# WATER WELL LOG

**Owner:** Bertly Sinclair  
**Address:** Butte, Montana

**Driller:** Bertly Drilling Co.  
**Address:** Butte, Montana

**Date Started:** June 6, 1951  
**Date Completed:** June 6, 1951

**Location:** Sec. 7 T. 7 R. 14 sec. 4W 1/4 sec. 4W

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**Type of well:** Drilled  
**Equipment used:** Rotary  
**Water use:** Stock

**Casing:** 3 ft. to 10 ft. Type: Steel  Size: 4 inch

**Perforated or Screened:** 10 to 50 ft. Type: Steel  Size: 4 inch

**Static Water level, for non-flowing well:** 19 feet.

**Shut-in pressure, for flowing well:** 10 lb./sq. in. on: (date)

**Pumping water level:** 22 feet at 720 gal. per min.

**How tested:**

**Length of test:**

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

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 20</td>
<td>Top Soil</td>
</tr>
<tr>
<td>20 to 35</td>
<td>Sand and pebbles</td>
</tr>
<tr>
<td>35 to 45</td>
<td>Creamy sand and clay</td>
</tr>
<tr>
<td>45 to 55</td>
<td>Sand and blue clay</td>
</tr>
<tr>
<td>55 to 65</td>
<td>Sand</td>
</tr>
<tr>
<td>65 to 75</td>
<td>Gray sand, under sand zone</td>
</tr>
<tr>
<td>75 to 85</td>
<td>Sand</td>
</tr>
</tbody>
</table>
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana  

WATER WELL LOG  

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
</table>

**Location:** Sec. 4, T. 7N, R. 59E

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

**Water use:** Stock

**Casing:**
- 6 ft. to 7 1/2 ft. Type: Steel, Size: 4"
- 7 1/2 ft. to 100 ft. Type: Steel, Size: 2"

**Perforated or Screened:**
- 2 1/2 ft. to 2 7/8 ft.
- 2 7/8 ft. to 3 ft.

**Static Water Level:** _______ feet.

**Shut-in pressure:** _______ lb. sq. in. on: _______ (date)

**Pumping Water Level:** _______ feet at: _______ gal. per min. _______

**How tested:** _______

**Length of test:** _______

**Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 50</td>
<td>To 225</td>
</tr>
<tr>
<td>50 225</td>
<td>Gravel</td>
</tr>
<tr>
<td>225 275</td>
<td>Sand</td>
</tr>
</tbody>
</table>
### Declaration of Vested Groundwater Rights

(Under Chapter 31, Montana Session Laws, 1961)

1. **John H. Losing**

   County: __________
   State: __________

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

   - **Name of Appropriator:** John H. Losing
   - **Address:** Baker
   - **Town:**

2. The beneficial use on which the claim is based

   - [ ]

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

   - **1960**

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

   - **6 gal/min**

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

   - [ ]

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

   - **Flowing well**

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

   - **1960 - Sept 1, 1960**

8. The depth of water table

   - **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

   - [ ]

10. The estimated amount of groundwater withdrawn each year

    - **300,000**

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

    - **None**

   **Signature of Owner:** John H. Losing
   **Date:**

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

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

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

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

STATE ENGINEER

1. Name of Appropnator: Calvin H. Larson
Address: Baker
County of: Fallon
State of: Montana

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

2. The beneficial use on which the claim is based:
   household, garden, livestock

3. Date or approximate date of earliest beneficial use, and how continues the use has been:
   well drilled in 1917

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 7 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:
   1 acre garden, adjacent to well location

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   1917

8. The depth of water table:
   50 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:
   50 ft. casing, 60 ft. depth

10. The estimated amount of groundwater withdrawn each year:
    80,000 gal. per yr

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:
    none

Signature of Owner: Calvin H. Larson
Date: Sept. 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 Montana Bureau of Mines and Geology; and Quadruplicate for the Administrator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. HAROLD A. WYRICK 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:
   
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: HAROLD A. WYRICK
Date: 12/19/63

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.
139107

FILED
IN 3RD JUDICIAL DISTRICT
DEC 9 1963

[Signature]
[Stamp]: Deputy
Notice of Completion of Groundwater Appropriation by Means of Well Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: AB Modlin
Address: Bob's Post

Driller: C. L. Caban
Address: 1

Date of Notice of appropriation of groundwater: Sept 12, 1964
Date well started: Apr 15, 1964
Date completed: May 1, 1964

Type of well: Drilled
Equipment used: Reeling
(Dog, driven, bored or drilled) (Charm 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 with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Static Water Level for non-flowing well ______ feet.

