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

This form to be prepared by driller, and three copies to be filled by the owner or 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 resumed.

Owner

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 (e.g. Lake, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Top of Ground

Driller's Name

Driller's Address

LICENSE NO. 17

Show exact depth of bottom

49,678
State of Montana
County of Gallatin

Filed Jan. 7, 1972
at 10:15 o'clock A.M.

Call Stack
County Clerk & Recorder
By Lucille A. Bridge
Deputy

Fee $1.00

#3033
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.

Mary E. Farmer
Owner

Address Route 1 - Box 198
Bozeman, Montana

Date well started Dec. 2, 1961
completed Dec. 5, 1961

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>Size of Drilled Hole</th>
<th>Size and Weight of Drilling Equipment</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 6 5/8 O.D.</td>
<td>15 ft</td>
<td>top of ground 46</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level .12 ft.*
Pumping water level .48 ft.*
at 1.16 gallons per minute; measured 60 minutes after pumping began.

*Measured from ground level.

Well developed by pump for 1 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

Driller's Address 2103 Bridger Drive

Rosebud, Montana LICENSE NO. 17

Top of Ground (Elev. above sea level)

<table>
<thead>
<tr>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 22</td>
<td>Course Gravel</td>
</tr>
<tr>
<td>22 48</td>
<td>Clay</td>
</tr>
<tr>
<td>48</td>
<td>Fine Gravel</td>
</tr>
</tbody>
</table>
State of Montana
County of Gallatin

Filed September 8, 1972
at 6:00 o'clock P.M.

Carl D. Stucky
County Clerk & Recorder

By: Pete W. Whittemore
Deputy

Fee $2.00
Form No. 18
8-60

COUNTY

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

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

Date Started: ______________ Date Completed: ______________

Location: Sec. __ T. __ R. __

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
<th>Water use</th>
<th>Casing:</th>
<th>Casing:</th>
<th>Perforated or screened:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Domestic</td>
<td>ft. to ft.</td>
<td>Type</td>
<td>Ft. to Ft.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Municipal</td>
<td></td>
<td>Size</td>
<td>Ft. to Ft.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Stock</td>
<td></td>
<td>Size</td>
<td>Ft. to Ft.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Irrigation</td>
<td></td>
<td>Size</td>
<td>Ft. to Ft.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Industrial</td>
<td></td>
<td>Size</td>
<td>Ft. to Ft.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Drainage</td>
<td></td>
<td>Size</td>
<td>Ft. to Ft.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Other</td>
<td></td>
<td>Size</td>
<td>Ft. to Ft.</td>
</tr>
</tbody>
</table>

Type of screen or perforations: ________________________________

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

Shut-in pressure, for flowing well: __________________ lb./sq. in. on: ______________

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

How tested: __________________

Length of test: __________________

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

(over)
**Form N18**

**T. 25 R. 4 E**

**County** Gallatin

**MONTANA BUREAU OF MINES AND GEOLOGY**

**Butte, Montana**

**RECEIVED**

**STATE ENGINEER**

**Date Started** April 27, 1961 **Date Completed** April 27, 1961

**Location:** Sec. 16 T. 35 R. 45

**Type of well** Drilled **Equipment used** None

(Hand, driven, bored, or drilled)

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

Industrial [ ] Drainage [ ] Other __________ any use other than device

**Casing:** [ ] ft. to ________ ft. Type ________ Size ________ in.

**Casing:** ________ ft. to ________ ft. Type ________ Size ________

**Casing:** ________ ft. to ________ ft. Type ________ Size ________

**Perforated or screened:** Ft. ________ to Ft. ________ Ft. ________ to Ft. ________

**Type of screen or perforations**

**Static water level, for non-flowing well:** Visible ________ ft. ________ feet.

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

**Pumping water level:** ________ feet at better than gal. per min.

**How tested:** Driller tested for sufficient flow

**Length of test:**

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

The water from this well to be used by owners upon effective notice to use it or remove all or all available water entering this casing at any time now or in the future.

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: July 20, 1962

Owner: Lyle McPhail
Address: Bozeman, Montana

Contractor (if any): None
Address of Contractor:

Date Started: July 20, 1962
Date Completed: July 22, 1962

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes", include depth to water when applicable. Refer to reverse side of this form if not applicable to this case.

