<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Jennings &amp; Hill</td>
<td>LW 2</td>
<td>125275</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Mrs. Fred M. Cook</td>
<td>LW 3</td>
<td>352</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Mrs. Fred M. Cook</td>
<td>LW 4</td>
<td>352</td>
<td>Same as above</td>
</tr>
<tr>
<td>10</td>
<td>Mrs. Ethel L. Draper</td>
<td>LW 4</td>
<td>62540</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Mrs. Alva W. Kendrick</td>
<td>LW 1</td>
<td>920741</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Wallace Britton</td>
<td>LW 4</td>
<td>517</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Northern Sampling Co.</td>
<td>LW 4</td>
<td>730</td>
<td>Location plan accepted</td>
</tr>
<tr>
<td>14</td>
<td>Howard W. Rettlum</td>
<td>LW 2</td>
<td>719</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Joe Nunnink</td>
<td>LW 5</td>
<td>588</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Almira R. Hill</td>
<td>LW 5</td>
<td>67</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>B. M. Bartig</td>
<td>LW 3</td>
<td>126609</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Steve Laberge</td>
<td>LW 2</td>
<td>126720</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Frank E. Hettman</td>
<td>LW 4</td>
<td>62285</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Edward T. Becker</td>
<td>LW 2</td>
<td>15995</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>Eddie F. Christian</td>
<td>LW 2</td>
<td>13240</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>Arthur &amp; Harold</td>
<td>LW 4</td>
<td>122231</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>Philip R. Lewis</td>
<td>LW 1</td>
<td>12546</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>Roland R. Lewis</td>
<td>LW 2</td>
<td>125545</td>
<td>Same as above</td>
</tr>
<tr>
<td>36</td>
<td>W. F. of H. Lewis</td>
<td>LW 2</td>
<td>13266</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>H. F. of H. Lewis</td>
<td>LW 2</td>
<td>13266</td>
<td>Same as above</td>
</tr>
<tr>
<td>36</td>
<td>Park Drifted Dakota</td>
<td>LW 2</td>
<td>654</td>
<td></td>
</tr>
<tr>
<td>41</td>
<td>Sea Monster Boats</td>
<td>LW 3</td>
<td>120491</td>
<td></td>
</tr>
</tbody>
</table>
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

Address

Date well started

Completed

Type of well

Equipment used

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>State of</th>
<th>Size and Location of</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>Kinds</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
</table>

Detail

Well developed by

Power: Pump: HP

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

Driller's Signature

Driller's Address

LICENSE NO...
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: Dennis E. Hill

Address: Thompson Falls

Date well started: June 19, 1973

Date well completed: June 23, 1973

Type of well: drilled (Drill, drive, bend or drilled)

Equipment used: Pump 1/2 HP

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 Well</th>
<th>Size of Pipe</th>
<th>Flow (gpm)</th>
<th>Method of Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; x 7&quot;</td>
<td>4&quot;</td>
<td>0</td>
<td>Does not serve</td>
</tr>
</tbody>
</table>

Static water level: 46 ft.
Pumping water level: 48 ft.
at 35 gallons per minute, measured 12 minutes after pumping began.

*Measured from ground level.

Well developed by: for 5 hours.

Power: Pump: HP

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

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

Driller's Signature: J. K. Hill

Driller's Address:

LICENSE NO.: 53682
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater... 1965
Owner... Mr. John A. Cook... Address... Belnap, Mont.
Contractor (if any)... No
Address of Contractor... None
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... None

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...

Every day use for cattle

Signature of Owner... John A. Cook
Date... Dec. 30, 1965

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

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

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

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

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

1. Mr. Jess M. Cook
   (Name of Appropriator) Selma
   (Address) (Town)

County of Sanders State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...6 years

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

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.
   No

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

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...
   5 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: Comment walls

10. The estimated amount of groundwater withdrawn each year...16,260

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

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

Signature of Owner

Date: Dec. 30, 1965

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriate.
I received and filed this instrument for record on the 30th day of Dec., 1963, in book A.

