Black</td>
</tr>
<tr>
<td>200</td>
<td></td>
<td>Total Depth.</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

ANDREW SHARKY

County of

May 12, 1963

STATE ENGINEER

Petroleum

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

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 and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Year of 1914 and used continuously after

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 40 gallons a 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: ¶R 1/4 NE 1/4 Sec. 17 T 12 R 26 E

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: A submersible pump, located in the SW corner of ¶R 1/4 NE 1/4 Sec. 12 T 12 R 26 E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Commenced and completed the year of 1914

8. The depth of water table: Approximately 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: A drilled well, with a 6 inch hole, 180 feet deep with a submersible pump

10. The estimated amount of groundwater withdrawn each year: 636,000 gallons

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: Not applicable

ANDREW SHARKY

Signature of Owner

Date: May 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Andrew and Susan Sharkey, of Winnett, Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:
   - Name of Appropriator: Andrew and Susan Sharkey
   - Address: Winnett
   - Town: Montana
   - County: Petroleum

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

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

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: 10 acres, located in the NE corner of Section 12, T 12N, R 26E, 1/4 M.P.R. owned by appropriators

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal if used for irrigation: A pump jack with an electric motor or a windmill located in the NE corner of Section 12, T 12N, R 26E

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 1910

8. The depth of water table: 40 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: A dug well, 5-foot hole, 60 feet deep

10. The estimated amount of groundwater withdrawn each year: 356,000 gallons

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: not applicable

Signature of Owner: Andrew and Susan Sharkey
Date: July 1, 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 Appropriate
<table>
<thead>
<tr>
<th>20011</th>
<th>#134</th>
</tr>
</thead>
</table>

**STATE OF MONTANA,**

**County of Petroleum.**

Filed **February 2, 1912**

at 3:00 o'clock A.M.

Valma R. Morten

County Recorder.

Delora Donn

...
### 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**

- **State Engineer**
- **County:** Petroleum

**Owner:**

- **Name of Appropriator:** Tony Melekuah, Jr.
- **Address:** Winnet, Montana
- **State of:** Montana

I, Tony Melekuah, Jr., of Winnet, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

#### Declaration Details:

1. **Date or approximate date of earliest beneficial use:**
   - **Date or approximate date of earliest beneficial use:** Jan 3, 1968

2. **The beneficial use on which the claim is based:**
   - **WATERING LIVESTOCK AND DOMESTIC USE**

3. **Date or approximate date of earliest beneficial use, and how continuous the use has been:**
   - **1910, in March, I believe, in use daily**

4. **The amount of groundwater claimed (in miner's inches or gallons per minute):**
   - **CONTINUOUSLY PUMPED, TWO INCH PIPE**

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

6. **The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:**
   - **1/2 HP ELECTRIC MOTOR ON CYLINDER PUMP**

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

8. **The depth of water table:**
   - **50 FT - DEEP, DUG WELL**

9. **So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:**
   - **ABOVE SHOWN**
   - **NOT KNOWN**

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

11. **The log of formations encountered in the drilling of each well if available:**
    - **THROUGH SAND ROCK ABOUT ALL THE WAY DOWN**

12. **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 KNOWN**

**Signature of Owner:** Tony Melekuah, Jr.

**Date:** Dec 31, 1968

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 Owner.
STATE OF MONTANA
County of Petroleum,

Filed, DEC 31 1963
at 3:00 o'clock P.M.

Donny L. Dingel
Director of Records

2.3 Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Nebraska Feeding Company, of 703 Livestock Exch. Bldg., Omaha,
   County of Douglas, State of Nebraska

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

   N
   W
   S

   NE 4, NE Sec 1, T 12 N, R 26 E
   Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      - May, 1950
      - used each year since

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

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

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
      - Pumped by gas motor:
      - location NE 4, NE Sec 1, T 12 N, R 26 E

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      - Begun and completed May, 1950

   8. The depth of water table
      - Water rises to within 20 ft. of ground level.

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
      - The well has a 6 in. casing to 100 ft. and pipe to 140 ft.

   10. The estimated amount of groundwater withdrawn each year
      - 50,000 gal.

   11. The log of formations encountered in the drilling of each well if available
      - 0-5 ft. top soil; 2-5 ft. hard gray sandstone; 35-50 ft. medium gray shale; 50-125 ft. gray sandstone; 125-140 ft. gray water-bearing sandstone.

   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
      - This is well number 7 and is listed on the map of the Nebraska Feeding Company Ranch that is in the possession of the ranch foreman.

