STATE OF MONTANA
County of Sweet Grass

This the 22 day of October, A.D. 1872.

At 2 o'clock P.M.

Margaret Claymoyer

By
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: 

Driller: 

Date of Notice of appropriation of groundwater: 1/1/71

Date well started: 1/1/71

Date completed: 1/1/71

Type of well: Drilled

Equipment used: chain drill

Water use: Domestic

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 inch</td>
<td>6 5/8</td>
<td>18 feet</td>
<td>28</td>
<td>none</td>
</tr>
<tr>
<td></td>
<td>42 Plastic</td>
<td>5 feet</td>
<td>40</td>
<td>3/16 holes</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 25 feet

Shut-in Pressure for Flowing Well: 35 feet

Pumping Water Level: 35 feet

Discharge in gal. per min. of flowing well: 15 gal. per minute

How Tested: Suction

Length of Test: 3 hours

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

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

Show exact depth of bottom.

No. 27

Driller's License Number

Driller's Signature: 1/7/71

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.
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 Approver: [Name of Approver]  
   (Address) [Address]  
   County of [County]  
   State of [State]  

   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: Sprinkler No. 14, No. 2, household use, No. 3, stockwater.

3. Date or approximate date of earliest beneficial use: June 1975.

4. The means of withdrawing such water from the ground: 60 ft. deep well, 5 HP motor, 55 g.p.m. pumps.

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: Well No. 2, water for lawn, John Doe.

6. Date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Oct 10-23, 1980.

7. The depth of water table: 20 ft. 1/2, 3 ft. 1/2.

8. The log of formations encountered in the drilling of each well if available: No. 1, drilled 50 ft. deep, 60 ft. well, 5 HP motor, 55 g.p.m. pumps.

9. The estimated amount of groundwater withdrawn each year: No. 1 - 25,000 gal., No. 2 - 250,000 gal., No. 3 - 75,000 gal.

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: [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 Approver.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Howard Forsyth
(Name of Appropriator)
of
(Aдрес) 
County of
(Town)
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 of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 

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: 12/30/63

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Apprropriator.
STATE OF MONTANA,} \nCounty of Potted Grass. \n
Filed this 23rd day \n
of Jan. 1944 \nat 9:45 A.M. \n
Arthur H. \n
By:

Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner/Driller's Signature: ________________
Address: ________________
Date well started: ________________
Date well completed: ________________
Type of well: ________________
Equipment used: ________________
Water Use: ________________

*Describe: ________________

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. lot, block and addition).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Site of Site</th>
<th>Size and Area of Well</th>
<th>Top of Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: ________________ ft.
Pumping water level: ________________ ft.
measured ________________ gallons per minute, measured ________________ minutes after pumping began.

*Measured from ground level.

Well developed by ________________ for ________________ hours.

Power: ________________ Pump: ________________ HP.
Remarks: ________________

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE, EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature: ________________
Driller's Address: ________________
LABORATORY ANALYSIS

LICENSE NO. ________________

Top of Ground (Excl. above sea level): ________________

[Table containing columns for various measurements and calculations]
Dear Sirs,

Mrs. Smith was very pleased to have learned that your cousin is building a new house and will be using the oldest living person in town. She wants to know if there is any rainwater into the well, and if so, to have any records made kept, so we don't lose a lot of this information. Hope this suits with your approval.

Drs. Smith are very much interested in these things. Helping the earth create such things.

[Signatures]

---

**Equipment used:**

<table>
<thead>
<tr>
<th>Water Use:</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
</table>

- Industrial | Drainage | Other | Garden/Lawn |

*Describe: Work done & other.

**Use:** If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (e.g. lot, block, and addition).

**Estimated Annual Withdrawal:**

<table>
<thead>
<tr>
<th>Est. Drawn</th>
<th>In\ Bore</th>
<th>In\ Well</th>
</tr>
</thead>
</table>

**Remarks:** (Gravel packing, cementing, etc.)

**Driller's Address:**

---

**Driller's Signature:**

---

**License No.:**

---

**INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.**

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

---

**Measured minutes after pumping began:**

*Measured from ground level.

