<table>
<thead>
<tr>
<th>Water Well Log</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Owner</strong></td>
</tr>
<tr>
<td><strong>Address</strong></td>
</tr>
<tr>
<td><strong>Driller</strong></td>
</tr>
<tr>
<td><strong>Address</strong></td>
</tr>
<tr>
<td><strong>Date Started</strong></td>
</tr>
<tr>
<td><strong>Date Completed</strong></td>
</tr>
<tr>
<td><strong>Location</strong></td>
</tr>
</tbody>
</table>

### Type of Well
- Type: Water well
- Equipment used: Drill
- (Churn, drill, rotary, etc.)

### Water Use
- Domestic: X
- Municipal:  |
- Stock: Y
- Irrigation: |
- Industrial:  |
- Drainage:  |
- Other:  |

### Casing
- 1 ft. to 45 ft.: Size 6 inch
- Casing: ____________________ ft. to ____________________ ft.
- Type: ____________________ Size: ____________________
- Casing: ____________________ ft. to ____________________ ft.
- Type: ____________________ Size: ____________________
- Casing: ____________________ ft. to ____________________ ft.
- Type: ____________________ Size: ____________________

### Perforated or Screened
- Ft. 1 to Ft. 3: Ft. 4 to Ft. 5
- Type of screen or perforations: ____________________

### Static Water Level, for Non-Flowing Well
- 100 ft. from top of ground: 0 feet

### Shut-in Pressure, for Flowing Well
- 100 lb./sq. in. on: ____________________ (date)

### Pumping Water Level
- 100 feet at 100 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</td>
<td>To 1 1/2</td>
</tr>
<tr>
<td>1 1/2</td>
<td>6</td>
</tr>
<tr>
<td>6</td>
<td>45</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: Griffin, of 321 2nd Ave.
   (Name of Appropriator) (Address) (Town)

County of Cascade 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
   [Diagram of beneficial use]

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

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

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 and description]

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

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

8. The depth of water table
   [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
   [Specifications of works]

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 The estimated amount of groundwater withdrawn each year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

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

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

Signature of Owner: [Signature]
Date: __/__.__/__

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

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

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

Owner: J.R. Harris  
Address: 2030 Bozeman

Driller: J.L. Patterson  
Address: Deceased

Date Started: 1572  
Date Completed: 1572

Location: Sec. 25  
T. 25 R. 5 E.  
S.W. 1/4

Type of well: Dug  
Equipment used: Pick and Shovel

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

Casing:  
- Pick ft. to 17 ft.  
Type:  
- Size: 5 x 17

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

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

How tested:  
- Ind. Pump

Length of test:  
- Ind. Pump

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</td>
<td>To</td>
</tr>
<tr>
<td></td>
<td>BLACK LOAM, GRAVEL</td>
</tr>
</tbody>
</table>
### WATER WELL LOG

**Owner:** A.P. Harris  
**Address:** 1309 1380  
**Driller:** JL Patterson  
**Date Started:** 1/6/63  
**Date Completed:** 1/6/63  
**Location:** Sec. 25 T 7 S R 5 E  
**Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Type of well</strong></td>
<td>Drilled</td>
</tr>
<tr>
<td><strong>Equipment used</strong></td>
<td>Steam</td>
</tr>
<tr>
<td><strong>Water use</strong></td>
<td>Domestic</td>
</tr>
<tr>
<td><strong>Casing:</strong></td>
<td>T-30'</td>
</tr>
<tr>
<td><strong>Perforated or Screened:</strong></td>
<td>3-25'</td>
</tr>
<tr>
<td><strong>Static water level:</strong></td>
<td>20.0</td>
</tr>
</tbody>
</table>
| **Shut-in pressure:**        | 30 lb/sq.in.  
| **Pumping water level:**     | 20 feet  
| **How tested:**              | 20,000 gal./min.  
| **Length of test:**          | 20 feet  
| **Remarks:**                 | (over)  

---

**County:** Gallatin
### Log of W-1

<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></td>
<td>BLACK FOAM GRAVEL SAND</td>
</tr>
</tbody>
</table>

*Signature*

**Inspection**

- Field
- 
- 

**Field Notes**

- 
- 

**Index**

- 
- 

**Record**

- 
- 

---

*Signature*
Declaration of Vested Groundwater Rights

2. The beneficial use on which the claim is based. **irrigation of garden and stock water**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. **Spring of 1950**

4. The amount of groundwater claimed (in miner's inches or gallons per minute). **100 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. **Approximately 4 acres in Block 20, Sec. 11, T. 2 S., R. 5 E., M.P.M.**

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. **Commed and completed Spring, 1950**

8. The depth of water table. **6 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. **Depth of well 12 feet, open with immersion pump.**

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

11. The log of formations encountered in the drilling of each well if available. **Gravel top to bottom.**

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.

