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Montana Bureau of Mines and Geology
Butte, Montana

Water Well Log

STATE ENGINEER

Owner: Gene A. Doornbos
Address: Star R. Block
Driller: Unknown
Address: Bormann Montana

Date Started: In the 1860s (hand dug)
Date Completed: Drilled 1905

Location: Sec. 1 T. 3 S. R. 4 E 1

Type of well: Dug and drilled (bore or access)
Equipment used: (Chamfer, rotary, other)

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

Casing: 90 ft. to 95 ft. Type: Iron Size: 8 inch
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: Unknown

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: have pumped for sixty’s hours from inch pipe under forty lbs pressure with a decline in the water level

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

The water comes with in twenty feet of the surface have never had any water shortage water a hundred head of stock for six month they winter months irrigate 1/2 acre of garden and lawn in the summer months

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Gallatin County  
State of Montana

Filed: Dec 30, 1961  
At: 3:30 p.m.

Curt Walton  
COUNTY COURT WITNESS

By: John J. Morrow  
236  26th A

Fee $ 0.25
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:**

**Driller:**

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

**Date well started:**

**Date completed:**

**Type of well:**

**Equipment used:**

**Water use:**

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

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

<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></td>
<td></td>
<td></td>
<td></td>
<td>Kind</td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well**

**Shut-In Pressure for Flowing Well**

**Pumping Water Level**

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

**How Tested**

**Length of Test**

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

**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:**

---

**File No.:**

**County:**

**Approved Stock Form—State Publishing Co., Helena, Montana, 4564.**

---

**Show exact depth of bottom.**

---

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

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

---

**Driller’s License Number**

**Driller’s Signature:**

---

**42045**
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

**1. Hart, Donald Wilson & Hunter A. Hart**

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Gallatin County</strong></td>
<td><strong>Gallatin</strong></td>
<td><strong>Montana</strong></td>
</tr>
</tbody>
</table>

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

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

   **For domestic use and irrigation**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. **Approximately 1920 when well was first dug, electric pump has been in use since 1946**

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

   10 acres in S 1/4 of S 1/2

   **Sec. 1, T 35, R 4 E**

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

   Electric well pump, same location as above.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Approximately 1920

8. The depth of water table. 10 feet - the table varies 7' in summer to 15' in winter.

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.

   One drilled well - 36 feet deep - six inch casing

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

11. The log of formations encountered in the drilling of each well if available. 18 inches of top soil, remainder sand, rock and aggregate base

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.

   No other information available

---

**Signature of Owner**

[Signature]

**Date:** 11/18/1963

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

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

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

Filed December 17, 1963
at 11:20 o'clock A.M.

EARL WALTON

By

DEPUTY

Fee $2.00 pd
**WATER WELL LOG**

**Owner:** John H. Long  
**Address:** 205 S. 3rd

**Driller:** Jack H. Hudson  
**Address:** Star Rt. 1, Butte, Montana

**Date Started:** April 10, 1958  
**Date Completed:** April 10, 1958

**Location:** Sec. 1, T. 3 S., R. 4 E., 1/4 sec. 5, T. 5 of W., 5

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dug</td>
<td>Backhoe</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:** Drilled

**Static Water level, for non-flowing well:** 15 feet

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

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

**How tested:**  
- Test incomplete

**Length of test:**

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

... (over)
The document shows a table titled "Log of Well" with two columns: "Depth, feet" and "Description of Material Drilled." The table contains the following entry:

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>17</td>
<td>Clay gravel</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Merry John Long and Eileen Loreta Long, of Gallatin County, Montana.  I have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. Name of Appropriator, Address, Town, and State of

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Not actually used as yet. See question 12.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 1000 gal. per minute as stated in letter referred to in question 12.

5. If used for irrigation, give the acres and description of the lands to which water has been applied and name of the owner thereof. See Item 1.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Would require pump. See question 12.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Started July, 1950; stopped drilling August, 1960.

8. The depth of water table. Two to four ft. below ground level in summer to about 20 to 25 ft. in late winter.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled well with 12 inch steel casing to 4 feet below ground level, then drilled without casing to depth of 115 ft. Casing is extensively perforated.

10. The estimated amount of groundwater withdrawn each year. Not used to date. See question 12.

11. The log of formations encountered in the drilling of each well if available. 0-82 ft. - Apparal and clay & rocks. 82-87 ft. - Gravel—water bearing area. 87-115 ft. - Clay with very thin layers of limestone or sand.

