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) (Address) (Town)
County of Carter State of Montana

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

2. The beneficial use on which the claim is based: \( \text{Irrigation} \)

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: \( \text{Dec. 20, 1961} \)

4. The amount of groundwater, elapsed (in miner's inches or gallons per minute): \( \text{3 gpm} \)

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: \( \text{20 acres, Town of Carter} \)

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: \( \text{Well No. 1} \)

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: \( \text{1962} \)

8. The depth of water table: \( \text{30 feet} \)

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: \( \text{Spring} \)

10. The estimated amount of groundwater withdrawn each year: \( \text{30 gpm} \)

11. The log of formations encountered in the drilling of each well if available: \( \text{Sandstone} \)

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: \( \text{Well record book, page 123} \)

Signature of Owner: \( \text{Cherry M. Walker} \)
Date: \( \text{February 10, 1962} \)

This form must 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.

Submit to the County Clerk and Recorder, Duplicate to the State Engineer, Duplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
Filed for Record

Dec 5, 1953

Jane M. Brewster

(Clerk)

(Signed)

Fee: $2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Frank R. Miss
(Name) Appraiser
(Address)
(Town)

County of Carter
State of Montana

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

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 9/11/61, continuous to date

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 9/11/61

8. The depth of water table: 10 foot

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: machine excavation -- four inch corrugated pipe -- two inch pipe to carry water to stock tank

10. The estimated amount of groundwater withdrawn each year: 1,211,200 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: none

Signature of Owner: Frank R. Miss
Date: 12-27-63

This form must 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 to state, otherwise the form will be returned.

Duplicate to the County Clerk and Recorder; Duplicate to the State Engineer; Tripplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appraiser.
Filed for Record

1:40 P.M.

Jane M. Brewster

Fee: $2.00
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Frank H. Nisa
(Name of Appropria tor)  | De kal a k a
(Address)  | (Town)

County of Carter  | State of Montana

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

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

3. Date or approximate date of earliest beneficial use: 8/14

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: hand pump -- 2 inch pipe

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 8/14

8. The depth of water table: 90 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 pump with 2 inch pipe

10. The estimated amount of groundwater withdrawn each year: 1 million 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: none

Signature of Owner: Frank H. Nisa
Date: 12-27-63

This form must 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 Appropria tor.
<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>James F. Bliss</td>
</tr>
<tr>
<td>Driller</td>
<td>Kerle R. Bundy</td>
</tr>
<tr>
<td>Date Started</td>
<td>6-16-61</td>
</tr>
<tr>
<td>Date Completed</td>
<td>6-19-61</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 27, Sec. 37</td>
</tr>
<tr>
<td>Type of well</td>
<td>Dug</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Rotary drill</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic</td>
</tr>
<tr>
<td>Casing</td>
<td>0 ft. to 212 ft.</td>
</tr>
<tr>
<td>Casing</td>
<td>4 ft. to 6 ft.</td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td>0 ft. to 146 ft.</td>
</tr>
<tr>
<td>Static Water level</td>
<td>104 ft.</td>
</tr>
<tr>
<td>Shut-in pressure</td>
<td>138 lb. sq. in.</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>146 ft. at 6 gal. per min.</td>
</tr>
<tr>
<td>How tested</td>
<td>Pumped</td>
</tr>
<tr>
<td>Length of test</td>
<td>1 hr.</td>
</tr>
<tr>
<td>Remarks</td>
<td></td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
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<tr>
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<tr>
<td>248</td>
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<tr>
<td>250</td>
<td></td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws 1961)

1. (Name of Appropriate) (Address) (Town)

County of ______________ State of ______________

I have appropriated groundwater according to the Montana laws in effect prior to January 1, 1902, 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: ____________________________

This form must 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.

ATTACHED 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
(Under Chapter 237, Montana Session Laws, 1961)

1. (Name of Appropriator) (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.

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

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

5. If used for irrigation, give the average 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 such 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: Dec 30, 1965

This copy is 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 this form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplieate to the Montana Bureau of Mines and Geology; and Quadtriplicate to the Appropriator.
Private Water Conservation Board

File No. ____________

Date: ____________

County: ____________

TRIPLICATE

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) of (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. [Resident]

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

4. The amount of groundwater claimed (in cubic feet or gallons per minute).

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.

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 references to book and page of any county record.