Shut-in Pressure for Flowing Well ______ feet.
Pumping Water Level ______ feet at ______ gal. per minute.

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

How Tested: ______ Length of Test: ______
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

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

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

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

Driller's License Number: 149
Driller's Signature: C. L. Caban
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: ___________________________ Address: ___________________________
Driller: ___________________________ Address: ___________________________

Date of Notice of appropriation of groundwater: ___________________________
Date well started: ___________________________ Date completed: ___________________________

Type of well: ___________________________ Equipment used: ___________________________
(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 Collar</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well ___________________________ feet.
Shot-in Pressure for Flowing Well ___________________________ feet.
Pumping Water Level ___________________________ feet at ___________________________ gal. per minute.
Discharge in gal. per min. of flowing well ___________________________ gal. per minute.
How Tested: ___________________________
Length of Test: ___________________________
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.

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. One copy to be retained by driller.

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

Driller's License Number ___________________________
Driller's Signature ___________________________

[Diagram and table provided]

Owner: 
Address: 

Driller: 
Address: 

Date of Notice of appropriation of groundwater: 
Date well started: 
Date completed: 

Type of well: 
Equipment used: 
(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 was with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Strata</th>
<th>Top Depth (Feet)</th>
<th>Bottom Depth (Feet)</th>
<th>Character of Strata</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested

Length of Test

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

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

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

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, tissue copy to be retained by driller.

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

Driller's License Number

Driller's Signature
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: City of Baker  Address: Baker, Montana
Driller: Frederickson's, Inc.  Address: Hutchinson, Minnesota

Date of Notice of Appropriation of groundwater: June 4, 1969
Date well started: June 4, 1969
Date completed: June 20, 1969

Type of well: Drilled  Equipment used: Rotary

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

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

<table>
<thead>
<tr>
<th>Strata from 287'</th>
<th>300</th>
<th>400</th>
<th>500</th>
<th>600</th>
</tr>
</thead>
<tbody>
<tr>
<td>287'-400' Sand &amp; Shale Mixed</td>
<td>400'-450' Sand with some Shale</td>
<td>450'-453' Rock</td>
<td>531'-511' Sand with some Shale</td>
<td>511'-533' Rock</td>
</tr>
<tr>
<td>533'-535' Sand with some Shale</td>
<td>500'-542' Sand &amp; Sandy Shale</td>
<td>542'-587' Shale &amp; Sandy Shale</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well at 88.50 feet.

Shut-in Pressure for Flowing Well:

Pumping Water Level: 365.00 feet at 205 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Turbin Pump

Length of Test: 5 days, 120 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, casing cemented, screen gravel packed as per enclosed drawing).

NE'SW'SE 1/4 Sec. 11 T. 7N. 59E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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

Show exact depth of bottom.

Driller's License Number
Driller's Signature
Cement Grout

12"  

Filter Sand

30 ft. of 6" Stainless Steel Leader
377 ft. Bottom of Packing

100 ft. Overall Length • 30 ft. Stainless Steel Screen
9 1/4" O.D.

Pack Sand: 1121 cubic feet
There are centralizers in screen
and leader to center screen in hole.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. CITY OF BILLINGS, MONTANA
   (Name of Appropriator)
   Baker
   (Address)
   County of
   State of
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

   N 158 ft. W 10 R 59E

2. The beneficial use on which the claim is based
   Municipal Water Supply

3. Date or approximate date of earliest beneficial use, and how continuous that use has been: May 20, 1943

4. The amount of groundwater claimed in number of inches or gallons per minute: Originally produced 130 gallons per Min. and is now producing 90 gallons per Min.

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

6. The manner in which water from the ground and the name of the well or other source of water, is to be furnished, is by open impeller powered with 25 horse electric motor

7. The insertion of some U-shaped pipe or other device for use in pipe water lines in this aquifer, or any other aquifer,

8. The elapsed time since first water was taken

9. The method of extraction of water for use in irrigation

10. The location of water well or other source of water from which water is taken

11. The area of land irrigated by or to be irrigated under this claim

12. The name of the owner of the land irrigated, or the owner or person responsible for the irrigation

   [Signature]
   [Date: Dec 30, 1963]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. CITY OF BAKER, MONTANA (Name of Appropriator) WELL NO. 2 Baker
   (Address) (Town) State of Montana

County of Fallon

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: MUNICIPAL WATER SUPPLY

3. Date or approximate date of earliest beneficial use, and how continued the use has been Drilled in about 1925

4. The amount of groundwater claimed (in miner’s inches or gallons per minute) Not producing at this time. Sanded in

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 About 66 feet when in production

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 None at present

11. The log of formations encountered in the drilling of each well if available On file with State Board

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

City of Baker, Montana

Date Dec 18, 1963

Mayor

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. CITY OF BILLINGS, MONTANA
(Name of Appropriate) of Well No. 5 Baker
(Address) (Town)

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

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Originally tested at 150 Gallon Per min., but now only producing at rate of 60 Gallons Per min.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Equipped with 24 Inch Pennson open impeller pump & 15 HP Elec. Motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Drilled in May, 1956 and completed in June, 1956 and put into production.