Dwight M. Dodson
County Recorder
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Rex H. and Altha M. Thompson of Belt, Flathead, Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>Section</th>
<th>Township</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 S 36 E</td>
<td>T 22 N</td>
<td>R 30 W</td>
</tr>
</tbody>
</table>

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1940 or 1942. Steady.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1200 gal. per hour.

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 irrigation.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1940 or 1942. Completed and put a metal cribbing in about three years ago.

8. The depth of water table: four 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: Type, shallow well, Bore, 1 foot in diameter, 60 feet deep.

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

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

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

Signature of Owner: Altha M. Thompson
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 Appropriator.
I received and filed this instrument for record on the 27th day of Dec., 1963, at 11:40 a.m., and do hereby declare it recorded.

(Signed)

County Recorder

County Recorder

By

Dixie Vought
By
**WATER WELL LOG**

**Owner:** A. W. Trueax and Son  
**Address:** Thompson Falls

**Driller:** Earl King  
**Address:** St. Ignatius

**Date Started:** June 1959  
**Date Completed:** July 1959

**Location:** Sec. 13 T. 22 R. 30 W. 6. M.:

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>Chukar Drill</td>
</tr>
</tbody>
</table>

**Water use:**
- Domestic [x]
- Municipal [ ]
- Stock [x]
- Irrigation [x]
- Industrial [ ]
- Drainage [ ]
- Other: General farm use

**Casing:**
- Grounded ft. to 100 ft.  
- Type: Steel  
- Size: 6 inches

**Perforated or Screened:**
- Ft. to ft.  
- Type: Steel  
- Size:

**Type of screen or perforations:**
- Steel pipe

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

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

**Pumping water level:**
- 88 feet at gal. per min.

**How tested:**

**Length of test:**

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0 ft</td>
<td>Top soil, sandy loam, some clay</td>
</tr>
<tr>
<td>6 ft 106</td>
<td>Porous gravel, some rock, some clay-sand</td>
</tr>
</tbody>
</table>

Log of Well

[Signature]

[Date]

County Recorder
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. WALLACE BRITTON of THOMPSON FALLS
   (Name of Appropriator) 
   (Address) 
   (Town) 

   County of SANDERS 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: Stock domestic and garden irrigation

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1958 continuous

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

   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: Small crop, pasture, vineyard - Owners WALLACE & HAMISH BRITTON

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric pump - 120 ft. static head - 10 ft. steel casing

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1958

   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: 100 ft. deep

   10. The estimated amount of groundwater withdrawn each year: 36,000 gallons

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

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

   Signature of Owner WALLACE BRITTON
   Date: Dec 31, 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.
The instrument for record on the 31st day of Dec, 1963 at 2:30 o'clock P.M.

Dorothy Anderson

By

[Signature]
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>Northern Pacific Railway Co.</th>
<th>of</th>
<th>N.P. Section House</th>
<th>Well Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Name of Appropriator)</td>
<td></td>
<td>(Address)</td>
<td>(Town)</td>
</tr>
<tr>
<td>Sanders</td>
<td>State of</td>
<td>Montana</td>
<td></td>
</tr>
</tbody>
</table>

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

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

3. Date or approximate date of earliest beneficial use; and how continuously the use has been
   April 27, 1952 to present

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

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Started April 27, 1962   Completed April 27, 1962

8. The depth of water table
   89 feet

9. So far as it may be available, the name, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   A fan drilled well, 107 feet deep

10. The estimated amount of groundwater withdrawn each year
    well stopped at present time

11. The log of formations encountered in the drilling of each well if available
    see attached log 49

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
    Home

Northern Pacific Railway Company

Date: November 1, 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.
N. M. Lorentzen, having been duly sworn, deposes and says:

That he is of lawful age; that he is Division Superintendent of the Northern Pacific Railway Company and has his office and resides in the City and County of Spokane, State of Washington; that as Division Superintendent of said Northern Pacific Railway Company his territory embraces the town of Belknap, Sanders County, Montana; that the Northern Pacific Railway Company is the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the said N. M. Lorentzen is authorized by the Northern Pacific Railway Company to execute on its behalf the foregoing Declaration of Vested Groundwater Rights; that as Division Superintendent of the Northern Pacific Railway Company and authorized to act on its behalf he has read and knows the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this 14th day of November, 1963.