Signature of Owner ____________________________

Date: ____________

This copy 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.
CARTER COUNTY
MINA, MONTANA
File no. Record
d. 9:40
DEC 3 1965

County Clerk
Deputy

7-3-66  2.00
Notice of Completion of Groundwater Appropriation Without Well

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

Date of Appropriation of Groundwater: Prior to 1937

Owner: E. R. Heggen Address: Kalaka, Montana

Contractor (if any)

Address of Contractor

Date Started: Prior to 1937 Date Completed: Prior to 1937

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring - Spring flows 30 gallons per minute, 7,976,000 gallons per year.

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

Flow in gallons per minute: 7,976,000 gallons per year.

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

NE 1/4 NW Sec 30 T 2N R 59E

Signature of Owner: E. R. Heggen

Date: December 23, 1963

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

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

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

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

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

United States Government

1. United States Government
   of Montana
   (Name of Appropriator)
   (Address)
   (Town)
   County of Harding State of South Dakota
   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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Before 1938 and continuous thereafter.

   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 not applicable.

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

   Collection system, pipe and stock watering tank.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1938 or before, exact date not known.

   8. The depth of water table. Surface.

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Water is at the surface. It is collected and put into a 1 1/2" pipe which feeds into an 8" diameter stock watering tank.

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

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

   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. Spring recorded as developed in 1938 in U. S. Forest Service records at Camp Creek, South Dakota.

   C. S. Forest Service
   Signature of Owner: [Signature]
   District Ranger
   Date: 6-30-62

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.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>1</td>
<td>TRAWEER, THOMAS E</td>
<td>GW-4</td>
<td>113424</td>
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<td>3</td>
<td>MOSER, W.R.</td>
<td>GW-4</td>
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<td>4</td>
<td>MOSER, W.R.</td>
<td>GW-2</td>
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<td>WELCH, Ted</td>
<td>GW-2</td>
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<td>21</td>
<td>JARDEE, Delbert</td>
<td>Water Well</td>
<td>12-76</td>
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<td>22</td>
<td>JARDEE, Ivan R</td>
<td>Recent History</td>
<td></td>
<td></td>
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<td>27</td>
<td>JARDEE, Ivan</td>
<td>GW-4</td>
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<td>KLUGER, Albert</td>
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<td>NIES, FRANK H.</td>
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<td>NEWBURY, Mrs. Anna</td>
<td>GW-4</td>
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<td>NEWBURY, Mrs. Anna</td>
<td>GW-4</td>
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<td>NEWBURY, Wilton</td>
<td>GW-4</td>
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<tr>
<td>35</td>
<td>JARDEE, Ivan</td>
<td>Water Well</td>
<td>13-333</td>
<td></td>
</tr>
</tbody>
</table>
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

Thomas B. Traveek, of Webster

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:** Livestock Water

2. **Date or approximate date of earliest beneficial use; and how continuous the use has been:** January 1, 1960 - Continuously

3. **The amount of groundwater claimed (in miner's inches or gallons per minute):** Four (4) 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:** Not Applicable

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

6. **The depth of water table:** Not Applicable

7. **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:** Not Applicable

8. **The estimated amount of groundwater withdrawn each year:** 2,100,400 Gallons

9. **The log of formations encountered in the drilling of each well if available:** Not Applicable

10. **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: Thomas B. Traveek

    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.
Filed for Record

[Signature]

Dec 31 1923

Jane M. Brewster

[Signature]

Fee: $2.00
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

## W. R. Moser

- **County:** Carter
- **State:** Montana

### Declaration:

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

### Points of Appropriation:

<table>
<thead>
<tr>
<th>N</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
<td></td>
</tr>
</tbody>
</table>

**Notes:**

- **ERIE Sec. 3, T. 28, R. 60 E.,
  W. 3/4 Sec. 33 N. T. 28 R. 60 E.**

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

### Declaration Details:

1. **Type of Use:**
   - Stock water and household use

2. **Date of Beneficial Use:**
   - December, 1911

3. **Amount of Groundwater Claimed:**
   - 10.0 gpm per minute for each one

4. **Irrigation or Other Use:**
   - None except small garden space

5. **Location of Wells:**
   - In **ERIE Sec. 3, T. 28, R. 60 E.**

6. **Means of Withdrawal:**
   - Groundwater is withdrawn from the ground and the location of each well or other means of withdrawal is as follows:
   - **Following springs on ERIE Sec. 3, T. 28, R. 60 E.**

7. **Date of Commencement and Completion:**
   - Does not apply

8. **Depth of Water Table:**
   - D fast for both springs and well is 1/0 feet

9. **Formation Details:**
   - Spring well: doesn’t apply

10. **Estimated Amount Withdrawn:**
    - 10,512,000 per yr. for both springs and well.