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 December 23, 1963

at 11:00 o'clock A.M.

EARL WALTON

COUNTY CLERK & RECORDER

By

DEPUTY

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

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

Barton G. Nordling
Rt 2 Box 118
Bozeman

County of Gallatin
State of Montana

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

1. 

2. The beneficial use on which the claim is based: House and Garden and lawn

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1957 to date

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1 acre for garden and lawn

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Two Wells One at the house, One other at the back of the lot

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

8. The depth of water table: 15 Feet and 30 Feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Well at house was drilled to depth of 35 feet. The well at the back of the lot was dug, it is about 2 feet hole

10. The estimated amount of groundwater withdrawn each year: All from wells 12,000 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: Barton G. Nordling
Date: December 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.
#1069

State of Montana
County of Gallatin

Filed December 27, 1963
at 10:42 a.m.

E.A.R.L. WALTON
COUNTY CLERK & RECORDER

Fee $2.00 pd.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: 
Address: 
Driller: 
Address: 

Date of Notice of Appropriation of Groundwater

Type of well: Drilled
Equipment Used: None

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

Strata met with in drilling: Soil, clay, shale, gravel, rock or sand, etc.
Character and thickness of water-bearing strata and height to which water rises in the well.

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

Discharge in gal. per min. of flowing well: gal.
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 other similar pertinent information, including number of acres irrigated, if used for irrigation).

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

at 10:30 o'clock A.M.

Carl Walton
COUNTY CLERK & RECORDER

By

DEPUTY

Fee $75.
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: Domest.  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>shoes of Drilled</th>
<th>Size and Weight of Drilling</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>51 ft.</td>
<td>2 1/2 in.</td>
<td>D Nguyên</td>
<td>1000</td>
<td></td>
</tr>
</tbody>
</table>

Static water level ___ ft.*
Pumping water level ___ ft.*
at ___ gallons per minute,
measured ___ minutes after pumping
began.

*Measured from ground level.
Well developed by ________ for ________ 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

Driller's Address

---1--- Show exact depth of bottom
State of Montana
County of Chelan
Filed June 28, 1973
at 9:05 a.m. by

Count Clerk & Recorder

Fee: $20.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Freida M. Lefk of R. J. Lefk
(Name of Appropriator) (Address) (Town)
County of , State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1-1-1951

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 15

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: Freida M. Lefk
Date: 1-5-1965

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 Appropriator.
State of Montana (Montana)
County of Gallatin (Gallatin)

Filed December 6, 1965
at 1:45 o'clock P.M.

Carl L. Stucky
Clerk of the District Court

By

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

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

Ann S. Tanner and Eleanor S. Coffey, of Townhouse Apt. D-3, Bozeman

(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:

2. The beneficial use on which the claim is based: subirrigated pasture, hay and grain

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since 1876 and continuously since

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 120 miner's 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: subirrigated for total acreage

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

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

8. The depth of water table: 6 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: No artificial works

10. The estimated amount of groundwater withdrawn each year: Not applicable

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

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

Signature of Owner(s):

Date: December 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Helen W. Benepe, of Bozeman

County of Gallatin

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

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

2. The beneficial use on which the claim is based: ditch, stock water, and garden well - domestic.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1880 well, 1937 ditch, springs 1890.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) - 500,000 gallons per year, 150,000 per 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.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: electric pump, dam ditch for gravity flow.

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: 10 to 15.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: electric pump for well, 4" casing; electric pump for ditch plus sub-irrigation; gravity system for spring and stock water.