Notary Public in and for the State of Washington
Residing at Spokane, Washington

My Commission expires April 1964
BELKNAP, MONT. AFE. 303-51. SECTION HOUSE.

6' Well, 107' Deep.
Drilled by Walter Riddick, contractor, Helena, Mont.

Ground line.
2' Black loam top soil.
18' Yellow clay.
3' Sand.
9' Pea gravel.
20' Coarse gravel & boulders.
10' of 6' Std. W. S. P (well casing).
12' Coarse gravel & sand.
10' Coarse gravel & boulders.
7' Coarse gravel & clay (small amount of water).
10' Fine gravel & clay.
4' Fine gravel & sand.
12' Coarse gravel & sand.
6' Drive shoe.

VERT. SCALE 1"=20'

Water Analysis, 5/28-52

<table>
<thead>
<tr>
<th>Substance</th>
<th>G.P.G.</th>
<th>Expressed as CaCO₃</th>
</tr>
</thead>
<tbody>
<tr>
<td>Calcium bicarbonate</td>
<td>7.5</td>
<td></td>
</tr>
<tr>
<td>Magnesium</td>
<td>3.0</td>
<td>3.0</td>
</tr>
<tr>
<td>Sulfate</td>
<td>3.5</td>
<td></td>
</tr>
<tr>
<td>Chloride</td>
<td>0.2</td>
<td></td>
</tr>
<tr>
<td>Sodium carbonate</td>
<td>0.0</td>
<td>0.0</td>
</tr>
<tr>
<td>Bicarbonate</td>
<td>0.0</td>
<td></td>
</tr>
<tr>
<td>Sulfate</td>
<td>0.7</td>
<td>0.7</td>
</tr>
<tr>
<td>Chloride</td>
<td>0.59</td>
<td></td>
</tr>
<tr>
<td>Silica</td>
<td>1.3</td>
<td></td>
</tr>
<tr>
<td>Iron</td>
<td>0.0</td>
<td>0.0 P.P.M.</td>
</tr>
<tr>
<td>pH</td>
<td>7.8</td>
<td></td>
</tr>
</tbody>
</table>

Total dissolved solids 17.3 G.P.G. actual.
Turbidity 5

Note: See file 1060-1, for drilling and test data.
Office of Engineer of Water Service, St. Paul.

LOCATION PLAN Scale 1"=100'
I received and filed this instrument for record on the 26th day of Nov., 1963, at 9:26 A.M.

[Signature]

County Recorder

[Signature]

By

[Signature]
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

---

**Owner:** Howard H. Retzlaff  
**Address:** Thompson Falls

---

**Date of Notice of appropriation of groundwater:** 6/19/67  
**Date well started:** 6/22/67  
**Date completed:** 7/7/67

---

**Type of well drilled:** chunn  
**Equipment used:** 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 Bore Hole</th>
<th>Site and Weight of casing</th>
<th>From</th>
<th>To</th>
<th>PERFORATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; LD</td>
<td>260</td>
<td>0</td>
<td>110</td>
<td>done not apply</td>
</tr>
</tbody>
</table>

---

**Static Water Level for non-flowing well:** 60 feet

**Shut-in Pressure for flowing well:** 280 feet

**Pumping Water Level:** 65 feet

**Discharge in gal. per min. of flowing well:** 30 gal. per minute

**How Tested:** bored and pumped

**Length of Test:** 14 hours

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

---

**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).
I received and filed this instrument for record on the 13th day of October, 1967, at 11:15 A.M.

Suffolk Dickson
County Recorder

P.C. Clay
Deputy
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...

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

Signature of Owner...
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.
I received and filed this instrument for record on the
2 day of Aug.
19-64 w 8:14 a.m.