11. **Log of Formations:**
    - Doesn’t apply

12. **Other Information:**
    - Includes reference to book and page of any county record

**Signature of Owner:**

Date: Dec. 27, 1961

---

This form to be filled by the owner with the County Clerk and Recorder of the county in which the well is located.

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

Print name and address of claimant. Duplicate to the State Engineer. Duplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
Filed for Record

4/30 - L.M.

[Signature]

Deposit

Fa. $200
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: W. R. Moser  
Address: Mill Iron, Mont.

Driller: Henry Bryant  
Address: Ekalaka, Mont.

Date of Notice of Appropriation of Groundwater: June 17, 1961
Date well started: June 22, 1961

Type of well:  
Equipment Used:  
(dug, driven, bored or churn, drill, rotary or drilled)

Water Use:  
Domestic  
Municipal  
Other  
Irrigation  
Industrial  
Drainage  
Stock

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Perforations</th>
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</thead>
<tbody>
<tr>
<td>5 ²/₅₂ ²/₅₂</td>
<td>1 ²/₅₂ per ft.</td>
<td>0</td>
<td>1 ²/₅₂</td>
<td>round hole 1/²/₅₂</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 60 feet.
Shut-in Pressure for Flowing Well:...
Pumping Water Level: 60 feet at 12 gal. per minute.
Discharge in gal per min. of flowing well:...
How Tested:  
Length of Test: 2 hour

Remarks: (Gravel packing, cementing, packer, 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:)

<table>
<thead>
<tr>
<th>W M</th>
<th>1 ²/₅₂</th>
<th>2 ²/₅₂</th>
<th>3 ²/₅₂</th>
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</tr>
</tbody>
</table>

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

Show exact depth of bottom.

Driller's License Number: [Signature]

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

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

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

10:15 A.M.

NOV 12 1993

Jane M. Brewster
County Clerk

Fee: $2.00
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner: John R. Wiemer

Address: 1718 N. 14th St.

Contractor (if any)

Address of Contractor

Date Started: 12-10-62
Date Completed: 1917

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

Springs developed & flowing

Water Continually

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

Signature of Owner: John R. Wiemer
Date: 12-10-62

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

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

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

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

DEO 19 993

Date 9 M 200
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

F. Z. Moser  
Mill Iron, Montana

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

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: 6 years, continuous stock watering.

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

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

6. The means of withdrawing such water from the ground and the location of each well or other works for withdrawal does not apply.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: does not apply.

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: does not apply.

10. The estimated amount of groundwater withdrawn each year: 5,250,000 gal. yr.

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

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: does not apply.

Signature of Owner: 
Date: Dec. 27, 1961

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

Please answer all questions. If not applicable, 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**
   - W. E. Moser

2. **Address**
   - Hill Iron Montana

3. **County of Appropriator**
   - Carter

4. **State of Appropriator**
   - Montana

5. **Date of Appropriation**
   - January 1, 1962

6. **Beneficial Use**
   - Stock Water

7. **Date of Earliest Beneficial Use**
   - 3 years

8. **Amount of Groundwater Claimed**
   - 10 gal. per minute

9. **Irrigation Details**
   - Acreage: 10
   - Description: None

10. **Means of Withdrawal**
    - Clogging spring

11. **Depth of Water Table**
    - 6 feet

12. **Formation Details**
    - Log of formations: Available

13. **Estimated Annual Withdrawal**
    - 5,556,000 gal. per yr.

14. **Owner's Signature**
    - [Signature]

15. **Date of Signature**
    - Dec. 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 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)

W. R. Moser
(Name of Appropriate)

Mill Iron
(Mill Iron)

County of Carter
(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: watering livestock.

3. Date of approximate date of earliest beneficial use, and how continu- 1910 and continuously since then:

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 7 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: S SE 1/4 of 17, Sec. 16, T 23 N, R 60 E, 200 feet of 1½ inch pipe to two tanks 12 x 10'.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Completed in 1910 and used continuously since then.