   Signature of Owner: __________________________
   Date: June 22, 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,
County of Petroleum,
Filed Aug 1, 1962
at 9:25 o'clock A.M.

Selma R. Merten
County Recorder.
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Owner</th>
<th>Gordon V. Iwanoff</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>1215 North 10th Street, Great Falls, Montana</td>
</tr>
<tr>
<td>Driller</td>
<td>Bill T. Perry</td>
</tr>
<tr>
<td>Address</td>
<td>Box 800, Great Falls, Montana</td>
</tr>
<tr>
<td>Date Notice of Appropriation of Groundwater</td>
<td>Oct 18, 1966</td>
</tr>
<tr>
<td>Date Well Started</td>
<td>Oct 18, 1966</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Oct 21, 1966</td>
</tr>
<tr>
<td>Type of Well</td>
<td>Drilled</td>
</tr>
<tr>
<td>Equipment Used</td>
<td>Rotary</td>
</tr>
<tr>
<td>Water Use</td>
<td>Domestic</td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
</tbody>
</table>

| Static Water Level for non-flowing Well | 104 feet |
| Shut-in Pressure for Flowing Well | 135 feet |
| Pumping Water Level | 50 feet |
| Discharge in gal. per min. of flowing well | 45 gal. |
| Remarks | Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other pertinent information, including number of acres irrigated, if used for irrigation. |

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.

Driller's License Number: 5577

Driller's Signature: Gordon Iwanoff
STATE OF MONTANA,
County of Petroleum
Filed May 8, 1967
at 3:00 o'clock P.M.

Bonny L. Dengel
Director of Records

Dave Cassells
Deputy

Filed #291
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

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

1. John J. Hughes
   (Name of Appropriator)

County of Petroleum
   (State of Montana)

Address
   (Town)

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   Probably 1900 or before, when the land was homesteaded

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   Three (3) 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, except for garden in connection with the home

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Before we became the owners of the premises

8. The depth of water table
   About 12 to 15 feet to gravel which is approximately ten feet thick

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
   Two are drilled wells, with casing through gravel, and one is a dug well, rocked up

10. The estimated amount of groundwater withdrawn each year
    Varies according to needs for stock kept at home and family use

11. The log of formations encountered in the drilling of each well if available
    Not known except as shown above, we did not dig them originally

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 known, we recently purchased the place, and took it as we found it

Signature of Owner
   John J. Hughes

Date
   Feb. 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.
STATE OF MONTANA,
County of Petroleum.

Filed FEB 7 1962 by
at 3:35 o'clock P.M.

Velma R. Martin
County Recorder.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Nebraska Feeding Company of 701 Livestock Exch., Bldg., Omaha
   County of Douglas
   State of Nebraska
   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 ____________________________

3. Date or approximate date of earliest beneficial use; and how continuous the use has been ____________________________
   June 25, 1951; used each year since ____________________________

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ____________________________
   Pumped by windmill ____________________________
   Location SE SW Sec. 25 T. 12 W. R. 26 E ____________________________

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater ____________________________
   Construction started June 11, 1951 and completed June 14, 1951 ____________________________

8. The depth of water table ____________________________
   40 feet ____________________________

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater ____________________________
   6 in. casing depth of well 145 ft. ____________________________

10. The estimated amount of groundwater withdrawn each year ____________________________
    520,000 gal. ____________________________

11. The log of formations encountered in the drilling of each well if available 0-60 ft. old well, top ______
    soil, sandy gray shale; 60-73 ft. gray shale; 73-135 ft. gray sandstone; ______
    135-145 ft. gray shale, ____________________________

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record ____________________________
    This is well number 12 as is listed on the map of the Nebraska Feeding Company Ranch that is in the possession of the ranch foreman.
    Nebraska Feeding Company ____________________________
    Signature of Owner ____________________________
    Date June 22, 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,
County of Butte.

Filed Aug 7, 1962
at 9:00 o'clock A.M.

Selma R. Myster
County Recorder
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: Nebraska Feeding Company, 4701 Livestock Exch. Bldg., Omaha, Nebraska
   Address: 4701 Livestock Exch. Bldg., Omaha, Nebraska
   Town: Omaha, Nebraska
   County: Douglas, State of Nebraska

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

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 22, 1951, used each year since.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 6 gal. per min.

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

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Pumped by gas motor, location: NE T. 26 N., R. 26 E., Sec. 27.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Construction started June 15, 1951 and completed June 22, 1951.

   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: 6-in. casing to depth of 203 ft.