Wm. P. McDannell
Surv. Recorder

Re, (w)

Nixon Vaught, Cpl.
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: Aug. 10, 1936

Owner: Glenn D. Hill
Address: Belknap

Contractor (if any): none
Address of Contractor: none

Date Started: June 1st. Date Completed: Aug. 10, 1936

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

was clean out-a cementation was built housed and piped about 4 miles to the building

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.

The water is used for household purposes, livestock, and to irrigate the flowers and garden in the summer. The spring flows about 250 gal. per hr.

Signature of Owner: Glenn D. Hill
Date: June 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 Appriniator.
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 .............. Don Saint
Address .............. Thompson Falls
Montana
Date well started .............. 10/23/72
completed .............. 10/27/72
Type of well .............. Drilled
Equipment used .............. Churn Drill
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>Depth</th>
<th>Gallons</th>
<th>Rate</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 in.</td>
<td>0</td>
<td>106</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level 37 ft.*
Pumping water level 36 ft.*
at 25 gpm gallons per minute measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by building for 6 hours.
Power........ Pump........ HP
Remarks: (Gravel packing, cementing, packers, type of shut-off)

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

Driller's Signature .............. Chris Longstreet
Driller's Address .............. Box 1361 Trout Creek, Montana

LICENSE NO. 202

Top of Ground (Elev. above sea level)

<table>
<thead>
<tr>
<th>Depth (Ft)</th>
<th>Top of Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>5</td>
<td>106</td>
</tr>
</tbody>
</table>

100 feet show exact depth of bottom
STATE WATER CONSERVATION BOARD

STATE OF MONTANA
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: [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: [Indicate use]

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.

This form to be prepared by driller, and three copies to be filled 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, 1965**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** Steve Hackbar Address: ___________________________

**Driller:** Ken Williams Address: 119 North 18 St. MISSOULA MT 59801

**Date of Notice of Appropriation:** Aug 31, 1965

**Date Well Started:** Aug 31, 1965 **Date Completed:** Sep 7, 1965

**Type of Well:** Drilled **Equipment used:** 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.

<table>
<thead>
<tr>
<th>Strata of Hole</th>
<th>Strata of Casing</th>
<th>From Strata</th>
<th>To Strata</th>
<th>PREPARATIONS</th>
</tr>
</thead>
</table>

**Static Water Level for non-flowing well:** 55 feet

**Shut-in Pressure for Flowing Well:**

**Pumping Water Level:** 63 feet at 2.4 gal per minute.

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

How Tested: Ball Test

**Length of Test:** 4 Hrs.

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.**

---

**(Continue on reverse side)**

**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 1/ the owner with the County Clerk and Recorder in the county in which the well is located, times copy to be retained by driller.

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

Driller's License Number: ___________________________

Driller's Signature: ___________________________

Dr. 151

39573
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)

1. Fred E. Gettman and Mildred T. Gettman, of Thompson Falls, Montana
   (Name of Appropriator) (Address) (Town)
   County of Sanders
   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 purposes and watering cattle

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 15th, 1949 and continuous since that date

   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: No irrigation

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: May 20th, 1967 and completed on or about May 30th, 1967

   8. The depth of water table: approximately 5 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: 30 feet deep, 1.5 feet in diameter at bottom of well and about 3 feet at the top

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

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

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


Signature of Owner: Fred E. Gettman

Date: December 9th, 1963

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

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

Owner: Edward T. Reeser
Address: Butte, Mont.

Driller: Philip A. Lewis
Address: Thompson Falls, Mont.

Date of Notice of appropriation of groundwater: Aug. 23, 1967
Date completed: Sept. 5, 1967

Type of well: 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.

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

File No. 280

County Signature

Duplicate

Log

Top of Ground

30 feet above sea level

Clay and gravel

2 feet of bottom of well

Water leaving gravel

19 28. 15/20 Drive shoe

14 20 Drive shoe

Static Water Level for non-flowing well

5 feet

Shut-in Pressure for flowing well

14 28

Pumping Water Level

at

8 gal. per minute

Discharge in gal. per min. of flowing well

14 28

How Tested

Pumping

Length of Test

3 2 hours

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

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).