8. The depth of water table: surface flow.

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: 10,512,000 gallons per year.

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

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

Signature of Owner: Dec. 31, 1963

This form 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.

ATTACH 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
STATE ENGINEER

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

Owner: Ted Welsh
Address: Mullan, Mont.

Driller: D. E. Baird
Address: Mullan, Mont.

Date of Notice of Appropriation of Groundwater: Apr. 6, 1962
Date Completed: June 21, 1962

Type of well: Drilled
Equipment Used: Rotary
(dig, driven, bored or Churn, drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

Top of Ground
(Elev. above sea level: .......)

0 - 60 Sand

60 - 80 Sand and Coal

80 - 100 Sand

100 - 205 Shale

205 - 220 Sand

220 - 250 Shale

250-262 Rock

252 - 410 Shale

410 - 420 Sand

420 - 429 Shale

Size Shead From To

4 27 4 29

Perforations

Kind Size From To

Holes 205 220

38C 429

Static Water Level for non-flowing Well: 62 feet.

Shut-in Pressure for Flowing Well: 

Pumping Water Level: feet at ___ gal. per minute.

Discharge in gal. per min. of flowing well: 

How Tested: Bail Length of Test: 4 hours

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

Water in very small quantities was encountered in the sand at 205 - 220. At about 90' encountered unusable red water.

Driller's License Number
Driller's Signature

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

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

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

72

Driller's License Number
Driller's Signature
<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>rotary</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(cement, bored, or drilled)</td>
<td>(Churn drill, rotary, other)</td>
<td></td>
</tr>
<tr>
<td>Water use:</td>
<td>Domestic</td>
<td>Municipal</td>
<td>Stock</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Industrial</td>
<td>Drainage</td>
<td>Other:</td>
</tr>
<tr>
<td>Casing:</td>
<td>0 ft. to 157 ft.</td>
<td>Type:</td>
<td>Size:</td>
</tr>
<tr>
<td></td>
<td>157 ft. to 290 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perforated:</td>
<td>Ft. to Ft.</td>
<td>Type:</td>
<td>Size:</td>
</tr>
</tbody>
</table>

Type of screen or perforations

Static Water level, for non-flowing well: ____________ feet.

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

Pumping water level: ____________ feet at ____________ gal. per min.

How tested: ____________

Length of test: ____________ hr.

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

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>20</td>
<td>yellow sand</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>90</td>
<td>dark sand</td>
<td></td>
</tr>
<tr>
<td>90</td>
<td>95</td>
<td>quick sand and water</td>
<td></td>
</tr>
<tr>
<td>95</td>
<td>100</td>
<td>green shale</td>
<td></td>
</tr>
<tr>
<td>100</td>
<td>117</td>
<td>light shale</td>
<td></td>
</tr>
<tr>
<td>117</td>
<td>139</td>
<td>hard rock</td>
<td></td>
</tr>
<tr>
<td>119</td>
<td>210</td>
<td>light shale</td>
<td></td>
</tr>
<tr>
<td>210</td>
<td>212</td>
<td>hard sand and rock</td>
<td></td>
</tr>
<tr>
<td>212</td>
<td>310</td>
<td>light shale</td>
<td></td>
</tr>
<tr>
<td>310</td>
<td>420</td>
<td>green shale</td>
<td></td>
</tr>
<tr>
<td>340</td>
<td>345</td>
<td>hard rock</td>
<td></td>
</tr>
<tr>
<td>345</td>
<td>350</td>
<td>hard sand and rock silt</td>
<td></td>
</tr>
<tr>
<td>350</td>
<td>360</td>
<td>light shale</td>
<td></td>
</tr>
</tbody>
</table>
May 13, 1968

Water Conservation Board
Water Resources Engineer
Sam W. Mitchell Building
Helena, Montana 59601

Gentlemen:

Enclosed you will find a copy of a release agreement concerning the
Patrick H. Byrd well, Well No. 1, Section 22, Township 2N, Range 60
East, transferring this well as a fresh water well to Ivan R. Jardae.