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.

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

Signature of Owner: Lyle McPhail
Date: December 10, 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 School of Mines and Quadruplicate for the Appropriator.
During periods of irrigation of ground above and to the west of my residence, there is excess sub water. Installed around the footing of my residence is a 6" drain tile and this is extended some 200' to a sump which I dug July 29, 1962. This hole is cribbed up and is about 3 ft. square and about 8 ft. deep. This 6" hole collects water from the tile as well as some other seepage. The tile runs from partially full to full at times. I can pump this water back up for irrigation. It will supply a 1" discharge pressure pump at some periods. The tile is quite varied as irrigation comes from above. At times the 6" tile did not carry enough and some water seeped into the basement. There is seepage from about June 1st to October 1st each year.
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: Gene Herraman
Address: Gallatin Gateway, Mont.

Date well started: July 22, 1971
Date well completed: July 23, 1971

Type of well: drilled
Equipment used: cable tool
Water Use: Domestic [☑] Municipal [ ] Stock [ ] Irrigation [ ]

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain, stating 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 Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot; X D. 1/4&quot;</td>
<td>41 ft.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 3 ft.
Pumping water level: 8 ft.
at 45 gallons per minute, measured minutes after pumping began.
*Measured from ground level.
Well developed by boiler for 2 hours.

Driller's Signature: [Signature]
Driller's Address: [Address]

COUNTY OF: Gallatin
LICENSE NO: 150

Note: Show exact depth of bottom.
State of Montana
County of Gallatin

Filed Dec 29 1971
at 1:45 P.M.

Clerk of Court

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

Describe Field and Purpose
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 Casing</th>
<th>Feet (in)</th>
<th>Yd (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PERFOMATIONS

Static water level 3 ft.
Pumping water level 3 ft., measured minutes after pumping began.
*Measured from ground level.
Well developed by 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

Driller's Address

Route #1, Location, Post office
LICENSE NO. 130

Show exact depth of bottom.
**Form No. 18**

| S-60 |

**Montana Bureau of Mines and Geology**
**Butte, Montana**

### Water Well Log

**Owner:**

**Address:**

**Driller:**

**Address:**

**Date Started:**

**Date Completed:**

**Location:** Sec. 11 T. 2 S. R. 4 E. 1 sec.

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Cav., driven, or drilled)</td>
<td>(Cav., drill, rotary, other)</td>
</tr>
</tbody>
</table>

**Water use:**

- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other

**Casing:**

- 0 ft. to 90 ft.
- Type
- Screened
- Size 2 in. - 19 1/2 in.

**Casing:**

- ft. to ft.
- Type
- Screened
- Size

**Perforated or screened:**

- Ft. 17 to ft. 14
- Ft. 17 to ft.

**Type of screen or perforations:**

- 11 in. X 17 in.

**Static water level, for non-flowing well:** 17 feet.

**Shut-in pressure, for flowing well:** 1 lb./sq. in. on: (date)

**Pumping water level:** 27 feet at __gal. per min.

**How tested:**

- Test pump

**Length of test:** 4 hrs.

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

---

(over)
# Log of Well

<table>
<thead>
<tr>
<th>Depth (feet)</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 68</td>
<td>sandy - sand - boulders</td>
</tr>
<tr>
<td>68 - 83</td>
<td>yellow clay</td>
</tr>
<tr>
<td>83 - 145</td>
<td>hard - hard pan</td>
</tr>
<tr>
<td>145 -</td>
<td>sand clay residue</td>
</tr>
</tbody>
</table>

Total depth 145 ft.

Well was plugged back to 80 ft. from surface. 80 ft. deep.