Signed:

Date:

136

Driller's License Number

Driller's Signature
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: Clyde Thompson
Address: Thompson Falls, Montana
Date well started: 8/18/71
Date well completed: 8/23/71

Type of well: Drilled
Equipment used: Churn drill

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).

[Table: Top of Ground: (Elev. above sea level)]

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>(Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Top soil and sand</td>
</tr>
<tr>
<td>7</td>
<td>gravel with some</td>
</tr>
<tr>
<td>17</td>
<td>gravel and water</td>
</tr>
<tr>
<td>47</td>
<td>clay</td>
</tr>
<tr>
<td>60</td>
<td>hard sand and hard rock</td>
</tr>
</tbody>
</table>

Driller's Signature: ________
Driller's Address: 1601 Wash. Way, Thompson Falls, Montana

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

Static water level: 35 ft.
Pumping water level: 25 ft.
(gallons per minute, measured 15 minutes after pumping began.
*Measured from ground level.
Well developed by pump for _______ hours.
Power: _______ HP
Remarks: (Gravel packing, cementing, packers, type of shut-off)

Driller's Signature: ________
Driller's Address: 1601 Wash. Way, Thompson Falls, Montana

LICENSE NO. 202

45 ft. Show exact depth of bottom
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, 1955
(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, state otherwise the form may be returned.

Owner ____________________________
Address ____________________________
Owner ____________________________
Date well started ____________________
completed ____________________________
Type of well ________________________
Equipment used ________________________
Water Use: Domestic □ Municipal □ Stock □ Irrigation □
Industrial □ Drainage □ Other □ Garden/Lawn □

*Describe TRAILER COURT

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>Size of Hole (feet)</th>
<th>Rate of Flow (gallons per minute)</th>
<th>Depth of Water Level (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>1.6</td>
<td>45</td>
</tr>
</tbody>
</table>

Static water level ______ ft.
Pumping water level ______ ft.

Gallons per minute measured ______ minutes after pumping began.
*Measured from ground level.
Well developed by ______ for ______ hours.
Power ______
Remarks: (Gravel packing, cementing packers, type of shutoff)

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

Driller’s Signature ______________________
Driller’s Address ____________________________
LICENSE NO. __________

County: ____________________________

DRILLER’S LOG

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

Top of Ground

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>43</td>
<td>7</td>
</tr>
<tr>
<td>7</td>
<td>59</td>
</tr>
<tr>
<td>59</td>
<td>68</td>
</tr>
<tr>
<td>68</td>
<td>72</td>
</tr>
</tbody>
</table>

Show exact depth of bottom.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Arthur A. Harlow, of Thompson Falls
(Name of Appropriator) (Address) (Town)
County of Sanders, State of Montana

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

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

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

4. The amount of groundwater claimed (in miner’s inches or gallons per minute.) 50 gal. per minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   1943, approximately

8. The depth of water table:
   100 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   Drilled — 60’ casing — 120 ft. deep

10. The estimated amount of groundwater withdrawn each year:
   120,000 gallons

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

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

Signature of Owner ____________________________
Date Dec. 2, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
I received on this instrument for record on the 3 day of December
1968, at 11:20 o'clock A.M.
Respectfully submitted

[Signature]

[Signature]
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: PHILIP LEWIS
Address: Box 11A
THOMPSON FALLS MONT
Date well started: MARCH 17, 1972
completed: APRIL 1, 1972

Type of well: DRILLED
Equipment used: CHURN DRILL

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). TWO ACRES

ESTIMATED ANNUAL WITHDRAWAL: 1 ACRE FOOT

PERIMETER:

<p>| Top of Ground (Elev. above sea level) |</p>
<table>
<thead>
<tr>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.15</td>
<td>SANDY SILT</td>
</tr>
<tr>
<td>1.50</td>
<td>FINE SAND</td>
</tr>
<tr>
<td>4-C</td>
<td>COURSE SAND</td>
</tr>
<tr>
<td>SMALL GRAVEL</td>
<td>WATER</td>
</tr>
<tr>
<td>5.16</td>
<td>CLAY</td>
</tr>
<tr>
<td>60.75</td>
<td>ROCK, HARD</td>
</tr>
<tr>
<td>STAND, HARD TO</td>
<td></td>
</tr>
<tr>
<td>CALED</td>
<td></td>
</tr>
<tr>
<td>WATER CAN'T</td>
<td></td>
</tr>
<tr>
<td>FROM AS TO 15</td>
<td></td>
</tr>
<tr>
<td>FEET</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 25 ft
Pumping water level: 25 ft
at 30 gallons per minute,
measured 60 minutes after pumping began.

*Measured from ground level
Well developed by \( 	ext{PUMPING} \)
for 12 hours
Power: \( 	ext{ELECTRIC} \) Pump: \( 2 \) HP
Remarks: (Gravel packing, cementing, packer, type of shut-off) \( \text{NO} \)

Driller's Signature:bie
Driller's Address: Box 1361
칫T Creek Mont.
LICENSE NO. 207

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

65, 176
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: PHILIP R. LEWIS

Address: BOX 11A

THOMPSON FALLS, MONT.

Date well started: JUNE 1, 1967

Date well completed: JUNE 15, 1967

Type of well: DRILLED

Equipment used: CHIMNEY DRILL

Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]

Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

*Describe: NOT APPLICABLE

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).

TWENTY ACRES

ESTIMATED ANNUAL WITHDRAWAL: 2 ACRE FEET

<table>
<thead>
<tr>
<th>Depth</th>
<th>Diameter</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 IN</td>
<td>6 IN</td>
<td>TOP OF GRIP</td>
<td>106 FT</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 30 FT
Pumping water level: 32 FT
at 50 gallons per minute, measured 60 minutes after pumping began.

*Measured from ground level.
Well developed by: DRILLER'S POP
Power: 3/4 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.

EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature: PHILIP R. LEWIS

Driller's Address: BOX 11A THOMPSON FALLS, MONT.

LICENSE NO. 126

106 FT Show exact depth of bottom
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

ONTO-ONTARIO WATER RESOURCES BOARD

RECEIVED

APR 5 1966

STATE OF MONTANA
THOMPSON FALLS ST. PK.

File No. 228 R 30N

County SANDERS

Owner: GLIANE CAMP
Address: 1022 3rd AVE
THOMPSON FALLS, MONTANA

Driller: GLIANE CAMP
Address: MISSOURI, MONTANA

Date of Notice of appropriation of groundwater: MARCH 21, 1966

Date of Completion: MARCH 5, 1966

Hole # 1

Top of Ground

Elev. above mean level

0-2 Silty Sand & Clay

0-21 Clay, gravel & sand

21 Seep of water

21-37 Clay

37-56 Rock- Seams of clay

No Water

Casing Pull & Hole Filled with clay

Type of well: Drilled

Equipment used: Churn drill

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

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 minute

How Tested

Length of Test

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

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

License # 7

Driller's License Number

Driller's Signature

14/025

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.
I received and filed this instrument for record on the 3rd day of April 1968 at 8:02 a.m.

Dorothy Anderson
County Recorder
By: R. J. Slaughter
Dfp.
### 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**

---

**Date of Notice of appropriation of groundwater**: Date well started, March 6, 1968... Date completed March 16, 1968...

**Type of well**: Drilled

**Equipment used**: Churn Drill (Churn drill, rotary or other)

**Water use**: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]

**Water In Rock**: (about 12.00 ft.)

**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**: 26 ft.

**Shut-In Pressure for Flowing Well**: 787 ft.

**How Tested**: Test Pump

**Length of Test**: 2 Hours

**Remarks**: (Gravel packing, cementing, packers, type of shutoff)... Cement Grout... from Grt. of... using 9 bags cement... 1 bag cement = 3 Gal. water

**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 License Number

**License # 2**

Driller's Signature

---

**County**

**Sanders**

**File No.** 225

**File Date** 2/28/1968

**Duplicate**

**STATE OF MONTANA**

**THOMPSON FALLS ST. PK.**

**FISH & GAME**

Address: Thompson Falls, Mont. 59222, 145H W.