---

**Well developed by:**

---

**Remarks:** (Gravel packing, cementing, etc.)

---

**Driller's Address:**

---

**License No.:**

---
### NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

(Developed after January 1, 1962)

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

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

**Owner:**

<table>
<thead>
<tr>
<th>Address</th>
<th>For Administrator's Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>Montana</td>
<td></td>
</tr>
</tbody>
</table>

**Date well started:**

| 4-1-1967 |

**Date well completed:**

| 6-3-1967 |

**Type of well:**

| Water Well |

**Equipment used:**

| Submersible Pump |

**Water Use:**

- Domestic
- Irrigation
- Other

**Description:**

- Drilled

**USE:**

- Domestic
- Irrigation
- Municipal
- Stock
- Other

**Estimated Annual Withdrawal:**

| 7 |

**Remarks:**

- Power: Motor
- Remarks: Gravel packing, cementing, packers, type of Completion

**INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.**

- Grid Reference: N 5 W 11
- Section: 14
- Township: 5
- Range: 11

**Driller's Signature:**

<table>
<thead>
<tr>
<th>Driller's Address</th>
<th>LICENSE NO.</th>
</tr>
</thead>
<tbody>
<tr>
<td>50,533</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Kenneth R. Elgen & Ervin P. Elgen of Big Timber
   (Name of Appropriator) (Address) (Town)
   County of Sweet Grass State of Montana

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

<table>
<thead>
<tr>
<th>Stock Watering</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date or approximate date of earliest beneficial use: June 29, 1961</td>
</tr>
<tr>
<td>The amount of groundwater claimed (in miner's inches or gallons per minute): Static water level 6 ft, non-flowing well; 8 ft. pumping water level 11 ft. at 100 gal. per min. Length of Test: 45 min.</td>
</tr>
<tr>
<td>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</td>
</tr>
<tr>
<td>The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Gasoline engine driven hypoc pump or hand pump. Located approx. 40 ft. east of barn, Sec. 6, Lot 12 S.E. Corner</td>
</tr>
<tr>
<td>The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: June 29, 1961</td>
</tr>
<tr>
<td>The depth of water table: 8 ft.</td>
</tr>
<tr>
<td>The log of formations encountered in the drilling of each well if available: 0 to 16 ft. - Boulder, 18 ft. to 40 ft. - Sand &amp; Layers of Gravel</td>
</tr>
<tr>
<td>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</td>
</tr>
</tbody>
</table>

Signature of Owner: Kenneth R. Elgen
Date: January 15, 1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA,
County of Sweet Grass

Filed this ______ day of ___ A.D. 1962
at ______ o'clock A.M.

______________________
DICK ARMSTRONG
County Clerk.

______________________
County Clerk.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Northern Pacific Railway Co. of Graycliff
   (Name of Appropriator) (Address) (Town)

   County of Helena State of Montana

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

   SE 1/4 NW Sec. 9 T 18 R 66
   Indicate point of appropriation
   and place of use, if possible.
   Each small square represents 10
   acres.

2. The beneficial use on which the claim is based
   Domestic purposes, locomotive supply

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   March 28, 1942 to present

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Started Feb. 23, 1942 Complited March 28, 1942

8. The depth of water table
   12 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
   8 inch drilled well, 105 feet deep

10. The estimated amount of groundwater withdrawn each year
    Unknown. Leased out.

11. The log of formations encountered in the drilling of each well if available
    See attached log 40-A

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

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

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

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

Filed this 17th day of Nov A.D. 1963
at 9:20 O'clock A.M.

Anna Namos
Clerk

By: ________ _______
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Heman Smith
   (Name of Appropriate) at Flagstaff
   (Town) of McKenzie
   (County) have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   - Both wells used for stockwater, No. 2 well also household use

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

   3. Date or approximate date of earliest beneficial use; and how continuously the use has been No. 2 well used continuously for 20 years. No. 1 used starting yearly for 20 years.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1.2 - 1590.1 gpm. per minute

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

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

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

   8. Operation approximately 20 years

   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:

   - No. 1 - Dug well, with 12' tile
     - No. 2 - Dug well, closed with concrete cover

   10. The estimated amount of groundwater withdrawn each year: 2,000,000 gph. 1 - 100,000 gph

   11. The age of formations encountered in the drilling of each well if available: Both wells 90 feet.

   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:

   - Number of formations encountered in the drilling of each well if available:

   - Date: Dec 10, 1763

   - Signature of Owner: Heman Smith

   - 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 Board of Mines and Geology, and Quadruplicate for the Appropriate.
STATE OF MONTANA,
County of Sweet Grass, ss.