8. The depth of water table... 55 feet from surface.

9. So far as it may be available, the type, size and depth of each well; the general specifications of any other works for the withdrawal of groundwater Drilled well to depth of about 650 feet and to Bottom of Fox Hills Sand Formation; cased with 12 inch steel casing which is perforated through the Fox Hills Sand formation; tested to produce 150 GPM, fitted with 24 Inch Pennson pump now using 15 HP Elec. Motor and covered with a well house

10. The estimated amount of groundwater withdrawn each year 22 Million Gallons Per Min.

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.

CITY OF BILLINGS, MONTANA

Signature of Owner Mayor
Date December 18, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicates to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appraiser.
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. CITY OF BILLINGS, MONTANA
   (Name of Appropriator)

   County of: Fallon
   State of: Montana

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

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

   3. Date or approximate date of earliest beneficial use; and how continual the use has been: Drilled in 1952 and has been in continual use for municipal water supply since completed.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 110 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 for irrigation

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: equipped with 3/4 inch Perman pump, open impeller with 20 HP. Electric motor for power.

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

   8. The depth of water table: 70 feet from the surface (Static water 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 is drilled to a depth of more than 450 feet, to the bottom of the Fox Hills sand formation and in a casing with 12 inch casing which is perforated throughout the Fox Hills formation.

10. The estimated amount of groundwater withdrawn each year: 28 million gallons per yr

11. The log of formations encountered in the drilling of each well if available: on file with County Surveyor.

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: [Entry]

   Signature of Owner: [Signature]
   Date: [Date]

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

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

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

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

1. CITY OF BAKER, MONTANA
   (Name of Appropriator)
   County of...Fallon...
   State of...Montana...

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

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

   MUNICIPAL WATER SUPPLY

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

   1925 and in continuous use since then...

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)...135 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 for irrigation...

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

   open impeller...pump powered with 10 HP Electric Motor...

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

   This well was drilled and completed in about the year 1925...

   8. The depth of water table...

   66 feet from surface...

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

   This well is about 66 feet deep, to the bottom of the Fox Hills sand formation, capped with 12 inch casing which is perforated all through the Fox Hills formation, equipped as set forth above and covered with a well house...

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

   52 1/2 Million Gallons Per Year...

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

   On file with the Board of Health...

   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...

   Mayor...Dec. 18, 1963...

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

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

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

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

1. Verne R. Hitchcock,  
   County of Fallon, State of Montana  
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use, and how continuous has been usage since said date: 1916, and used continuously since said date.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: approximately year 1916, dug well with rock casing, submersible pump suspended.

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: 40 feet in depth, excavation about 5 feet in diameter, with rock casing.

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

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.

Signature of Owner: [Signature]  
Date: December 27, 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 Approprietor.
**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>County of</th>
<th>State of</th>
</tr>
</thead>
</table>

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
   - Household

2. **Date or approximate date of earliest beneficial use** and how continuously the use has been used continuously:

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

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

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

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

7. **The depth of water table**:

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

9. **The estimated amount of groundwater withdrawn each year**:

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

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

**Signature of owner:**

Date: **December 16, 1971**

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.
FALLON COUNTY
BAKER, MONTANA
Filed for Record
at 11:50
DEC 1 1971

Clerk Attested

Judge Matthew
Deputy
January 10, 1972

In reply refer to: Engineering Bureau

Mr. Verne R. Hitchcock
Baker
Montana 59313

Dear Mr. Hitchcock:

This is in reference to the Declaration of Vested Groundwater Rights, GV-4, form, document number 12274, that you filed on December 16, 1971 at 11:50 a.m. (See a copy enclosed.)

The Declaration of Vested Groundwater Rights, GV-4, form was intended for appropriators to file on vested groundwater rights for a certain period only. That period was from January 1, 1961 to January 1, 1966. Therefore, after January 1, 1966, according to the Groundwater Code, the GV-4 form was invalid and could not legally be used as an appropriation form.