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

11. The logs 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: none.

Signature of Owner: ____________________________

Date: ________________

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

#### 1. **Helen W. Beneke**

**Address**

**Town**

**County**

**State**

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**
   - **well**, **domestic use**
   - **pond**, **used for stock cattle**
   - **ditch**, **irrigation, garden and yard**

2. **Date or approximate date of earliest beneficial use**

3. **The means of withdrawing such water from the ground and the location of each well or other means of withdrawal**
   - **well**, **electric pump**
   - **electric pump for ditch**, **gravity for other systems**

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

5. **The estimated amount of groundwater withdrawn each year**

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

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

---

**Signature of Owner**: *[Signature]*

**Date**: *December 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.
14-29

Dec 31, 1963

LO X

W

June 9, 1963

GDS

Dec. 3, 1963
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

DECLARATION OF VESTED GROUNDWATER RIGHTS

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

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

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

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner: 
Date: 12-11-63

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

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

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

Filed 11-1963 at 3:50 o'clock p.m.

[Signature]
COUNTY CLERK

[Signature]
DEPUTY
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Address</td>
</tr>
<tr>
<td>Date Started</td>
<td>Date Completed</td>
</tr>
<tr>
<td>Location: Sec. T. R. Sec. 1/4 sec</td>
<td></td>
</tr>
</tbody>
</table>

Type of well

Equipment used: Pick + Shovel + Bucket

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

Casing: ft. to ft. Type: ________________________________ Size: ________________________________

Casing: ft. to ft. Type: ________________________________ Size: ________________________________

Casing: ft. to ft. Type: ________________________________ Size: ________________________________

Perforated or Screened: Ft. to ft. to ft. to ft.

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)

(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>
<tr>
<td>7' - 15'</td>
<td>Jack loan to Giza 02.3</td>
</tr>
</tbody>
</table>
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

### 1. Helen W. Benepe
- **Name of Appropriator**
- **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>N</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### 2. The beneficial use on which the claim is based: irrigation and domestic use

### 3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
- **1880 well, 1904 for overflow of Kienenschmidt ditch**

### 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 600,000 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:
- **180 acres - sub-irrigation stock water, pasture**

### 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
- **Mechanical pump on well, gravity system on others**

### 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
- **1880 well, 1904 for overflow of Kienenschmidt ditch**

### 8. The depth of water table: 10 to 15 feet

### 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
- **Casing and electric pump for well, dam and pump on ditch overflow of Kienenschmidt canal**

### 10. The estimated amount of groundwater withdrawn each year 600,000 gallons

### 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: none

**Signature of Owner**

Date: 3/1/63

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

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

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

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

1. **Ellen B. Jump**, of **Roseman, Montana**, (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: **Pasture**

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: **1870 to date**

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **160 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: **155.50 acres, Ellen B. Jump, Hwy less road of Sec. 27, Twp. 23, R. 58**

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **No irrigation well to date — only domestic well**

8. The depth of water table: **4 feet**

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

10. The estimated amount of groundwater withdrawn each year: **Sub-irrigation**

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**

**Ellen B. Jump**

**by** Chas. Vanderbroeck, Jr. — Agent

**Date** December 26, 1963

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

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

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

Genevieve B. Moore Estate
Ellen Benepe Nordlinger
Helen W. Benepe
(Name of Appropriator) of Bozeman, Montana
(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>N</th>
<th>W</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>X</td>
<td></td>
</tr>
</tbody>
</table>

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Jan 16, 1964 to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 320 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. Genesivee B. Moore Estate, Ellen Benepe Nordlinger & Helen W. Benepe Wq. of Sec. 27, Tp. 23, R. 58.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. No irrigation well. To date - only domestic well.

8. The depth of water table: 4 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. K6ne - only domestic well

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

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. Same

Signature of Owner
Genevieve B. Moore Estate
Ellen Benepe Nordlinger
Helen W. Benepe

by: Chas. Vandehook Jr. - Agent
Date: December 26, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Form No. 18
3-60

MONTANA BUREAU OF MINES AND GEOLOGY
State, Montana

Water well Log

Owner: John & Margaret Bonner
Address: Gallatin Gateway, Montana
Driller: Jim Osborn
Address: Bozeman, Montana
Date Started: 1960
Date Completed: 1961
Location: Sec. 28 T. 28 R. 5B 1/4 sec. W2

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>Municipal</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to 50 ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td>ft. to ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
</tbody>
</table>

Perforated or screened: Ft. to ft. 50'. Ft. to ft. ___

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 50' feet at 80 gal. per min.