Filed this 10th day of Alexander A.D. 1963
at 10:30 o'clock A.M.

Anne Adams
County Clerk

By
Deputy.

COUNTY OF SWEET GRASS
STATE OF MONTANA

L. A. S.
County Clerk

Filing date: A.D. 1963
A. M. 10:30

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

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elav. above sea level)

0-16 Gravel & sand
16-30 Very hard sandstone/ shale

Owner: Mildred Granje
Address: Greeley, Mont.

Driller: S & N Drilling
Address: Havre, Mont.

Date of Notice of appropriation of groundwater: November 9, 1971

Type of well: Drilled
Equipment used: Chuck drill

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.

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: Boiler

Length of Test: 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff)
Determine casing into hard gray sandstone 26 ft.

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).

Well is for home 1/2 in lot 5.

Show exact depth of bottom.

30 ft.

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
1911
November 71
3:30 P.M.

Margaret Beattie
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner: Bob White
Address: Wheaton, MT
File: 53,162

Date well started: 3-15-73
GW 1: H 309, 121
Date well completed: 3-20-73

Type of well drilled: Other
Equipment used: Other drill (Drill, bored or drilled)

Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Gauge</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
<th>KILLED HOLE</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 49/8</td>
<td>3&quot; 18&quot;</td>
<td>56</td>
<td></td>
<td>None</td>
<td>3&quot; 16&quot;</td>
</tr>
<tr>
<td>6&quot; 49/8</td>
<td>3&quot; 18&quot;</td>
<td>110</td>
<td></td>
<td>3&quot; 16&quot; drilled holes</td>
<td>70</td>
</tr>
</tbody>
</table>

Static water level: 43 ft
Pumping water level: 110 ft
Power: Pump, 1 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Top of Ground

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>37</td>
</tr>
<tr>
<td>37</td>
<td>53</td>
</tr>
<tr>
<td>53</td>
<td>61</td>
</tr>
<tr>
<td>61</td>
<td>99</td>
</tr>
<tr>
<td>99</td>
<td>118</td>
</tr>
</tbody>
</table>

Show exact depth of bottom

License No. 27

Driller's Signature: [Signature]
Driller's Address: Box 32, Wheaton, MT 59028

County: Wheaton
LICENSE NO. 27
STATE OF MONTANA
COUNTY OF SWEET GRASS
Filed this 14th day of July, A.D. 1922

[Signature]
County Recorder
Deputy
Declaration of Vested Groundwater Rights

Robert C. Line and
Louise C. Line

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

   All

   1/2 Sec. 11 T.13 S. R.16 E
   Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based...on agriculture, household, irrigation and general farm use...
   including water for stock raising.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...Continuous since October 1923

4. The amount of groundwater claimed (in miner's inches or gallons per minute) All available with a total of 100 gallons per minute plus unknown amounts.

5. If used for irrigation, give the average and description of the lands to which water has...owned as in Well above.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...free flow to surface. Location per diagram at left.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...October 1923.

8. The depth of water table...Unknown...Various levels.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other...by removal of surface debris; use of reservoirs.

10. The estimated amount of groundwater withdrawn each year...in excess of 100 million gallons.

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

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 12-21-1963

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

Please answer all questions. If not applicable, as 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)

Robert C. Line and Louise C. Line

of Rte#3, Missoula (Name of Appropnator)

County of Missoula, 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: on agriculture, household, irrigation and general farm use, including water for stock raising.

2. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   - Well(a): Continuous since 1923, October
   - Well(b): Continuous since 1961
   - Springs: Continuous since 1923

3. The amount of groundwater claimed (in miner's inches or gallons per minute). All available with total of 100 gallons per minute or unknown amounts

4. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof (40 acres), SW 1/4 Sec. 13 T. 15 R. 16E

5. Owners as in No. 1 above

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - Pump Location per diagram at left
   - Springs are free flow to surface

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   - Well(a): October 1923
   - Well(b): October 1961
   - Springs: October 1923

8. The depth of water table:
   - Well(a): 5 feet
   - Well(b): 5 feet
   - Springs: Unknown. Various levels

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   - Well(a): driven 15 feet deep
   - Well(b): 12 feet deep
   - Springs are free flowing water stimulated by removal of surface debris; use of reservoirs

10. The estimated amount of groundwater withdrawn each year:
     - Well(a): 3 million gallons for each well
     - Springs: in excess of 100 million gallons

11. The log of formations encountered in the drilling of each well if available. Log not kept. Formation consisted of top soil, clay, sand and gravel.