Yours very truly,

Nonaan J. Beaudry
Executive Secretary

NJB:al
Enclosure

APPROVED BY:

Oil and Gas Conservation Commission

Petroleum Engineer or Executive Secretary

Dated: April 22, 1968
OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF MONTANA

RELEASE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS, that I, Ivan R. Jordan

of the County of Carter

in the State of Montana, am the owner of the hereinafter described land upon which

a well for oil or gas was drilled, to-wit:

Operator Patrick N. Byrd

Lease Name Ivan R. Jordan, et al

Well No. 1 Sec. 22, Twp. 31, Rge. 60E

The well is located 660 feet E of the North

line and 660 feet S of the West

line.

That, in accordance with Regulation 233-6, Order No. 1-1, November 30, 1953,
I do hereby notify the Oil and Gas Conservation Commission of the State of Mont-

tana of my desire to utilize said well as a fresh water well; and, that if such
utilization is approved, I do hereby release and discharge the operator herein-

above named from any further work or responsibility in relation to the plugging

of said well.

WITNESS my hand and seal this 15 day of April 1968

In the presence of:

APPROVED BY:

Oil and Gas Conservation Commission

Petroleum Engineer of Executive Secretary

Dated: April 22, 1968

Receive

Secretary of State

Of the Office of the

Chief


General Rules and Regulations
Order No. 1-1, Nov. 30, 1953
Regulation 233.6

WELLS USED FOR FRESH WATER

When the well to be plugged may safely be used as a fresh water well, and such utilization is desired by the landowner, the well need not be filled above the required sealing plug set below fresh water; provided, that written notification of such utilization is secured from the landowner and filed with the Commission. Approval by the Petroleum Engineer of the work done shall relieve the operator of further responsibility.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. I. J. Anderson
   (Name of Appropriator) of Mill Iron, Carter County, Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
<th>E</th>
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</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 1957

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

   5. If used for irrigation, give the acreage and description of the lands to which water was applied and name of the owner thereof: 310 acres

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: July 1957

   8. The depth of water table: 100 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: Wells drilled 500 ft max. Hole 4 in. Steel Screen depth 200 ft

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

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

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

   Signature of Owner: I. J. Anderson
   Date: 12-12-63

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Encrypter: 'Record

2:15 P.M.

23-1835

Jane M. Brewster

[Signature]

[Handwritten notes]
<table>
<thead>
<tr>
<th>Owner</th>
<th>Albert Klauser</th>
<th>Address</th>
<th>Hill Iron, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Henry Pratt</td>
<td>Address</td>
<td>Kalispell, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>12/15/59</td>
<td>Date Completed</td>
<td>12/28/59</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 29</td>
<td>T 2 N  R 60 E  S 45 sec. 1W 5E</td>
<td></td>
</tr>
</tbody>
</table>

**Type of well:** Drilled  
**Equipment used:** Rotary  
**Water use:** Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ] Industrial [ ] Drainage [ ] Other:  

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 600 ft.</th>
<th>Type:</th>
<th>Black Tubing</th>
<th>Size:</th>
<th>4 in.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td>595 ft. to 720 ft.</td>
<td>Type:</td>
<td>Black Tubing</td>
<td>Size:</td>
<td>3 in.</td>
</tr>
<tr>
<td>Casing:</td>
<td>720 ft. to 960 ft.</td>
<td>Type:</td>
<td>Pressure Pipe</td>
<td>Size:</td>
<td>3 in.</td>
</tr>
</tbody>
</table>

| Perforated or Screened: | 3 ft. round hole |

| Static Water level, for non-flowing well: | 774 feet |
| Shut-in pressure, for flowing well: | 1 lb./sq. in. on: (date) |
| Pumping water level: | 770 feet at 60 gal. per min. |
| How tested: | Drilled and Pumped |
| Length of test: | 4 hrs. boiled 24 hrs. pumped |

**Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  
Black water shut off at 120-220 and 600 ft.
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>2</td>
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<td>2</td>
<td>6</td>
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<td>66</td>
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<td>439</td>
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<tr>
<td>439</td>
<td>562</td>
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<tr>
<td>562</td>
<td>621</td>
</tr>
<tr>
<td>621</td>
<td>654</td>
</tr>
<tr>
<td>654</td>
<td>672</td>
</tr>
</tbody>
</table>
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

**Frank H. Hies**  
of **Hidalgo**  
(Address)  
(Town)

County of **Carter**  
State of **Montana**

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

1. The name of the owner of the groundwater

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  
   **8/45**

4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
   **4 gallons/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  
   **3 acres**  
   **Frank H. Hies**

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  
   **8/15/45**

8. The depth of water table  
   **180 feet - 20 foot**

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 holes, 160 feet deep**

10. The estimated amount of groundwater withdrawn each year  
    **5 million 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 references to book and page of any county record

**Signature of Owner**:  
**Frank H. Hies**  
Date: **12-29-62**

This copy is 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.