[signature]
<table>
<thead>
<tr>
<th>Form No. 15</th>
<th>8-00</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Locovsky</td>
</tr>
<tr>
<td>Driller</td>
<td>G. F</td>
</tr>
<tr>
<td>Date Started</td>
<td>Date Completed</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 11 T. 2 R. 4 1/4 sec.</td>
</tr>
<tr>
<td>Type of well</td>
<td>Equipment used</td>
</tr>
<tr>
<td>Water use:</td>
<td>Domestic</td>
</tr>
<tr>
<td>Industrial</td>
<td>Drainage</td>
</tr>
<tr>
<td>Casing:</td>
<td>1 ft. to 10 ft. Type</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to ft. Type</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to ft. Type</td>
</tr>
<tr>
<td>Perforated or screened:</td>
<td>from ft. to ft. from ft. to ft.</td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
</tr>
<tr>
<td>Static water level, for non-flowing well:</td>
<td>feet</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>10. /sq. in. on: (date)</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>feet at</td>
</tr>
<tr>
<td>How tested:</td>
<td></td>
</tr>
<tr>
<td>Length of test</td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
</tr>
</tbody>
</table>

(over)
Gallatin County,
State of Montana} ss.

Filed Dec 29, 1961
at 2:40 o'clock P.M.

Earl Nelson
COUNTY CLERK & RECORDER

By LA Marshall
DEPUTY

Fee $ 2 00
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: David Patten
Address: Patten, Baker

Driller: Potts Drilling
Address: Potts, Baker

Date of Notice of appropriation of groundwater: May 19-65

Date well started: May 19-65

Date completed: May 20-65

Type of well: Drilled

Equipment used: Cable tools

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>Depth (Feet)</th>
<th>Strata</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-9</td>
<td>Dirty Course</td>
</tr>
<tr>
<td></td>
<td>Rock &amp; Gravels</td>
</tr>
<tr>
<td>9-11</td>
<td>Course Gravels</td>
</tr>
<tr>
<td></td>
<td>(Water)</td>
</tr>
<tr>
<td>11-22</td>
<td>Course Sand</td>
</tr>
<tr>
<td></td>
<td>&amp; Fine Gravels</td>
</tr>
<tr>
<td>92-98</td>
<td>Fine Sand</td>
</tr>
<tr>
<td>98-31</td>
<td>Medium Fine</td>
</tr>
<tr>
<td></td>
<td>Sand</td>
</tr>
<tr>
<td>31</td>
<td>Course Sand</td>
</tr>
</tbody>
</table>

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

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested

Length of Test

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

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

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 copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
State of Montana (ss.)
County of Gallatin

Filed 1/4/66 at 10 a.m., M.

Clerk of Court

By

File No. 2319
State of Montana
County of Butte

Filed 7/20/73 at 11:00 o'clock A.M.

County Clerk & Recorder
By

Fee $2.00 paid
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>Size of Well (inches)</th>
<th>Size and Weight of Casing (inches)</th>
<th>From (feet)</th>
<th>To (feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot; 179 250 Well</td>
<td>-50 to 26 ft.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level ________ ft.*
Pumping water level ________ ft.*

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 ____________________________
Driller's Address ____________________________

Route _______ Beaverhead, Montana ___________ LICENSE NO. 120 31 Show exact depth of bottom
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. Eddie Lillian Pruitt
   of Route 1, Bozeman, Montana
   County of Gallatin
   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: FOR domestic use.

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute). Domestic use well—30 gallons per minute. Stockwater well—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. Not applicable.

   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. Domestic use well—has been in existence since 1876. The stockwater well constructed in 1944; continuous use to date.

   8. The depth of water table.

   9. So far as may be available, the type, size and depth of each well or the general specifications of any other works for withdrawal of groundwater. Domestic use well, formerly dug, now a 4 inch stock casing 30 feet deep with pump. Stockwater well, 6 inch stick casing 30 feet deep with hand pump.

   10. The estimated amount of groundwater withdrawn each year.

   11. The log of formations encountered 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.

   Signature of Owner: 

   Date: April 17, 1963

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

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

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

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

1. Name of Appropriator: Henry McInerny
   Address: Bagman
   County: Gallatin
   State of Montana

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

3. Date or approximate date of earliest beneficial use; and how continues the use has been
   (Dates)
   (Description)

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

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

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

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

8. The depth of water table
   (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)
   (Size)
   (Depth)

10. The estimated amount of groundwater withdrawn each year
    (Amount)

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

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

Signature of Owner: Henry McInerny
Date: Dec 14, 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.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner:  Henry M. Skank
Address:  Route 1, Bosman