How tested:

Length of test:

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

Gravel packing

(over)
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

<table>
<thead>
<tr>
<th>Water Well Log</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Owner</strong></td>
</tr>
<tr>
<td><strong>Address</strong></td>
</tr>
<tr>
<td><strong>Driller</strong></td>
</tr>
<tr>
<td><strong>Date Started</strong></td>
</tr>
<tr>
<td><strong>Location</strong></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th><strong>Drill</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>(Dug, driven, or drilled)</td>
<td>(Churn, drill, rotary, other)</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>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to 500 ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to</th>
<th>ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Perforated or screened:</th>
<th>Ft. to ft.</th>
<th>Ft. to ft.</th>
</tr>
</thead>
</table>

| Type of screen or perforations | |
|------------------------||

<table>
<thead>
<tr>
<th>Static water level, for non-flowing well:</th>
<th>feet</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Pumping water level</th>
<th>feet at 120 gal. per min.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Length of test</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Gravel Packing</th>
</tr>
</thead>
</table>

| (over) |
# Log of Well

<table>
<thead>
<tr>
<th>Depth feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0</td>
<td>To 100</td>
</tr>
<tr>
<td></td>
<td>Black Earth</td>
</tr>
<tr>
<td></td>
<td>Sand, gravel, rock</td>
</tr>
</tbody>
</table>
**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

THOMAS A. SCHLOSSER

100 S. 9th Avenue

Bozeman, Mont.

Date of Notice of appropriation of groundwater.

Date well started: **June 28, 1967**

Date completed: **June 28, 1967**

**Type of well:** Drilled

**Equipment used:** Cable Tool

**Water use:** Domestic 

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

<table>
<thead>
<tr>
<th>Stratum</th>
<th>Top of Stratum</th>
<th>Bottom of Stratum</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil bound 6 to 13 ft</td>
<td>N</td>
<td></td>
</tr>
<tr>
<td>Sand and Gravels 6 to 13 ft</td>
<td>W</td>
<td></td>
</tr>
<tr>
<td>Clay 13 to 53 ft</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Clay bound 53 to 75 ft</td>
<td>S</td>
<td></td>
</tr>
<tr>
<td>53 to 75 ft</td>
<td>G1</td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well:** 54 feet.

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

**Pumping Water Level:** 32 feet at 35 gal. per minute.

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

**How Tested:** Pumped

**Length of Test:** 6 hours

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

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

**_SHOW EXACT DEPTH OF BOTTOM.**

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

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

Filed July 14, 1967
at 12:15 P.M.

County Clerk & Recorder
Alta M. Haynes

Fee $2.00
Form No. 18
8-69

Montana Bureau of Mines and Geology
Butte, Montana

Water Well Log

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jake &amp; Rudolf Schutter</td>
<td>St. Rt. Gallatin</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date Started | Date Completed


Type of well
- Dig (dig, driven, or drilled)
- Equipment used

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

Casing:
- 2 ft. to 23 ft. Type Steel Size 15'
- ft. to ft. Type Size
- 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: 15 feet.

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

Pumping water level 15' feet at gal. per min.

How tested:

Length of test:

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>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>15</td>
</tr>
<tr>
<td>15</td>
<td>20</td>
</tr>
</tbody>
</table>
### Water Well Log

**Location:** Sec. 28, T. 2 R. 5 § sec. 32

**Owner:** Jace & Rudolf Schutter

**Address:** St. Rt. Tallatin Gateway

**Driller:**

**Address:**

**Date Started:**

**Date Completed:**

**Type of Well:**

**Equipment Used:**

**Equipment:**

<table>
<thead>
<tr>
<th>Type</th>
<th>Equipment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dug</td>
<td>Hand dug</td>
</tr>
</tbody>
</table>

**Water Use:**

- Domestic [ ]
- Municipal [ ]
- Stock [X]
- Irrigation [ ]
- Industrial [ ]
- Drainage [ ]
- Other [ ]

**Casing:**

<table>
<thead>
<tr>
<th>Depth</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 ft. to 15 ft.</td>
<td>Rock</td>
<td>4' around</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Perforated or Screened:**