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

Signature of Owner

Date

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
12. Well produced 305 gallons per minute with 45 foot lift, when tested in August 1958. May develop further if economically feasible. Well was drilled by Van Dyken Drilling Company. Advised by letter from U. S. Geological Survey, Billings, Mont. to Professor Charles E. Bowman, Montana State College, with carbon copies to John H. Long, and Montana Bureau of Mines and Geology, that well would produce 1,000 gallons per minute with 10 - 15 foot lift.
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: Richard Cleveland
Address: Star Route
Gallatin, Montana

Date well started: Aug. 10, 1972
GW 430 g.p.
Completed: Aug. 12, 1972

Type of well: Drilled
Equipment used: Churn Drill

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

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Rise and Pitch of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6 5/8</td>
<td>1'</td>
<td>40</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 50 feet
Pumping water level: 422 feet

*Measured from ground level.

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: 2100 Bridge Drs.
State of Montana
County of Gallatin ss.
Filed April 30, 1973
at 4:30 o'clock P.M.

Carl L. Story
County Clerk & Recorder

By: Alto Haggard

Fee $5.00
File No.

DUPLICATE

MONTANA WATER RESOURCES BOARD

RECEIVED

LOG

NOV 3 1969

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION 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)

Richard Lee Collins
Owner

DICK COLLINS
Address

GALLATIN CO.

Driller

Potts
Address

BOWERY MOUNT

Date of Notice of appropriation of groundwater

Feb 22, 69

Date well started

Feb 27, 69

Date completed

Feb 27, 69

Type of well

DRILLED

Equipment used

Cable Tool

(Dug, driven, bored or drilled)

Churn drill, rotary or other)

Water use:

Domestic

Municipal

Stock

Irrigation

Industrial

Drainage

Other

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cutter</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2</td>
<td>6 1/2</td>
<td>11</td>
<td>50</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

26 feet.

Shut-in Pressure for Flowing Well

30 feet.

Pumping Water Level

30 feet.

at

60 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: PUMP F-BAILER

Length of Test

24 HRS.

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

Show exact depth of bottom.

Lot 18, Peak View Subdiv.

1/4 Sec. 2, T. 36 R. W.

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

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

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

Driller's License Number

Driller's Signature

150

45803
State of Montana
County of Gallatin
Filed October 31, 1969
at 1:45 o'clock P.M.

Carol E. Studley
County Clerk & Register

$20.00

#7532
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner: Clyde Fergesen
Address: 3115
          Gallatin Gateway, MT

Top of Ground (Rev. above seat level)

Type of well: Drilled
Equipment used: Cable tools

Date well started: 7-19-72
Completed: 7-21-72

Date well started: 7-19-72
Completed: 7-21-72

USE: Domestic

Static water level 9 ft.

Pumping water level 12 ft.

at gallons per minute, measured 80 minutes after pumping began.

*Measured from ground level.

Power: Air

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

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

EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller’s Signature: J. Potts
Driller’s Address: R.P. #1 Box 100, Mont.

LICENSE NO. 150.
State of Montana  
County of Gallatin  ss.
Filed: August 23, 1972
at 10:30 A.M.

County Clerk & Recorder
By: [Signature]
D rpuy
Fee $25.00
**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:** May 5, 1972

**Completed:** May 9, 1973

**Type of well:** Drilled (Dug, driven, bored or drilled)

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

**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 Hole</th>
<th>Size and Weight of Casing</th>
<th>Top of Ground</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>6 1/2 ft. above</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of Perforation</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static water level:** 43 ft.

**Pumping water level:** 44 ft.

at 20 gallons per minute, measured at 30 minutes after pumping began.

*Measured from ground level*

**Well developed by:**

**Power:** 1/2 HP

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

---

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

**Lot 16, Blk. 1, Peakview Sub-**

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

**Driller’s Signature:**

**Driller’s Address:** 2210 Old Bowman, Montana

**Driller’s Drilling:** LICENSE NO. 47

---

**RESERVED**

**County:**

**35-4E**
State of Montana
County of Gallatin

Filed: March 12, 1928
at

Carl L. Starke
County Clerk & Recorder

By: Ada M. Walker
Deputy

Fee: $200.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Marguerite M. Good
   (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: Household and
   Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 15, 1957
   Continuous use

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

5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof
   Marguerite M. Good, owner
   2.35 acres

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   1 hr. deep well at 46 feet
   1 hr. shallow well at 17 feet
   Both pumps in the same well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of
   ground water: Well completed June 15, 1957, commencement of well not available

8. The depth of water table: 14 feet from ground level

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Well is 51 feet deep with 6 inch casing

10. The estimated amount of groundwater withdrawn each year: 600,000 gal / year

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: Marguerite M. Good
Date: Dec 27, 1963

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

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

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

Filed December 27, 1963  
at 10:37 o'clock A.M.