The proper form to use for wells after January 1, 1966, is the Notice of Completion of Groundwater Appropriation by Means of Well, GW-2. A copy of the GW-2 form is enclosed for your own use. Please complete all blanks accurately as possible and attach any available proof that the date of first beneficial use did date back to 1918. This would be to your advantage in case there was a dispute over the groundwater in your area and it was taken to court, which may be rather remote.

Please find enclosed a copy of the pamphlet, Appropriation and Regulation of Groundwater. The first three and one-half pages of the pamphlet should be of interest to you. Underlined in red are specific items related to your particular case.

If we may be of further assistance, please do not hesitate to call on us at any time.

Sincerely,

Orria Ferris, Chief
Engineering Bureau
Water Resources Division

0F/RC/1k

Enclosure

cc: Bea Atkinson
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 (Address) (Town)
   County of
   State of
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   N W
   __ __
   __ __
   __ __
   __ __
   S E

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

   S E Sec. 7 T. R. 7

   2. The beneficial use on which the claim is based

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

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

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

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

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

   8. The depth of water table

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

   10. The estimated amount of groundwater withdrawn each year

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

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

   Signature of Owner
   Date

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

1. **CITY OF BAKER, MONTANA**
   - **State of Montana**
   - **County of Fallon**
   - **Address**
   - **Town**

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

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

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

- **Municipal Water Supply**

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

- Drilled in 1958 and in continuous use since then—primarily summer use for park

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

- 60 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

- **Farm Name**

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

- **Submersible pump (4 inch)** with electric motor

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

- This well was drilled in summer of 1958 and placed in immediate production and has been in use every year since then—no pump house covering this well, has submersible pump.

### 8. The depth of water table

- 50 feet from surface

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

- This well was drilled to a depth of about 150 feet which carried it to the bottom of the Fox Hills sand formation which comes to the surface near the point where this well was drilled. The hole is 4 inches in diameter, cased with 4 inch steel casing and equipped with a submersible pump and electric motor for power, the motor being at the bottom of the well with the pump.

### 10. The estimated amount of groundwater withdrawn each year

- 1,000,000 gallons per year

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

- **Signer**

### 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

### 13. Date

- December 26, 1963

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

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

Original to the County Clerk and Recorder, Duplicate to the State Engineer, Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well

Owner: City of Baker
Address: Baker, Montana
Driller: Frederickson's Inc.
Address: Hutchinson, Minnesota
Date of Notice of Appropriation of Groundwater: Dec. 11, 1962
Date Well Started: Dec. 11, 1962
Date Completed: Dec. 22, 1962
Type of Well: Drilled
Equipment Used: Rotary

Water Use: Domestic

<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>Kind of Screen</th>
</tr>
</thead>
<tbody>
<tr>
<td>15&quot;</td>
<td>10&quot; 32 lbs.</td>
<td>0&quot;</td>
<td>350&quot;</td>
<td>Johnson S.S. 5-6. 30 slot screen</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 90 feet.
Shut-in Pressure for Flowing Well: Not flowing
Pumping Water Level: 278 feet at 200 gal. per minute.
Discharge in gal. per min. of flowing well: Not flowing
How Tested: Turbine pump
Length of Test: 5 days

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

Casing centered and pressure grouted. Gravel packed

Driller's License Number
Frederickson's Inc.
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.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. CITY OF BAKER, MONTANA of Wall No. 6 Baker
   (Name of Appropriator) (Address) (Town)
   County of Fallon State of Montana

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

2. The beneficial use on which the claim is based.
   MUNICIPAL WATER SUPPLY

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   Completed in December 1962 and
   in continuous use since then

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 250 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 for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Impeller pump with 30 H.P. Electric Motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   This well was commenced in about October 1962 and completed in December 1962. A test hole was drilled first and a gravel pack type casing designed and completed in about December 1962.

8. The depth of water table 85 feet from surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   Drilled well to a depth of below 50 feet

10. The estimated amount of groundwater withdrawn each year 77.2 Million Gallons per yr

11. The log of formations encountered in the drilling of each well if available
   on file with State Board.

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 a different type from the older wells, particularly in the type casing. The older wells are cased with 12 inch steel casing with perforations cut in the casing; whereas this type well has a specially designed gravel pack type casing, using stainless steel.