Driller:  Edward Hultz
Address:  R.I. Egan-Hart

Date of Notice of Appropriation of Groundwater:  July 31, 1963

Date Well Started:  July 31, 1963
Date Well Completed:  Aug. 1, 1967

Type of Well:  Drilled
Equipment Used:  Churn

Water Use:  Domestic  
Municipal  
Other  
Irrigation  
Industrial  
Drainage  
Stock  

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

Static Water Level for non-flowing Well:  5 feet.
Shut-in Pressure for Flowing Well:  
Pumping Water Level:  10 feet at 35 gal. per minute.
Discharge in gal. per min. of flowing well:  

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

Driller's License Number:  47
Driller's Signature:  Edward Hultz

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

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

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

COUNTY OF GALATIN

Filed: August 3, 1962

11:30 a.m.

EARL WALTOS

COUNTY CLERK & RECORDER

Received 2:00 p.m.
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Before 1916
Owner: Henry M. Skank  Address: Bozeman, Mont.
Contractor (if any) ____________________________________________
Address of Contractor ____________________________________________
Date Started: ___________ Date Completed: Before 1916

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. See 2 H.P. Electric
pump on 2 inch pump line and 3 inch suction
pipe _________________________

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. _________________________

100 gallon per minute. Used continuously during summer months.
Irrigate lawn and pasture at the home of Henry M. Skank in the SW 1/4 Sec. 11, T. 23 S, R. 4 E.

Sec. 11 T. 23 S, R. 4 E. Use about 200000 gallon per year.
Signature of Owner: ____________________________

Date: December 14, 1962

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)

John Strehlow

(Powerhouse)  
(Address)  
(Town)

County of Gallatin  
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.
   House and Farm use

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

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

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

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

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 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.
   1" Casing 45' Deep

10. The estimated amount of groundwater withdrawn each year 300,000 gal

11. The log of formations encountered in the drilling of each well if available.
   
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.
   
Signature of Owner: John Strehlow
Date: 12-30-62

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

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

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

Filed December 30, 1963 at 9:32 a.m.

Earl Wallen
COUNTY CLERK OF RECORDER

Deputy

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

I, Russell Thompson of MT, Spearman (Address), Gallatin (Town), have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 7-30 yrs., 2-14 yrs.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 10 acres, tractor garden.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 100 gal., tractor garden.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 100 gal., tractor garden.

8. The depth of water table: 8 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 gal., tractor garden.

10. The estimated amount of groundwater withdrawn each year: 100 gal., tractor garden.

11. The log of formations encountered in the drilling of each well if available: 100 gal., tractor garden.

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: Russell Thompson  
Date: 12-30-62

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

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

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

Filed  
Dec. 31  
1963  
at 2:59  
o'clock  
P.M.  

EARL WALTZ  
CLERK & RECORDER  

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

(Name of Appropriator) (Address) (Town)
County of (Address) State of

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

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

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

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

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

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

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

8. The depth of water table: ________________

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

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

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

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

Signature of Owner: ________________
Date: ________________

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

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

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

Filed 12-30, 1962 at 2:31 o'clock P.M.

Earl Walton
COUNTY CLERK & RECORDER

Fee $_____

Deputy
Driller's Log

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.

Curtis L. Larson & Frances E. Larson
Owner

Address 15 Idaho Lane
Bozeman, Montana

Date well started Dec. 23, 1956
Completed Dec. 30, 1956

Type of well Drilled

Equipment used Channing 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>Size of Drilled Hole</th>
<th>Size and Depth of Cutting</th>
<th>Feet</th>
<th>To Feet</th>
<th>PERFORATIONS</th>
<th>Kinds of Strata</th>
<th>From Feet</th>
<th>To Feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; x 6&quot; ID Surface</td>
<td>52'</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level 104 ft.
Pumping water level 53 ft. measured 90 minutes after pumping began.
* Measured from ground level. Well developed by 30 lcf for 1 hour.