**Duplicate to the County Clerk and Recorder. Duplicate to the State Engineer. Duplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.**

13900
Filed for Record

DEC 14 1927

Jane M. Brewster

Filed: $2.00
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>Carter</td>
<td>Montana</td>
</tr>
</tbody>
</table>

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) and the cause or by column or tube given.

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: Dec 19 1963

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

Duplicate to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Applicator.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

[Name of Appropriator]

(State of Montana)

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 pipes' inches or gallons per minute). 

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: 

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 books and pages of any county record:

Signature of Owner: 

Date: 

This declaration is to be recorded by the owner with the County Clerk and Recorder of the county in which the well is located.

This form must be signed by the owner. If not applicable, state otherwise the form will be returned.

Filed by the County Clerk and Recorder, Duplicate to the State Engineer, Duplicate to the Montana Bureau of Mines and Geology, for the Application for a certificate of location.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Wilton Fleurey
(Manufacturer)

(Millin
(Address)

County of
Butte
(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: This spring is used for watering livestock.

3. Date or approximate date of earliest beneficial use; and how continuously the use has been made: The spring was developed in 1904-1956 and has been continuously used.

4. The amount of groundwater claimed (in inches or gallons per minute): The spring has a flow of 1 gallon per minute, with each well and claim.

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, if any, as well as the point of application on the land:

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1904-1956.

8. The depth of water table: Not Known.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Not applicable, so spring.

10. The estimated amount of groundwater withdrawn each year: About 35,000 gallons.

11. The log of formations encountered in the drilling of each well if available: None from this spring, same from other formations.

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: Wilton Fleurey
Date: Dec 19, 1963

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

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

Dedicated 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.
**Form No. 13**

<p>| | | |</p>
<table>
<thead>
<tr>
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</table>

**T.** 2 North  **R.** 60 East

**County** Carter

**MONTANA BUREAU OF MINES AND GEOLOGY**
Butte, Montana

**WATER WELL LOG**

<p>| | | |</p>
<table>
<thead>
<tr>
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</thead>
</table>