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: Robert C. Line

Date: 2-2-1967

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>State of Montana</th>
<th>County of Sweet Grass</th>
</tr>
</thead>
<tbody>
<tr>
<td>Filed at 26 May 63</td>
<td>27-5-43</td>
</tr>
<tr>
<td>Clerk: Lewis F. Nason</td>
<td>County Clerk</td>
</tr>
</tbody>
</table>

|$2,269$
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Robert C. Line and
Louise C. Line

(Name of Appropriator) (Address) (Town)

County of Missoula State of Montana

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

1. The location of the groundwater appropriated is shown on the attached diagram.

2. The beneficial use on which the claim is based is agriculture, household, irrigation and general farm use, including water for stock raising.

3. The date or approximate date of earliest beneficial use and how continuous the use has been is October 1923. Continuous since October 1923.

4. The amount of groundwater claimed is in miner's inches or gallons per minute. All available with a total of 150 gallons per minute plus unknown amounts.

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 is free flow to surface. Location par diagram as left.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater is October 1923 and March 1942.

8. The depth of water table is unknown. Various levels.

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 is free flow to surface. Water stimulated by removal of surface debris; use of reservoirs. Signatures of Owner

10. The estimated amount of groundwater withdrawn each year is in excess of 100 million gallons.

11. The log of formations encountered in the drilling of each well if available is not required for springs.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act is:

Signature of Owner

Date 12-21-1967

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)

Robert C. Line and
Louise C. Line
(Name of Appropriator) (Address) (Town)

County of Missoula 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 is
   agriculture, household, irrigation and general farm use, including water for stock raising.

2. Date or approximate date of earliest beneficial use; and how continuous the use has been
   since October 1923.

3. The amount of groundwater claimed (in miner's inches or gallons per minute) All available with a total of 400 gallons per minute plus unknown amount.

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 (40 acres) All of Sec. 15, T. 18 R. 16E

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Springs are free flowing to surface Location per diagram at left.

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater October 1923

7. The depth of water table Unknown Various levels

8. The estimated amount of groundwater withdrawn each year in excess of 100 million gallons

9. The log of formations encountered in the drilling of each well if available not required for springs

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 Robert C. Line

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. **Carl O. Kjermo**, of **Gray Cliff**
   - County of **Sweet Grass**
   - 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>E</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

   **SM 3/4 Sec. 16 T13 R16E**
   - Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. **The beneficial use on which the claim is based**: Domestic, livestock and irrigation use

3. **Date or approximate date of earliest beneficial use and how continuous the use has been**: Since Aug. 26, 1946 when I bought ranch and continuous thereafter

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

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

6. **The means of withdrawing such water from the ground and the location of each well or other means of withdrawal**
   - Automatic electric pump

7. **The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater**: Electric pump was installed in 1955

8. **The depth of water table**: 4 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**: Well is over 14 feet deep and it has a six inch casing

10. **The estimated amount of groundwater withdrawn each year**: See #4 above. The well has not been pumped dry

11. **The log of formations encountered in the drilling of each well if available**: Not available but it would be mostly gravel

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**: Carl O. Kjermo

**Date**: Dec. 26, 1963

---

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

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

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

1. E. O. Birkeland of Grey Cliff, Mont.
   (Name of Appropriate) (Address) (Town)

County of Sweet Grass State of Montana

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

2. The beneficial use for which the claim is based:
   Descriptive

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

4. The amount of groundwater claimed (in minor inches or gallons per minute): 1500 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:
   
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   By pump

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

8. The depth of water table:
   57 feet below 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:
   61 dia drilled 81' deep

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

11. The log of formations encountered in the drilling of each well if available:
    Sand (Conglomerate bed) 68' 81' East Conifer

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 Appropriate.
STATE OF MONTANA
County of Sweet Grass

Filed this 17th day of A.D. 1963
at 3:25 o'clock P.M.