Power: Pump 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
Driller's Address

License No. 17

Top of Ground

<table>
<thead>
<tr>
<th>0</th>
<th>2</th>
<th>Top Soil</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>20</td>
<td>Course Gravel</td>
</tr>
<tr>
<td>20</td>
<td>31</td>
<td>Clay</td>
</tr>
<tr>
<td>31</td>
<td>32</td>
<td>Pine Gravel &amp; Sand</td>
</tr>
<tr>
<td>38</td>
<td>41</td>
<td>Clay</td>
</tr>
<tr>
<td>41</td>
<td>42</td>
<td>Pine Gravel &amp; Sand</td>
</tr>
<tr>
<td>42</td>
<td>49</td>
<td>Clay</td>
</tr>
<tr>
<td>49</td>
<td>50</td>
<td>Sand</td>
</tr>
<tr>
<td>50</td>
<td>52</td>
<td>Clay</td>
</tr>
<tr>
<td>52</td>
<td>53</td>
<td>Pine Gravel &amp; Sand</td>
</tr>
</tbody>
</table>

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

Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1967)

Top of Ground
(Elev. above sea level__)

Owner: __________ Address: __________
Date of Notice of Appropriation of Groundwater: __________
Date well started: __________ Date Completed: __________

Type of well: __________ Equipment Used: __________
(dug, driven, bored or other)

Water Use: Domestic ___ Municipal ___ Other ___ Irrigation ___
Industrial ___ Drainage ___ Stock ___

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Coring</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>2</td>
<td>0</td>
<td>20</td>
<td>7.0</td>
</tr>
<tr>
<td>20</td>
<td>2</td>
<td>0</td>
<td>20</td>
<td>7.0</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: __________ feet.
Shut-in Pressure for Flowing Well: __________
Pumping Water Level: __________ feet at __________ gal. per minute.
Discharge in gal. per min. of flowing well: __________

How Tested: __________ Length of Test: __________

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

[Diagram]

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Gallatin County,]
State of Montana, 1st

Filed January 22, 1964
at 11:00 A.M.

EARL WAIGHT
COUNTY CLERK & RECORDER
By

Fee $2.00 pd
<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of well</td>
<td>Ground</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic Y, Municipal, stock, Irrigation X, other</td>
</tr>
<tr>
<td>Casing</td>
<td>31 Ft. from 1 in. to 5 ft.</td>
</tr>
<tr>
<td>Perforated or screened</td>
<td>15 ft. to 15 ft.</td>
</tr>
<tr>
<td>Static water level</td>
<td>15 feet</td>
</tr>
<tr>
<td>Shut-in pressure, for non-flowing well</td>
<td>15 lb. sq. in. on</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>15 feet at 1 gal. per min.</td>
</tr>
<tr>
<td>How tested</td>
<td></td>
</tr>
<tr>
<td>Length of test</td>
<td></td>
</tr>
<tr>
<td>Remarks</td>
<td>Gravel packing, cementing, packer, type of shut-off, depth of shut-in:</td>
</tr>
</tbody>
</table>
Gallatin County, State of Montana.
Filed Dec 29, 1961
at 7:41 o'clock A.M.

Earl Watson
COUNTY CLERK & RECORDER

By

Fee $
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: [Name]
Address: [Address]

Date well started: [Date]
Date well completed: [Date]

Type of well: Drilled
Equipment used: Down the Hole Drill

Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other [ ] Gardener/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 Depth of Cutting</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 1/8</td>
<td>6 1/8</td>
<td>40</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

N

W

Lot 6, Addie Creek

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
Driller's Address

LICENSE NO. [Number]

Show exact depth of bottom
State of Montana
County of Gallatin

Filed June 24, 1973
at 2:55 o'clock P.M.

Caillou Surt
County Clerk & Recorder

By

Recorded

File No. 27-20

[Signatures]
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

Type of well: drilled (mike, driven, bored or drilled)

Equipment used: (Dolly, drill, rotary or other)

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

*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>Zone of</th>
<th>裂缝 (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>E</td>
<td>24</td>
<td></td>
</tr>
<tr>
<td></td>
<td>E</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td></td>
<td>E</td>
<td>0</td>
<td></td>
</tr>
<tr>
<td></td>
<td>E</td>
<td>0</td>
<td></td>
</tr>
</tbody>
</table>

Static water level 10 ft. above level

Pumping water level 10 ft. above level at gallons per minute, measured minutes after pumping began.

*Measured from ground level.

Well developed by for hours.