---

**County Clerk and Recorder**

**In the county in which the well is located, tissue copy to be retained by driller.**

---

**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.**

---

**File No.** 225

**File Date** 2/28/1968

**Duplicate**

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

---

**Date of Notice of appropriation of groundwater**: Date well started, March 6, 1968... Date completed March 16, 1968...

**Type of well**: Drilled

**Equipment used**: Churn Drill (Churn drill, rotary or other)

**Water use**: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]

**Water In Rock**: (about 12.00 ft.)

**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**: 26 ft.

**Shut-In Pressure for Flowing Well**: 787 ft.

**How Tested**: Test Pump

**Length of Test**: 2 Hours

**Remarks**: (Gravel packing, cementing, packers, type of shutoff)... Cement Grout... from Grt. of... using 9 bags cement... 1 bag cement = 3 Gal. water

**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 License Number

**License # 2**

Driller's Signature

---

**County**

**Sanders**

**File No.** 225

**File Date** 2/28/1968

**Duplicate**

**STATE OF MONTANA**

**THOMPSON FALLS ST. PK.**

**FISH & GAME**

Address: Thompson Falls, Mont. 59222, 145H W.

---

**County Clerk and Recorder**

**In the county in which the well is located, tissue copy to be retained by driller.**

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**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.**

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**Please answer all questions. If not applicable, so state, otherwise the form will be returned.**
I received and filed
this instrument for record on the 3rd
day of April 1942

Hastie Anderson
County Recorder

[Signature]
Notice of Completion of Groundwater Appropriation by Means of Well

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

Owner: Park Dr. Post Office Address: H-CHA, Park

File No.: U1R...

Date of Notice of appropriation of groundwater:...

Date well started: July 9, 1965; Date completed: July 16, 1965

Type of well: Drilled. Equipment used: Churn Drill

Water use: Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other [PARK]

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>Depth (ft)</th>
<th>Character of Soil</th>
<th>Well Diameter</th>
<th>Water Level</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Ground Surface</td>
<td>6-7 O.D.</td>
<td>35 ft</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>(soil, clay)</td>
<td>18.97 ft</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 34-1/2 ft.
Shut-In Pressure for Flowing Well:...

Pumping Water Level: 130 ft.

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

How Tested: B & T
Length of Test: 41 Hours
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Lot b

See Sec. 36, T24 N., R.24 E.

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, 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

29319
I received and used this instrument beginning on the 21st day of July 1908, from 10 to 10 o'clock.

Barney Wander
County Recorder

By

Evelyn, Cert. Dep
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: Thompson Falls, Montana

Address: Thompson Falls, Montana

Date well started: 3/29/70

Type of well: Drilled

Equipment used: Churn drill

Water Use: Domestic ☑ Municipal ☐ Stock ☐ Irrigate ☐

*Describe: [application]

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

ESTIMATED ANNUAL WITHDRAWAL:

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Depth ofwell</th>
<th>Feet (Ft)</th>
<th>Feet (Ft)</th>
<th>FEET PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 in. 6 in. top of ground</td>
<td>lbs. per ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 in. 6 in. top of ground</td>
<td>lbs. per ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Driller's Signature: Chris Ingletson

License No.: [application]

Show exact depth of bottom 11.47 8.8
## Groundwater Index

**County:** Sandusky  
**Twp.:** 22N  
**Rge.:** R. 29 W.

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>Arthur A. Harlan</td>
<td>SW 4</td>
<td>136</td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>Son: Surfboard</td>
<td>SW 4</td>
<td>526</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>Paul Surfboard</td>
<td>SE 2</td>
<td>127526</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. Arthur A. Harlow
   of Thompson Falls
   (Name of Appropriator) (Address) (Town)
   County of Sanders State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1921; continuous until 1949; intermittent since then.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 50 gal. per minute.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1921 approximately

8. The depth of water table: 20 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of every other works for the withdrawal of groundwater:
   Hand dug, concrete lined, 4 ft. diameter, 40 ft. deep.