<table>
<thead>
<tr>
<th>Depth</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level:**

**Shut-in Pressure:**

**Pumping Water Level:**

**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</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>15</td>
</tr>
<tr>
<td>Field</td>
<td>Details</td>
</tr>
<tr>
<td>-------</td>
<td>---------</td>
</tr>
<tr>
<td>County</td>
<td>Gallatin</td>
</tr>
<tr>
<td>Owner</td>
<td>Jake &amp; Rudolf Schutter</td>
</tr>
<tr>
<td>Driller</td>
<td>Van Dyce</td>
</tr>
<tr>
<td>Date Started</td>
<td>Don't Know</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Don't Know</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 23, T. 2, R. 5 1/4 sec. 49</td>
</tr>
<tr>
<td>Type of well</td>
<td></td>
</tr>
<tr>
<td>Equipment used</td>
<td>Small</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic</td>
</tr>
<tr>
<td>Industrial</td>
<td>Drainage</td>
</tr>
<tr>
<td>Casing</td>
<td>75 ft. to 75 ft.</td>
</tr>
<tr>
<td>Casing</td>
<td></td>
</tr>
<tr>
<td>Casing</td>
<td></td>
</tr>
<tr>
<td>Perforated or screened</td>
<td></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>lb./sq. in. on:</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>feet</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, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth (feet)</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0</td>
<td>To 3</td>
</tr>
<tr>
<td>3</td>
<td>16</td>
</tr>
<tr>
<td>16</td>
<td>43</td>
</tr>
<tr>
<td>43</td>
<td>58</td>
</tr>
<tr>
<td>58</td>
<td>75</td>
</tr>
</tbody>
</table>
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: John Doe
Address: 123 Main St.

Driller: Jane Smith
Address: 456 Elm St.

Date Started: 2/1/19
Date Completed: 2/15/19

Location: Sec. 30 T. 25 R. 5E 1/2 sec. 5E/14

Type of well: Drilled

Equipment used: Drill tools

Water use: Domestic

Casing: 0 ft. to 60 ft. Type: Iron
Size: 12 in. at 0 ft. 17 ft. 12 in. at 0 ft.

Perforated or Screened: Ft. to Ft.

Type of screen or perforations

Static Water level, for non-flowing well: 50 feet.
Shut-in pressure, for flowing well: 10 lb./sq. in. on: (date)

Pumping water level: 30 ft. at: 100 gal. per min.

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

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>3</td>
<td>top saltes</td>
</tr>
<tr>
<td></td>
<td>3</td>
<td>16</td>
<td>sand &amp; gravel (9.6 m, 31.5 ft)</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>48</td>
<td>sand &amp; gravel (9.6 m, 31.5 ft)</td>
</tr>
<tr>
<td></td>
<td>48</td>
<td>58</td>
<td>gravel, sand, small gravel (10.8 m, 35.5 ft)</td>
</tr>
<tr>
<td></td>
<td>58</td>
<td>60</td>
<td>gravel, sand, small gravel (10.8 m, 35.5 ft)</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: August 1, 1963

Owner name: Delmar White
Address: 123 Main St., Bozeman, MT

Contractor (if any): Not applicable
Address of Contractor: Not applicable

Date Started: Not applicable
Date Completed: Not applicable

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

Sub-irrigation

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.

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 Aug 16, 1963 at 9:30 A.M.

By

County Clerk & Recorder

Fee $2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)

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 may be returned.

For Administrator’s Use

Owner: Hanson & Jack W. White
Address: Star Route Gallatin Gateway Mont.
Contractor (if any): None
Address of Contractor:
Date Started: Date Completed:

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

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

Pump & Gravity

3. Depth of water table: 4 feet

4. Use of the water for irrigation of agriculture lands

5. Amount of groundwater claimed (in miner’s inches or gallons per minute) 400 miner inches

6. If used for irrigation, give number of acres and description of land

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

Elevation of spring, if known or estimated 5000 ft.

7. Estimate amount of water used each year Same

8. Months of year spring flows

Signature of Owner

Date 5/1/25

Located on north line of N
T. 28 R. 53 E

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.

County: Gallatin

File # 3/2/8

GW 100

Nov. 30/1921 10:30 a.m.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962
(Under Chap. 737, Montana Session Laws, 1961, as amended)

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 may be returned.