Power Pump X 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

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Ralph W. Patrick, Address: 708 So 12 Bozeman
Driller: Donald C. Jones, Address: 635 E. Lamme

Date of Notice of Appropriation of Groundwater: Aug 8, 1962
Date well started: Aug 2, 1962 Date Completed: Aug 8, 1962

Type of well: Drilled
Equipment Used: Churn Drill (Churn, drill, rotary or bored)

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

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

<table>
<thead>
<tr>
<th>Stratum</th>
<th>Depth (feet)</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 100</td>
<td>Sand &amp; Gravel</td>
<td>Tight Sand</td>
</tr>
<tr>
<td>100 - 200</td>
<td>Sand &amp; Gravel</td>
<td>Tight Sand</td>
</tr>
<tr>
<td>200 - 300</td>
<td>Sand &amp; Gravel</td>
<td>Tight Sand</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 12.5 feet
Shut-in Pressure for Flowing Well: None
Pumping Water Level: 54 feet at 50 gal per minute.
Discharge in gal. per min. of flowing well: None
How Tested: Pump
Length of Test: 1 hr 15 min

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

Indicated: Approximately 2 Acres of Yard and Garden

Driller's License Number
Driller's Signature

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

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

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

Filed 12-30-1963  
at 12:42 P.M.  

Carl Walton  
COUNTY CLERK, MONTANA  

Fee $25.00  

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Alice M. Sweeney

County of Gallatin
State of Montana

The beneficial use on which the claim is based:

Household and irrigation

Date of earliest beneficial use:
April 1, 1927

The amount of groundwater claimed:
Approximately 50" in each well

If used for irrigation, give the acreage and description of the lands to which water has been applied:

7 acres

The means of withdrawing such water from the ground:

Hand pump, now electric pump on both wells.

The date of commencement and completion of the construction of the well:
April 1, 1927

The estimated amount of groundwater withdrawn each year:
The estimated amount of water withdrawn has never been recorded.

The log of formations encountered in the drilling of each well:

Not available.

Such other information of a similar nature as may be useful:

There is no other information available within the knowledge of the undersigned.

Signature of Owner

Date

May 1, 1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
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>
</tr>
</thead>
<tbody>
<tr>
<td>Alice M. Sweeney</td>
<td>Route 1. Bowman</td>
<td></td>
</tr>
</tbody>
</table>

County of Gallatin
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: **Household and irrigation.**

2. Date or approximate date of earliest beneficial use: **April 1872.**

3. Continuance of the use has been **April 1872 and continuously since that date.**

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **Approximately 50" in each 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: 7 acres and the owner is Alice Manor Sweeney.

6. The means of withdrawing such water from the bed and the location of each well or other means of withdrawal: **Mechanical hand pump, now electric pump on both wells.**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **April 1872.**

8. The depth of water table: **Approximately 30".**

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: **There are two wells, both electric pumps...**

10. The estimated amount of groundwater withdrawn each year: **The estimated amount of water withdrawn has never been recorded.**

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: **There is no other information available within the knowledge of the undersigned.**

Signature of Owner: Alice Manor Sweeney

Date: May 1, 1962

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

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

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

County of Gallatin.

Filed November 19, 1962.

Court of Common Pleas.

By John J. Mewson.

Fee $2.15.

# 256 A
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Byson J. Beatty  
   (Name of Appropriator)  
   (Address)  
   (Town)

County of Gallatin  
State of Montana

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

<table>
<thead>
<tr>
<th>S.E.%</th>
<th>Sec. 12</th>
<th>T.2.S. R.4.E</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

2. The beneficial use on which the claim is based: livestock watering, irrigation, etc.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1965 - 1967, continuous use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 150 - 100 gal 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.

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

   - Electric powered pumps at well(s)

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Well approximately 1965 - 1967.

8. The depth of water table: Approximately 25 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:

10. The estimated amount of groundwater withdrawn each year: 35 gal - 100 gal per day.

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: Byson J. Beatty
   Date: Dec 28, 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.
#1211

COUNTY OF CANADA

December 30 1963

Filed at 9:30 A.M.