   10. The estimated amount of groundwater withdrawn each year: 520,000 gal.

   11. The log of formations encountered in the drilling of each well if available: 0-5 ft., top soil; 5-20 ft., hard grey sandstone; 20-65 ft., medium grey shale; 65-126 ft., grey red sandstone; 126-165 ft., grey water bearing sandstone.

   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: This is well number 10 as is listed on the map of the Nebraska Feeding Company Ranch that is in the possession of the ranch foreman.

   Signature of Owner:

   Date: June 22, 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,
County of Petroleum.

Filed Aug 1, 1949
at 9:10 o'clock, A.M.

Selma R. Marten
County 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>Name of Approporator</th>
<th>Address</th>
<th>Town</th>
<th>County</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>John J. Hughes</td>
<td></td>
<td>Roundup, Montana</td>
<td>Petroleum</td>
<td>Montana</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Number of Square</th>
<th>N</th>
<th>E</th>
<th>W</th>
<th>S</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

1. Name of Approporator: John J. Hughes
2. Town: Roundup, Montana
3. County: Petroleum
4. State: Montana

The beneficial use on which the claim is based:

- stock water
- probably 1000 gallons per minute when the land was homesteaded
- probably three gallons per minute with pump in well, may produce more if larger pump is used
- stock water
- by use of pump and windmill

5. Date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
- dug well, in the homesteading days
- as above

6. The depth of water table:
- about 30 feet deep to gravel, about ten feet thick
- as above

7. The estimated amount of groundwater withdrawn each year:
- 15,000 gallons, or as needed for stock in pasture
- as above

8. The log of formations encountered in the drilling of each well if available:
- not known, except as above, ordinary dirt to gravel
- as above

9. Such other information of a similar nature as may be useful in carrying out the policy of this act:
- observe, did not find any recording data

Signature of Owner: John J. Hughes
Date: Feb. 7th 1952

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 Approporator.
STATE OF MONTANA
County of Petroleum.
Filing: FEB 7, 1962
at 3:30 o'clock P.M.

Velma R. Morton
County Recorder

Velma Deim
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been...
      Sept. 22, 1961;
      used each year since ________________________________

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

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

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ...
      Pump run by electric motor;
      Location SE 1/4 NW 1/4, Sec. 2, T. 12 N., R. 26 E.

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

   8. The depth of water table ...
      Water rises to 15 feet from top of ground.

   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 in. casing down 55 feet; well is 65 feet deep.

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

   11. The log of formations encountered in the drilling of each well if available ...
      0-5 ft. top soil; 5-6 ft. gravel; 8-22 ft. hard, sandy clay;
      22-65 ft. sticky clay, sandy shale, sandstone and clay.

   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record ...
      This well is number 3 as listed on map of the Nebraska Feeding Company Ranch in the possession of the ranch foreman.

       ________________________________
       Signature of Owner ________________________________
       Date June 22, 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

County of Petroleum

Filed Aug 1, 1962

at 9:45 a.m.