Signature of Owner

Date December 26, 1963

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

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

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

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

1. [Appropriator's Name and Address]
   [Town], [County] of [State of Montana]
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based
   [Type of Use]

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

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

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
   [Acreage]
   [Description]
   [Owner]

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

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

8. The depth of water table.
   [Depth]

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
   [Specifications]

10. The estimated amount of groundwater withdrawn each year
    [Amount]

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

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
    [Information]

Signature of Owner
[Signature]
Date [Date]

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

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

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

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

Date of earliest beneficial use of groundwater 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), 25 - 30 gal per min.

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

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

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. 10,000 gal.

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

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

Signature of Owner.

Date 12/31/61

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

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

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

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

   (Name of Appriator) (Address) (Town)
   County of Fallon State of Montana

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

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

3. Date or approximate date of earliest beneficial use: June 1949
   (constant use)

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

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: used for livestock

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: June 1949

8. The depth of water table: flowing well

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: casing, 30 ft. depth

10. The estimated amount of groundwater withdrawn each year: 1,576,800 gal. per yr.

11. The log of formations encountered in the drilling of each well if available: Water taken from Fox Hill Sand formation

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: none

Signature of Owner:

Date: Sept. 13, 1963

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

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

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

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

1. Mrs. Robert A. (Archer) Larson       of                                        Baker
   (Name of Appropriator)               (Address)                             (Town)
   County of Fallon                   State of Montana

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

2. The beneficial use on which the claim is based. household, garden

3. Date or approximate date of earliest beneficial use: and how continuous the use has been. Oct. 1948
   constant use

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

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

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

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

8. The depth of water table. 40 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" casing, 105' depth. Electric powered
   jet pump

10. The estimated amount of groundwater withdrawn each year. 90,000 gals

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
   none

Signature of Owner
Date Sept. 15, 1963

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

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

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

2. The beneficial use on which the claim is based: Milking cows and other cattle

3. Date or approximate date of earliest beneficial use: Sept. 1952

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

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

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

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

8. The depth of water table: 12 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:
   Electric powered jet pump

10. The estimated amount of groundwater withdrawn each year: 730,699 gal. per ft.

11. The log of formations encountered in the drilling of each well if available:
   Water taken from Fox Hill Sand formation

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: None

Signature of Owner: ________________
Date: Sept. 18, 1963

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

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

   County of ___________ State of Montana

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

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<tbody>
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</tr>
</tbody>
</table>

   SE 1/4 Sec. 19, T.7N., R.59

   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

   livestock

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

   Sept. 1948

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

   2 gal. per min.

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

   

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

   artesian

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

   Sept. 1948

8. The depth of water table.

   flowing well

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

   pipe casing, 300 ft. depth

10. The estimated amount of groundwater withdrawn each year.

    1.05, 5.10 gal. per yr.

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

    water taken from Fox Hill Sand formation

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

   none

Signature of owner

Date: Sept. 16, 1963

Three copies to be filed by 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. Tripplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
## Declaration of Vested Groundwater Rights

**State of Montana**

**Administrator of Groundwater Code**

**Office of State Engineer**

### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

---

**Ethel Custafson**

(Name of Appropriator)

<table>
<thead>
<tr>
<th>County</th>
<th>State</th>
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</thead>
<tbody>
<tr>
<td>Fallon</td>
<td>Montana</td>
</tr>
</tbody>
</table>

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

1. **Household & livestock watering.**

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: 1932 and has been in continual use since then.

4. The amount of groundwater claimed (in inches or gallons per minute): 1 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, not for irrigation.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal (pressure pump with 1/2 horse power motor).

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: This well was dug and completed on July 1, 1930 and has been in use since then as a farm well.

8. The depth of water table: 40 feet from the 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: Unlined well to depth 110 feet, cased to bottom with 4 inch steel casing and equipped with 1/2 horse power motor and pressure tank to withdraw the water.

10. The estimated amount of groundwater withdrawn each year: 25,000 gallons per year.

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

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

---

**Signature of Owner**

Date: Dec 13, 1963

---

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

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

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

(1) Name of Appropriator

(2) Address

(3) Town

County of 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, human, and garden irrigation

2. The date or approximate date of earliest beneficial use and how continuous the use has been since then.

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

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

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

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

7. The depth of the water table.

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

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

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. 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. Gunderson Farms, Inc. of Bakon
   (Name of Appropriator) (Address) (Town)

   County 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 & domestic use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946 used the year around

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

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 water the farm and garden

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pump southwest corner of the NE of Sec. 24 T.7N R. 56E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1946

8. The depth of water table 300 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 the well is 31 feet deep with four inch casing the first 160 feet and the rest 3 inch casing

10. The estimated amount of groundwater withdrawn each year 1,500,000

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

Date 12-27-63

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.