**Owner** Ivan Jardes  **Address** Mill Iron, Montana

**Driller** Henry Bryant  **Address** Winchuk, Montana

**Date Started** July 14, 1961  **Date Completed** July 15, 1961

**Location:** Sec. 15 T. 2 R. 60 E. 1/4 sec. SE(NE)3

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Drilled</th>
<th>Equipment Used</th>
<th>Rotary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>☐</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Municipal</td>
<td>☑</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stock</td>
<td>☑</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Irrigation</td>
<td>☐</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industrial</td>
<td>☐</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drainage</td>
<td>☐</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>☐</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- **Casing:** 0 ft. to 221 ft.  **Type:** Steel casing  **Size:** 4 in.
- **Casing:** 221 ft. to 287 ft.  **Type:**  **Size:**
- **Casing:** 287 ft. to 357 ft.  **Type:**  **Size:**
- **Perforated or Screen:** 45 ft. to 99 ft.  **Type:** Cutting torch
- **Static Water level, for non-flowing well:** 110 feet
- **Shut-in pressure, for flowing well:** 1 lb./sq. in. on: (*"*)
- **Pumping water level:** 100 feet at 14 gal. per min.
- **How tested:** bailing
- **Length of test:** 2 hours
- **Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>5</td>
<td>Brown soil</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>8</td>
<td>Coal</td>
</tr>
<tr>
<td></td>
<td>8</td>
<td>10</td>
<td>Gravel</td>
</tr>
<tr>
<td></td>
<td>10</td>
<td>20</td>
<td>Sand</td>
</tr>
<tr>
<td></td>
<td>20</td>
<td>60</td>
<td>Light shale</td>
</tr>
<tr>
<td></td>
<td>40</td>
<td>60</td>
<td>Blue shale</td>
</tr>
<tr>
<td></td>
<td>60</td>
<td>80</td>
<td>Light shale</td>
</tr>
<tr>
<td></td>
<td>80</td>
<td>90</td>
<td>Gray sand</td>
</tr>
<tr>
<td></td>
<td>90</td>
<td>98</td>
<td>Coal</td>
</tr>
<tr>
<td></td>
<td>98</td>
<td>130</td>
<td>Light shale</td>
</tr>
<tr>
<td></td>
<td>130</td>
<td>134</td>
<td>Gray s and dry</td>
</tr>
<tr>
<td></td>
<td>134</td>
<td>170</td>
<td>Gray shale</td>
</tr>
<tr>
<td></td>
<td>170</td>
<td>183</td>
<td>Dark shale</td>
</tr>
<tr>
<td></td>
<td>183</td>
<td>220</td>
<td>Water sand</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>
<tr>
<td>4</td>
<td>SIPMA, JAKE</td>
<td>Gw-4</td>
<td>113343</td>
</tr>
<tr>
<td>6</td>
<td>TRAWEK, THOMAS B.</td>
<td>Gw-4</td>
<td>113422</td>
</tr>
<tr>
<td>6</td>
<td>TRAWEK, THOMAS R.</td>
<td>Gw-4</td>
<td>113423</td>
</tr>
<tr>
<td>8</td>
<td>TRAWEK, GORDON</td>
<td>Gw-2</td>
<td>128485</td>
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<tr>
<td>140</td>
<td>TRAWEK, EVERETT</td>
<td>Gw-4</td>
<td>113425</td>
</tr>
<tr>
<td>30</td>
<td>MECSAGE, ART</td>
<td>Gw-57</td>
<td>132941</td>
</tr>
<tr>
<td>32</td>
<td>LOVEC, EMMETT G.</td>
<td>Gw-4</td>
<td>113440</td>
</tr>
<tr>
<td>36</td>
<td>LOVEC, EMMETT G.</td>
<td>Gw-4</td>
<td>113441</td>
</tr>
</tbody>
</table>
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1962)

### JAKE SEPMA

(Owner)

### Baker

(Address)

### Fallon County

(State of Montana)

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

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

1. **Name of Appropriate:**

2. **Beneficial use on which the claim is based:**

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

4. **Amount of groundwater claimed (in miner's inches or gallons per minute):** 10 gallons per minute

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

6. **Means of withdrawing such water from the ground and the location of each well or other means of withdrawal:** Cylinder pump with windmill

7. **Date of commencement and completion of the construction of the well:**

8. **Depth of water table:** 20 feet from surface

9. **Log of formations encountered in drilling of each well:**

10. **Estimated amount of groundwater withdrawn each year:** 432,000 gallons per year

11. **Log of formations encountered in drilling of each well if available:** None available

12. **Other information of a similar nature as may be useful in carrying out the policy of this act:**

Signature of Owner: JAKE SEPMA

Date: Dec 2, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator: THOMAS B. TRAWECK
   Address: WEBSTER
   Town: FALLON
   County of FALLON
   State of MONTANA

I

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: 1900 - CONTINUOUSLY

4. The amount of groundwater claimed (in miner's inches or gallons per minute): TEN (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: NOT APPLICABLE

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: 1963

8. The depth of water table: THIRTY-FIVE (35) FEET

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: ORUG 63 FEET DEEP
   EIGHT INCH CASING 1 1/2" PIPE 8 1/2 CYLINDER

10. The estimated amount of groundwater withdrawn each year: 5,250,000 GALLONS

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

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

   Signature of Owner: THOMAS B. TRAWECK
   Date: DEC. 30, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Filed for Record
w.13:15 am
Dec 1, 1955
Jane M. Brewster
Deputy

Fees: $2.00
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

THOMAS B. TRAWEK, of W. WEBSTER
(Address) (Town)

County of FALLON State of MONTANA

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

2. The beneficial use on which the claim is based

LIVESTOCK WATER

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

1900 -- CONTINUOUSLY

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

FIVE (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

FLOWING SPRING

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

NOT APPLICABLE

8. The depth of water table

FLOWING 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

NOT APPLICABLE

10. The estimated amount of groundwater withdrawn each year

2,628,000 GALLONS

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

NOT APPLICABLE

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

Signature of Owner: THOMAS B. TRAWEK
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.

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