Owner: Emerson S. and Jack H. B.
Address: Star Route, Gallatin Gateway, Mont.

For Administrator's Use
File #: 3/67
May 30, 1972

GW 1

Date Started: May 15, 1972
Date Completed: May 30, 1972

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)
   Dragline ditch.

2. Means of withdrawing water (gravity, pump, canal, etc.)
   Pump & Gravity.

3. Depth of water table
   4 feet.

4. Use of this water for irrigation of agriculture lands

5. Amount of groundwater claimed (in miner's inches or gallons per minute)
   1000 miner inches.

6. If used for irrigation, give number of acres and description of land
   160 Acres.

7. Estimate amount of water used each year
   Same.

8. Months of year spring flows

Signature of Owner: Emerson S.
Date: 6/7/1972

5/925
Form No. 18
8-60 T.

COUNTY

Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

STATE ENGINEER

Owner: Ramon S. White  Address: Star R.
Drailler: Van Dyken  Address: Bozeman
Date Started: Nov. 1956  Date Completed: Nov. 1956
Location: Sec. 28 T. 28 R. 5 E 1 sec. of N. Y.

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Drill</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Municipal</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Stock</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Irrigation</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Industrial</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drainage</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<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>Stock</td>
<td>Irrigation</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 50 ft.</th>
<th>Type:</th>
<th>Size: 8&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td>____________ ft. to ____________ ft.</td>
<td>Type:</td>
<td>Size:</td>
</tr>
<tr>
<td>Casing:</td>
<td>____________ ft. to ____________ ft.</td>
<td>Type:</td>
<td>Size:</td>
</tr>
<tr>
<td>Perforated or screened:</td>
<td>____________ ft. to ____________ ft.</td>
<td>Type:</td>
<td>Size:</td>
</tr>
<tr>
<td>Type of screen or perforations:</td>
<td>none</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level, for non-flowing well: ____________ feet.
Shut-in pressure, for flowing well: ____________ lb./sq. in. on: (date)
Pumping water level: ____________ ft at ____________ gal. per min.

How tested: ____________ boiler
Length of test: ____________ hr
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>1½</td>
</tr>
<tr>
<td>1½</td>
<td>to 50</td>
</tr>
</tbody>
</table>

---

**Note:**
- The table contains the depth measurements and the materials drilled at those depths.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1932

State of Montana
Administrator of Groundwater Code
State Water Conservation Board

Notice of Completion of Groundwater Appropriation by Means of Well

Owner: Viril L. & Darlene R. B. Address: Star Route, Gallatin
Driller: Harold Hubert Address: Route 1, Bozeman

Date of Notice of appropriation of groundwater: 
Date well started: Oct 2, 1933. Date completed: Oct 18, 1933.

Type of well: Drill
Equipment used: Churn
(Dig, driven, bored or drilled) (Churn, drill, rotary or other)

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

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

<table>
<thead>
<tr>
<th>Name</th>
<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></td>
<td>7&quot;</td>
<td>6 5/8</td>
<td>0</td>
<td>32</td>
<td>none</td>
</tr>
<tr>
<td></td>
<td></td>
<td>0.2</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>23 Lb</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

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

Show exact depth of bottom.

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
State of Montana
County of Gallatin
Filed June 29, 1967
at 9:00 o'clock A.M.

Carl D. Stack

Harry Clark & Jackson

Depos.

Fee $ 7.00
Notice of Completion of Groundwater Appropriation
Without Well
Developed After January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: June 27, 1967
Owner: Virgil & Darlene Wright
Address: Star Route, Gallatin County, Montana
Contractor: Larry Davidson
Address of Contractor: Spokane, Washington
Date Started: 1963, Date Completed: 1963

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

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

3) Depth of water table

4) Use of the water
   irrigation

5) Amount of groundwater claimed (in miner's inches, or gallons per minute)
difficult to measure

6) If used for irrigation, give number of acres and description of land
two acres which are a small pasture and a yard

7) Estimate amount of water used each year

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.
State of Montana
County of Missoula

Filed: June 29, 1967
at 9:05 o'clock A.M.

Carl E. Stuckey
County Clerk & Recorder

By: Paul M. Maxwell
Deputy

Fee $ 20.00