By

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

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

1. Dwayne O. BroASTER, of糖Call, Mont.
   (Name of appropriator)

   County of Sweet Grass
   State of Montana

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

2. The beneficial use on which the claim is based. (Drinking)

3. Date or approximate date of earliest beneficial use: and how continuous the use has been. 12/1/1930 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 100 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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. April 1930 - April 1930

8. The depth of water table. 20 ft. below 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.

10. The estimated amount of groundwater withdrawn each year. 2,000,000 gal/yr

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: Dwayne O. Broaster
Date: 12-31-63

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

**DEVELOPED AFTER JANUARY 1, 1962**

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

**Owner:**
- **Name:**
- **Address:**

**Driller:**
- **Name:**
- **Address:**

**Date of Notice of appropriation of groundwater:**

**Date well started:**

**Date completed:**

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

**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.**

**Site of Drilled Well**
- **Depth:**
- **Weight of Collar:**
- **From:**
- **To:**

**PERFORATIONS**
- **Kind:**
- **Size:**
- **From:**
- **To:**

**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:**
- **Buried & Pumped**
- **Leach of Test:**

**Remarks:** (Gravel packing, cementing, packers, type of slug, etc.)
- **Well Name:**
- **Location:**
- **Remarks:**
- **Water 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, these three copies 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:**

**Date:**

---

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

**DEVELOPED AFTER JANUARY 1, 1962**

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

**Owner:**
- **Name:**
- **Address:**

**Driller:**
- **Name:**
- **Address:**

**Date of Notice of appropriation of groundwater:**

**Date well started:**

**Date completed:**

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

**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.**

**Site of Drilled Well**
- **Depth:**
- **Weight of Collar:**
- **From:**
- **To:**

**PERFORATIONS**
- **Kind:**
- **Size:**
- **From:**
- **To:**

**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:**
- **Buried & Pumped**
- **Leach of Test:**

**Remarks:** (Gravel packing, cementing, packers, type of slug, etc.)
- **Well Name:**
- **Location:**
- **Remarks:**
- **Water 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, these three copies 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:**

**Date:**
STATE OF ONTARIO
COUNTY OF BURLINGTON

APPLICATION FOR GRANT OF WATER RIGHTS

Notice of completion of groundwater appropriation without well
(Under Chapter 337, Ontario Session Laws, 1964)

Date of appropriation of groundwater:

Owner:

Address:

Contractor (if any):

Address of Contractor:

Date Started:

Date Completed:

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

Gravity Flow

Surface Flow

Quantity of water developed and used with explanation of method used to measure or estimate such amount:

If use is intermittent estimate approximate length of periods of use:

Sec. 1

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

1 NW 1/4 SE 1/4

2 SW 1/4 NE 1/4

Signature of Owner:

[Signature]

12-3-64

having first been duly sworn, depose and say:

that he, the appropriator and claimant of the water right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person whose name is subscribed below, as the appropriator and claimant, in that he knew the contents of said foregoing notice and that the matters and things therein stated are true.

Date of completion: 12-3-64

[Signature]

Deputy Registrar of Water Rights

Register at:

Burlington, Ont., Jan. 7, 1967

[Signature]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Alfred C. Orthwaite
   (Name of Appropria)tor)
   of  Pa Co., Montana
   (Address)
   (Town)
   County of
   State of
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
   840.0
   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.
   Gas meter

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   Started completed 1961

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.
   Drilled well
   8" casing
   50 ft

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

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

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

Signature of

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

1. Christ Schott of Box 5
   (Name of Appropriator) (Address) (Town)
   County of Sweet Grass State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based. Irrigation, livestock water and household water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Bought land in 1947 and have been using water from well continuously since that day.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Garden and yard are irrigated one acre. Christ Schott and Pauline Schott, owners.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Water is pumped by means of an electric motor attached to pump.

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

8. The depth of water table. 70 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. Well is dug and is approximately 50 feet deep.

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

11. The log of formations encountered in the drilling of each well if available. 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. I have never been able to keep this well dry, even when running dry, and right to irrigate my garden and yard.