Helma R. Merten
County Recorder
### Water Well Log

**Owner:** Nebraska Feeding Company  
**Address:** Winnett, Montana

**Driller:** W.L. Livingston Estate  
**Address:** Winnett, Montana

**Date Started:** Sept. 18, 1961  
**Date Completed:** Sept. 21, 1961

**Location:** Sec. 2 T. 12 R. 26 1/4 sec. W6NE

---

**Type of well:** Drilled  
**Equipment used:** Rotary (Aug., driven, bored, or drilled)

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

**Casing:**  
- 0 ft. to 63 ft. Type: 22 ga. schedule E2
- Casing: ft. to ft. Type: Size
- Casing: ft. to ft. Type: Size

**Perforated or screened:**  
- Ft. 38 to Ft. 63  
- Ft. to Ft.

**Type of screen or perforations:** Factory perforations

**Static water level, for non-flowing well:** 12 feet.

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

**Pumping water level:** 40 feet at 5 gal. per min.

**How tested:** Balast

**Length of test:** 1 1/2 hours

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

(over)
<table>
<thead>
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<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
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</thead>
<tbody>
<tr>
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<tr>
<td>8</td>
<td>22</td>
<td></td>
<td>Gravel</td>
</tr>
<tr>
<td>22</td>
<td>60</td>
<td></td>
<td>Hard sandy clay</td>
</tr>
<tr>
<td>60</td>
<td>65</td>
<td></td>
<td>Sticky clay, sandy shale, sandstone and clay</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Shale</td>
</tr>
<tr>
<td>Sec.</td>
<td>Name of Appropriator</td>
<td>Type of Form</td>
<td>County File No.</td>
</tr>
<tr>
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<tr>
<td>3</td>
<td>Wiegens, Stanley</td>
<td>G.W.2</td>
<td>36557</td>
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<td>John Ko, James R.</td>
<td>G.W.1</td>
<td>27198</td>
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<td>John Ko, Jim</td>
<td>G.W.2</td>
<td>27148</td>
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<td>John Ko, Mary &amp; Lois</td>
<td>G.W.4</td>
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<td>Mill Log</td>
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<tr>
<td>6</td>
<td>John Ko, Ann &amp; Lois</td>
<td>G.W.4</td>
<td>19985</td>
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<td>&quot;</td>
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<td>&quot;</td>
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<td>17</td>
<td>Nebrex Feeding Co.</td>
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<td>Bickel, Harcoe J.</td>
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<tr>
<td>23</td>
<td>Nebrex Feeding Co.</td>
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<td>20103</td>
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</table>
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner: Stanley Wiggins
Address: Winnett, Montana

Driller: George C. Singley
Address: Lewistown, Montana

Date of Notice of appropriation of groundwater: None

Date well started: June 1, 1970
Date completed: June 2, 1970

Type of well: "Drilled"
Equipment used: Rotary
(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>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
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<tbody>
<tr>
<td>4-5/8</td>
<td>2-3/4</td>
<td>0</td>
<td>176</td>
<td>250</td>
</tr>
<tr>
<td>16OD4ID</td>
<td>Above</td>
<td>200</td>
<td>5/16</td>
<td>180</td>
</tr>
<tr>
<td>Plastic</td>
<td></td>
<td>holes</td>
<td></td>
<td>(Foot)</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 65 feet.
Shut-in Pressure for Flowing Well None.
Pumping Water Level 105 feet at 20 gal. per minute.
Discharge in gal. per min. of flowing well None.

How Tested: Air
Length of Test: 1/2 hr.
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Show exact depth of bottom.

Driller's License Number
Driller's Signature
NOTICE OF APPROPRIATION OF GROUNDWATER

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

After filing a notice of appropriation, in order to acquire a right based thereon, the person must, within ninety (90) days, commence actual excavation and diligently prosecute construction of a well and, upon its completion, file a notice of completion with the County Clerk of the county in which the appropriation is located.

Three copies of this notice are to be filed 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 may be returned.

1. Name of Appropriator: James R. Johnson
   Address: Box 115, Winnett
   State of Montana, County of Petroleum, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is:
   (describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed:
   (gallons per minute (gpm) or inches per minute (impm))

4. The annual period (inclusive dates) of intended use:
   May to Nov.

5. The probable or intended date of first beneficial use:
   3/1/72

6. The probable or intended date of commencement and completion of the well* or wells*:
   3/1/72

7. The location, type, size and depth of well or wells contemplated:
   Drilled, 5"., 7200 depth

8. The probable or estimated depth of the water-table or artesian aquifer:
   160'

9. The name, address, and license number of the driller engaged:
   George O. Singley, Rte. 2, Box 4, Lewistown, Mont. License #19

10. Give such other similar information as may be useful in carrying out the policy of this act:

For Administrator's Use:

File received: 2/24/72

Plat received: 3/1/72

Signature of Appropriator: James R. Johnson
   Date: 3/24/72

* Defined in the Code Sec. 1 (b) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be or through which it flows under natural pressures or is artificially withdrawn.
NOTICE OF APPROPRIATION OF GROUNDWATER

After filing a notice of appropriation, in order to acquire a right based thereon, the person must, within ninety (90) days, commence actual excavation and diligently prosecute construction of a well and, upon its completion, file a notice of completion with the County Clerk of the county in which the appropriation is located.

Three copies of this notice are to be filed 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 may be returned.

1. James A. Johnson, of Post, Winner
   (Name of Appropriator) (Address) (Town)

   County of Chouteau, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is Cattle, livestock water

3. The rate of use in gallons per minute or miner's inches of groundwater claimed
   70,000 gpm

4. The annual period (inclusive dates) of intended use May 26 & 27

5. The probable or intended date of first beneficial use 11/21

6. The probable or intended date of commencement and completion of the well(s) or wells
   11/21

7. The location, type, size and depth of well or wells contemplated
   Drilled, 6"; 200' depth

8. The probable or estimated depth of the water-table or artesian aquifer 150'

9. The name, address, and license number of the driller engaged George Singler

10. Give such other similar information as may be useful in carrying out the policy of this act

For Administrator's Use

File

Signature of Appropriator: James A. Johnson

Date: 11/11/21

*As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.
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: Jim Joinke
Address: Winnett, Montana
Driller: George O. Singley
Address: Lewistown, Montana

Date of Notice of appropriation of groundwater: None
Date well started: May 12, 1972
Date completed: May 16, 1972

Type of well drilled: 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.