10. The estimated amount of groundwater withdrawn each year: 120,000 gallons

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

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

Signature of Owner: [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.
I O Approved Stock Form—State Publishing Co., Helena, Montana—42234

STATE OF MONTANA
ADMINISTRATOR OF GROUNDBWATER CODE
OFFICE OF STATE ENGINEER

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

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
<th>County</th>
<th>State</th>
<th>Rights</th>
</tr>
</thead>
<tbody>
<tr>
<td>F. A. Burghard</td>
<td>Thompson Falls</td>
<td></td>
<td>Sanders</td>
<td>Montana</td>
<td>Domestic, Stock and Irrigation</td>
</tr>
</tbody>
</table>

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

2. The beneficial use on which the claim is based Domestic, Stock and Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been from June 15, 1948 and continuous ever since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 400 gallons per hour

5. If used for irrigation, give the acres 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 June 1, 1948 and completed June 7, 1948

8. The depth of water table 8 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 and pump house

10. The estimated amount of groundwater withdrawn each year 350,000

11. The log of faults 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 Off. 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 Appropriator.
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 no applicable, so state, otherwise the form may be returned.

Owner: Paul Farland
Address: Thompson Falls, MT

Date well started: Jan. 30, 1973
completed: Jan. 9, 1973

Type of well: Drilled
Equipment used: Churn drill

Water Use: Domestic [X] 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 Cables</th>
<th>Feet</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; Id</td>
<td></td>
<td>200</td>
<td>0</td>
<td>105</td>
</tr>
<tr>
<td>6&quot; Id</td>
<td></td>
<td>0</td>
<td>105</td>
<td>does not apply</td>
</tr>
</tbody>
</table>

Static water level: 160 ft.*
Pumping water level: 200 ft.*

Power: 2HP Pump

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

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

Driller’s Signature: Eugene R. Hine
Driller’s Address: Thompson Falls, MT

LICENSE NO. 33
### Groundwater Index

**County:** Sandusky  
**Twp.:** 22N  
**Rge.:** 27W

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
<td>Mrs. Fred W. Mass</td>
<td>LW 4</td>
<td>534</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. Name of Appropriator: Mrs. Fred W. Mass
   (Address): Eddy
   (Town): Sanders

2. The beneficial use on which the claim is based: Water needed for livestock water and forage subirrigation and for planned residence sites on land which I now own as indicated including gardens.

3. Date or approximate date of earliest known use and how continuous the use has been: Have been using water for livestock use since 1890. Continuous use.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Plan to subirrigate 40 acres or more continuously since 1889.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Farm livestock now as small surface source and subirrigation of pasture. Intent to develop full potential for surface water for livestock and residence in future.

7. The date of commencement and completion of all construction of the well, wells, or other works for withdrawal of groundwater: Plan excavation 10 feet deep with retaining wall for reservoir for full development—no well planned at this time.

8. The depth of water table: Same at surface except in extremely dry 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 withdrawal of groundwater: Some water at surface at both spring sites indicated on diagram now except for very short time in extremely dry years and always provides subirrigation. Plan to excavate both sites about 10 feet deep and install reservoir wall to provide storage and control.

10. The estimated amount of groundwater withdrawn each year: Probably about 20 gallons per minute for each spring in surface water and subirrigation. A total of 30 million gallons per year.

11. The log or annotations furnished in the drilling of each well if available: None.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: The water sources of both of these springs are situated on land owned by me in the NE1/4 SE1/4 Sec. 24. The surface water of Spring #2 as shown on diagram is on N.F. land just outside my property. I intend to develop this water just above where it shows on the surface and pipe it to my land about 150 ft. distance from surface water showing.

Signature of Owner: __________________________
Date: ________________ 1962

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

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

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