Signature of Owner: L. C. Schott
Date: Mar. 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 Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Montana Highway Commission Address: Helena, Montana

Driller: Montana Highway Department Address: Helena, Montana

Date of Notice of appropriation of groundwater: May 21, 1970
Date well started: May 1, 1970 Date completed: May 21, 1970

Type of well drilled: Churn drill

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

Indicate on chart the 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.

| Top of Ground | Sandy silt | 640' | 24.0' |
| Top of Ground | Sand | 670' | 27.0' |
| Top of Ground | Very dense sandy gravel | 643.4' |
| Top of Ground | Livingston formation | 53.7' |
| Bottomed well in | Livingston formation |

**PERFORATIONS**

<table>
<thead>
<tr>
<th>Size and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size of Drilled Hole</td>
<td>7.061&quot;</td>
<td>94.2'</td>
</tr>
<tr>
<td>Weight (Feet)</td>
<td>28.559 lbs.</td>
<td>100 slot</td>
</tr>
<tr>
<td>L.C. steel</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>L.C. steel</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Screen</th>
<th>42.6'</th>
</tr>
</thead>
<tbody>
<tr>
<td>53.7'</td>
<td></td>
</tr>
</tbody>
</table>

| Static Water Level for non-flowing well | 32.5' feet |
| Shut-in Pressure for flowing well | 30.0 feet |
| Pumping Water Level | 18.0 feet |
| Discharge in gal. per min. of flowing well | 50.0 gal. per minute |
| How Tested | pumped |
| Length of Test | 3 hours |
| Remarks: (Gravel packing, cementing, packers, type of shutoff) |

**WATER ANALYSIS**

- Methyl Orange Alkalinity: 24.4 ppm CaCO₃
- Total Hardness: 142.0 ppm CaCO₃
- Total Solids: 221 ppm

**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).

**Total Solids 218 ppm (Continue on reverse side)**

**Remarks**

- (Gravel packing, cementing, packers, type of shutoff)

**Total Solids 218 ppm**

**Total Solids 218 ppm**

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: Montana Highway Commission
Address: Helena, Montana

Driller: Montana Highway Department
Address: Helena, Montana

Date of Notice of appropriation of groundwater: 5/19/70
Date well started: May 19, 1970
Date completed: May 29, 1970

Type of well: drilled
Equipment used: Churn drill

Water use: Domestic □ Municipal □ Stock □ Irrigation □
Industrial □ Drainage □ Other □
Rest Area Water Supply

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.

Static Water Level for non-flowing well 57.0' feet
Shut-in Pressure for Flowing Well 67.3' feet
Pumping Water Level 77.3' feet
Discharge in gal. per min. of flowing well

How Tested: Pumped
Length of Test: 3 hours

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

Water Analysis:
- pH: 7.8
- CO2: none
- Phosphate alkalinity: 7.0 p.p.m.
- Methyl Orange alkalinity: 126.6 p.p.m. CaCO3
- Total hardness

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).

Driller's License Number
Driller's Signature

Duplicate

County: Sweet Grass

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1963**

(Under Chapter 237, Montana Session Laws, 1961)

| Owner: Montana Highway Commission | Address: Helena, Montana |
| Driller: Montana Highway Department | Address: Helena, Montana |

Date of Notice of appropriation of groundwater: 5/19/70

Date well started: May 19, 1970

Date completed: May 29, 1970

**Type of well:** Drilled

**Equipment used:** Churn drill

**Water use:** Domestic □ Municipal □ Stock □ Irrigation □

**Rest Area Water Supply:**

Indicates on the diagram the character and thickness of the different strata met with in drilling. Such as soil, clay, 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>Depth of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Total Depth</th>
<th>Screen</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10' ID steel</td>
<td>19.35 lbs. per ft.</td>
<td>95'</td>
<td>99.3'</td>
<td>100 slot</td>
<td>L.C. steel</td>
</tr>
</tbody>
</table>

**Static Water Level:** 57.0 feet

**Shut-in Pressure for Flowing Well:** None

**Pumping Well Level:** 57.3 feet

**Discharge in gal. per min. of flowing well:** 92 gal. per minute

**How Tested:** Pumped

**Length of Test:** 3 hours

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

**WATER ANALYSIS**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>pH</td>
<td>7.6</td>
</tr>
<tr>
<td>CO₂</td>
<td>2.0 p.p.m.</td>
</tr>
<tr>
<td>Orthotall acid</td>
<td>120.0 p.p.m.</td>
</tr>
<tr>
<td>Total hardness</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater:

Owner:
Address:

Contractor (if any):
Address of Contractor:

Date Started:
Date Completed:

Describe means of obtaining groundwater, without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. No. 1 has concrete collection
basin, spring 18" sq. and 28" deep from
which water is piped to hose and stock.
No. 2 has pipe from spring source
into steel stock tank.