Show exact depth of bottom.

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  

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

1. Otto Johnke and Lois Johnke
   (Name of Appropriator) (Address) (Town)

   County of Petroloum State of Montana

   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

<table>
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<tr>
<th>N</th>
<th>E</th>
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</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
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</tbody>
</table>

2. The beneficial use on which the claim is based. _stock water and irrigation_.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. _May, 1942, and continuously thereafter_.

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. _5 acres; Section 5, Township 12 North, Range 27 East, M.T.A., owned by appropriators._

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. _pump, tank and motor, located in Segment 3 of Section 5-12-27._

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 May of 1942._

8. The depth of water table. _approximately 1861._

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. _approximately 1861; 68 casing discharging into stock tank and across lands to be irrigated._

10. The estimated amount of groundwater withdrawn each year. _200,000 gallons._

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

   
   Signature of Owner. _Lorie Johnke_
   Date. _January 30, 1962._

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

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

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

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

Otto Johnke and Lois Johnke, of Winnett, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. The beneficial use on which the claim is based: stock water and irrigation.

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: May, 1951 and continuously thereafter.

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

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

5. The means of withdrawing such water from the ground and the location of each well or the general specifications of any other works for the withdrawal of groundwater.

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Commenced and completed in May of 1951.

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

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

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

Signature of Owner: Lois Johnke
Date: January 25, 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.
## WATER WELL LOG

**Owner:** Mabel E. Redd  
**Address:** Winnett, Mont.

**Driller:** Fred Hansen  
**Address:** Flatwillow, Mont.

**Date Started:** 1914  
**Date Completed:** 1914

**Location:** Sec. 6  
**T.** 12  
**R.** 27  
**4 sec.** SW

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

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<tr>
<th>Water use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
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</thead>
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<tr>
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<td></td>
<td>X</td>
<td></td>
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<th>Casing:</th>
<th>ft. to ft.</th>
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<th>Size.</th>
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<th>Type.</th>
<th>Size.</th>
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<th>Ft. to Ft.</th>
</tr>
</thead>
</table>

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

---

### Other
- **Type of screen or perforations:**

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

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

**Pumping water level:** 35 feet at 30 gal. per min.

**How tested:** timed

**Length of test:** 1 hour

---

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 – 50</td>
<td>sand and gravel</td>
</tr>
<tr>
<td>50 – 100</td>
<td>sandrock</td>
</tr>
</tbody>
</table>
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Mabel L. Redd
Address: Winnett, Montana

Driller: O. H. and Rex Redd
Address: Winnett, Montana

Date Started: June 7, 1954
Date Completed: June 14, 1954

Location: Sec. 6 T. 12 R. 27 1/4 sec. Winnett. Orig. Lot. 12 Block 4

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Bored</th>
<th>Equipment used: Hand Auger</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft to 16 ft</th>
<th>Type: Aluminum</th>
<th>Size: 9 inches</th>
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</thead>
</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 to Ft</th>
<th>Ft to Ft</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations:</th>
</tr>
</thead>
</table>

Static Water level, for non-flowing well: feet

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

Pumping water level: 9 feet at 13 gal. per min.

How tested: Timed

Length of test: 30 minutes

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

(over)
<table>
<thead>
<tr>
<th>Depth</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>15</td>
<td></td>
<td>Gumbo</td>
</tr>
<tr>
<td>15</td>
<td>16</td>
<td></td>
<td>Gravel</td>
</tr>
</tbody>
</table>
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana
STATE ENGINEER

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mabel E. Pegg</td>
<td>Winnetty, Mont.</td>
</tr>
<tr>
<td>Driller</td>
<td>Address</td>
</tr>
<tr>
<td>Fred Hanson</td>
<td>Flatwillow, Mont.</td>
</tr>
<tr>
<td>Date Started</td>
<td>1914</td>
</tr>
<tr>
<td>Date Completed</td>
<td>1919</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 6 T. 12 R. 27 ¼ sec. NW</td>
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</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>(Dug, driven, bored, or drilled)</td>
</tr>
</tbody>
</table>