EARL WILSON

By

Fee $2.00
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: July 1, 1959
Owner: Louis A. Bruno
Address: Route 1, Bozeman, Montana
Contractor (if any): Not applicable
Address of Contractor: Not applicable
Date Started Before July 1: Date Completed: July 1, 1959

Describe means of obtaining groundwater without a well, "as by sub-irrigation and other natural processes". Include depth to water when applicable, drainage ditch cut from swamp, leading to pasture on the Southwest Quarter of the Southwest Quarter, Section 13, the Northwest Quarter of the Northwest Quarter, Section 24, and tracts numbered 563 through 584 of the Rainbow Subdivision, all in Township 2 South, Range 4 East, M.P.M., Gallatin County, Montana.

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:

---

50 miner's inches. Used for irrigation of pasture. Use is from spring through August of each year.

Signature of Owner: Louis A. Bruno
Date: December 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  
County of Gallatin  

Filed January 10, 1966  
at 8:10 o'clock A.M.  

CARL L. STUCKY  

By:  

Fee $2.00
# WATER WELL LOG

**Owner:** Clarence E. Curley  
**Address:**  

**Driller:**  
**Address:**  

**Date Started:** 04/15/51  
**Date Completed:** 07/07/51

**Location:** Sec. 15, T. 25, R. 4E, NW 1/4 sec. 1/4 E1/2

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(Chim, drill, rotary, other)</td>
</tr>
</tbody>
</table>

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

**Casing:**  
- ft to ft  
- Type  
- Size

**Perforated or Screened:**  
- ft to ft  
- Type  
- Size

**Type of screen or perforations:**

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

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

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

**How tested:**

**Length of test:**

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

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(Continued on the next page)
MONTANA BUREAU OF MINES AND GEOLOGY
WATER WELL LOG

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

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Surface ft. to ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>57.2</td>
<td>Black</td>
<td>7'00' x 23'</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened: Ft. to Ft.</th>
<th>Ft. to Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>feet</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>27</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
<th>lb/sq. in. on:</th>
<th>(date)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pumping water level:</th>
<th>feet at</th>
<th>gal. per min</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>30</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>L.E. 30</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length of test</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100'</td>
</tr>
</tbody>
</table>

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

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(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>1-2</td>
<td>3-4</td>
</tr>
<tr>
<td>5-6</td>
<td>7-8</td>
</tr>
<tr>
<td>9-10</td>
<td>11-12</td>
</tr>
<tr>
<td>13-14</td>
<td>15-16</td>
</tr>
<tr>
<td>17-18</td>
<td>19-20</td>
</tr>
<tr>
<td>21-22</td>
<td>23-24</td>
</tr>
<tr>
<td>25-26</td>
<td>27-28</td>
</tr>
<tr>
<td>29-30</td>
<td>31-32</td>
</tr>
</tbody>
</table>

Log of Well

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End of Drilling

Signed: J. Smith

Date: 3/27/1927
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>5'-5½'</td>
<td>Tuff l.</td>
</tr>
<tr>
<td>5½'-2'</td>
<td>Gravel</td>
</tr>
<tr>
<td>2'-3'</td>
<td>Tight sand</td>
</tr>
<tr>
<td>3'-3½'</td>
<td>-</td>
</tr>
<tr>
<td>3½'-4'</td>
<td>Fine gravel - sand</td>
</tr>
<tr>
<td>4'-4½'</td>
<td>Clay</td>
</tr>
<tr>
<td>4½'-5½'</td>
<td>Fine gravel - sand</td>
</tr>
<tr>
<td>5½'-5'</td>
<td>Clay</td>
</tr>
<tr>
<td>5'-5½'</td>
<td>Fine gravel</td>
</tr>
</tbody>
</table>

Ogelthorpe County, Mont., 2nd. State of Montana, 1918.

[Signature]

[Stamp]
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **Name of Appropriator**, K. J. and Lena Nydegger, RRI, Bozeman

   **Address**

2. Date or approximate date of earliest beneficial use: Oct 1959—

3. **Beneficial use on which the claim is based**: House use and irrigation

4. **State of Montana**

5. **Type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater**:

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

7. **Date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater**: Oct 1959

8. **Depth of water table**: 8 feet

9. **Amount of groundwater withdrawn each year**: 408,000 gallons

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

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

12. **Signature of Owner**, Lena Nydegger

   **Date**, Dec 30, 1963

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

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