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.

No. 1 flows
7.5 inches, inches in peak season and
5 inches in dry season, watering stock, irrigating
lawn, garden and household water.

No. 2 flows 5 g.p.m. for stock year around.

Signature of Owner:

Date:

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,
County of Sweet Grass,

Filed this 25th day of January, A.D. 1944
at 9:00 A.M.,

ARNE NANCE
County Clerk

by

Deputy
Rudolf Foister of Grey Cliff (Post)
County of Sweet Grass, 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: 1905

4. The amount of groundwater claimed (in inches or gallons per minute): 25 gpm

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

Sec 22 T15 R16E

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

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

8. Depth of water table: 10 ft

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

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

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

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

SIGNATURE OF OWNER

STATE OF MONTANA
COUNTY OF SWEET GRASS

Rudolf Foister


Subscribed and sworn to before me, this 31 day of Oct., 1963, and recorded in book 

FILED FOR RECORD on the day of , 19 at , and recorded in book 

Notary Public for the State of Mont.
Commission expires 02/20/67
STATE OF MONTANA.
County of Sweet Grass, ss.

Filed this 25th day of Jan., 19__
By ____________
Ditto.
**Notice of Completion of Groundwater Appropriation Without Well**

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

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Date of Appropriation of Groundwater

Owner: BERNICE OSTRUM
Address: REED POINT, MONT.

Contractor (if any): NONE

Address of Contractor: NO

Date Started: NO
Date Completed: NO

DEVELOPMENT: NATURAL SPRING

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1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.): NATURAL SPRINGS, UNDEVELOPED

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2) Means of withdrawing water (gravity, pump, canal, etc.): GRAVITY FLOW

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3) Depth of water table: ABOUT 2 FT.

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4) Use of the water: STOCK WATER

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5) Amount of groundwater claimed (in minor's inches, or gallons per minute): 75 INCHES

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6) If used for irrigation, give number of acres and description of land, APPROX. 4 ACRES, CULTIVATED

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7) Estimate amount of water used each year: 75 INCHES

Signature of Owner: [Signature]

Date: JUNE 18, 1973

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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.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: October 16, 1963

Owner: Vann Bondell
Address: Mail

Contractor (if any): 
Address of Contractor:

Date Started: Date Completed:

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

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

Signature of Owner: Vann Bondell
Date: Oct 16, 1963

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

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

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

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

County of Sweet Grass

Filed the 24th day of August, A.D. 1853

at 11:00 o'clock A.M.

Anne Nash
County Clerk

By: ________________

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

Vern Bondell
of Reed Point
Mont

County of Sweet Grass
State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1924, as follows:

1. Name of Appropnator
2. Address
3. Town

<table>
<thead>
<tr>
<th>N</th>
<th>1</th>
<th>2</th>
<th>3</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>S</td>
<td>1</td>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
</tbody>
</table>

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1920

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

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:
   - 1/2 Acre of lawn

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: 15 feet

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

10. The estimated amount of groundwater withdrawn each year: 187,500 gallons

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

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

Signature of Owner: Vern Bondell
Date: Oct 10, 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 Appropnator.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner:  [Name]
Address:  [Address]

Driller:  [Name]
Address:  [Address]

Date of Notice of Appropriation of Groundwater:  [Date]

Date Well Started:  [Date]
Date Completed:  [Date]

Type of Well:  [Type]
Equipment Used:  [Equipment]

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 inches</td>
<td>6 7/8</td>
<td>14.97</td>
<td>24</td>
<td></td>
</tr>
<tr>
<td>4 1/2 inches</td>
<td>Plaste</td>
<td>7-47</td>
<td>37-43</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well:  [Depth in Feet]
Shut-In Pressure for Flowing Well:  [Pressure in psi or kPa]
Pumping Water Level:  [Footage in Feet]
Discharge in gal. per minute of flowing well:  [Rate in gal/min]

How Tested:  [Method]
Length of Test:  [Time in Hours]
Remarks:  [Additional Notes]

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

No. 24 T. 15 S. R. 16 E

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, these copies to be retained by driller.

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

Driller's License Number:  [License Number]
Driller's Signature:  [Signature]