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

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<thead>
<tr>
<th>Casing:</th>
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<tbody>
<tr>
<td>0 ft. to 90 ft.</td>
<td>Galvanized</td>
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<tr>
<td>Size: 6&quot;</td>
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</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ft. to ft.</td>
<td></td>
</tr>
<tr>
<td>Type:</td>
<td></td>
</tr>
<tr>
<td>Size:</td>
<td></td>
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<tr>
<th>Perforated or Screened:</th>
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</thead>
<tbody>
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<td>Ft. to Ft.</td>
<td></td>
</tr>
<tr>
<td>Type of screen or perforations:</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>feet.</th>
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</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>35 feet at 23 gal. per min.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
<th>timed</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Length of test:</th>
<th>1 hour</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Remarks:</th>
<th>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
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<tr>
<td></td>
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<th>Description of Material Drilled</th>
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<td>sand and gravel</td>
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<td>60 - 90</td>
<td>sandrock</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)

1. Otto Johnke and Leo Johnke
   (Name of Appropriator) of
   (Address) (Town)
  County of Petroleum State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   May, 1937, and continuously thereafter.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   Sec. 6, Township 12 North, Range 27 East, N.R.W., owned by appropriators.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Well and pump, located in NE corner of the SE1/4 of Sec. 6 of Section 5-12-27.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   Completed and completed May of 1937.

8. The depth of water table:
   Approximately 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:
   Approximately 100 feet of 6" casing discharging into 12" pipe, thence into stock tank and across lands to be irrigated.

10. The estimated amount of groundwater withdrawn each year:
    36,500 gallons.

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:
    Not applicable.

Signature of Owner: Otto Johnke
Date: January 1, 1962.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA,
County of [Redacted].

Filed Jan 26 [Redacted]
at 9:30 o'clock A.M.

Selma R. [Redacted]
County Recorder.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Otto Johnke and Lotte Johnke
   (Name of Appropriator)
   (Address) (Town)
   County of: Petroleum
   State of Montana

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

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been...May, 1914, and continuously thereafter...

   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...submersible pump...located in SW corner of the SW1/4 of Section 6-12-27.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...Commenced and completed May of 1914.

   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...Approximately 103 feet of 6" casing discharging into 1½ pipe, thence into stock tank and across lands to be irrigated...

   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...not applicable.

   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 School of Mines an" Quadruplicate for the A-propriator.
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

1. Otto Johnke and Lois Johnke
   (Name of Appropriator)
   (Address)
   (Town)

   of

   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: Stock water and irrigation.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Approximately April of 1953, and continuously thereafter.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 92 gallons per minute.

   5. If used for irrigation, give the area and description of the lands to which water has been applied and name of the owner thereof. SE 1/4 NW 1/4, Section 7, Township 12 North, Range 27 East, M.P.N., owned by appropriators.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Pump and electric motor. Located in SE 1/4 NW 1/4 of Section 7, Township 12 North, Range 27 East.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Commenced and completed April 12, 1953.

   8. The depth of water table: Approximately 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: Approximately 56 feet of 8" casing discharging into 14" pipe, then into stock tank, and across lands to be irrigated.

   10. The estimated amount of groundwater withdrawn each year: 152,000 gallons.

   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: Not applicable.

   Signature of Owner: Otto Johnke
   Date: January 12, 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 Appropriate.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Otto Johnke and Lois Johnke
   (Name of Appropriator)
   Minnetta
   (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 water
      and irrigation.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      Approximately May of 1916, and continuously thereafter.

   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
      Stock and irrigation lands located in NE 1/4 Sec. 7, T.12N. R.27W.

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      Completed and completed May of 1916.

   8. The depth of water table
      Approximately 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
      Pumping station discharging into 14" pipe, thence into stock tank and across lands to be irrigated.

   10. The estimated amount of groundwater withdrawn each year
       93,000 gallons.

   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
       not applicable.

   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 School of Mines and Quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Otto Johnke and Lois Johnke

(Name of Appropriator) (Address) (Town)

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

1. The beneficial use on which the claim is based: Stock water and irrigation.

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: October 1, 1962, and continuously thereafter.

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 15 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: [Description of lands]

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

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

7. The depth of water table: [Approximately 4 feet]

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: [Specifications of wells or other works]

9. The estimated amount of groundwater withdrawn each year: [7,881,000 gallons]

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

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: [Reference to county record]

Signature of Owner: Otto Johnke

Date: January 27, 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.