EARL WATSON
COUNTY CLERK & RECORDER

By

File $2.00 pd.
**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.

<table>
<thead>
<tr>
<th>Owner</th>
<th>Dean Hartman</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Bozeman, Montana</td>
</tr>
</tbody>
</table>

File: 00500  
July 1, 1993

Date well started: 4-16-73  
Date well completed: 4-19-73

Type of well: **drilled**

Equipment used: **cable tool**

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

---

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Size of Perforations</th>
<th>Size and Weight of Cut</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>17</td>
<td>4</td>
<td>52</td>
</tr>
</tbody>
</table>

Static water level: 36 feet  
Pumping water level: 38 feet  
Flow: 25 gallons per minute, measured 30 minutes after pumping began.

*Measured from ground level.  
Well developed by: **bailier**

Power: 9 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 #: Bozeman, Montana  
License No.: 150

---

**3 ft. Show exact depth of bottom**
State of Montana
County of Gallatin

Filed ___, 1973
at ___, P.M.

Paul L. Slabka
County Clerk & Recorder

By ___, Deputy

Fee $ 2.00
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: John Smith
Address: 123 Main St, Helena, MT

Driller: John Driller
Address: 456 Elm St, Helena, MT

Date of Notice of Appropriation of Groundwater: January 14, 1962
Date well started: January 1, 1962
Date well completed: January 17, 1962

Type of well: Dug
Equipment Used: Dug well

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 water rises in the well.

<table>
<thead>
<tr>
<th>Stratum</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rock</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 43 feet.
Shut-in Pressure for flowing well:
Pumping Water Level: 43 feet at 50 gal. per minute.
Discharge in gal. per min. of flowing well:
How Tested: Gas meter
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 pertinent information, including number of acres irrigated, if used for irrigation.

Driller's License Number: 12345
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 71st May, 1962
at 4:15 o'clock P.M.

R. H. Fawcett
COUNTY CLERK & RECORDER

By:  

FEE $2.00
<table>
<thead>
<tr>
<th><strong>Owner</strong></th>
<th><strong>Address</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Driller</strong></th>
<th><strong>Address</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Date Started</strong></th>
<th><strong>Date Completed</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>04/11/61</td>
<td>Mar. 27, 61</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Location</strong></th>
<th><strong>Sec.</strong></th>
<th><strong>T.</strong></th>
<th><strong>R.</strong></th>
<th><strong>4E</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>380</td>
<td>4E</td>
<td>5-6E</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Type of well</strong></th>
<th><strong>Equipment used</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cassel&lt;br&gt;Truck</td>
<td>Water well truck</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Water use</strong></th>
<th><strong>Domestic</strong></th>
<th><strong>Municipal</strong></th>
<th><strong>Stock</strong></th>
<th><strong>Irrigation</strong></th>
<th><strong>Industrial</strong></th>
<th><strong>Drainage</strong></th>
<th><strong>Other</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Casing: 0 ft. to 49 ft.</strong></th>
<th><strong>Type:</strong></th>
<th><strong>Size:</strong></th>
<th><strong>Chimney Cast</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>4 x 4</td>
<td>19 P.F.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th><strong>Casing: 49 ft. to ft.</strong></th>
<th><strong>Type:</strong></th>
<th><strong>Size:</strong></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Perforated or Screened: Ft. to ft.</strong></th>
<th><strong>Type: Screen or perforations</strong></th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th><strong>Static Water level, for non-flowing well:</strong></th>
<th><strong>feet.</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>22</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th><strong>Pumping water level:</strong></th>
<th><strong>feet at:</strong></th>
<th><strong>gal. per min.</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>5</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th><strong>Length of test:</strong></th>
<th><strong>1 day</strong></th>
</tr>
</thead>
</table>

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

---

(over)
<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>County</td>
<td>Butte</td>
</tr>
<tr>
<td>Date Received</td>
<td>Mar 13 1961</td>
</tr>
<tr>
<td>Owner</td>
<td>Samuel Johnson</td>
</tr>
<tr>
<td>Address</td>
<td>Butte, Montana</td>
</tr>
<tr>
<td>Driller</td>
<td>Jim Johnson</td>
</tr>
<tr>
<td>Address</td>
<td>Butte, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>Apr 16</td>
</tr>
<tr>
<td>Date Completed</td>
<td>May 26</td>
</tr>
</tbody>
</table>
| Location                                  | Sec 2, T 350 R 45 1/4 sec NW 1/4 SE 1/4 |}

**WATER WELL LOG**

**Owner:** Samuel Johnson  
**Address:** Butte, Montana

**Driller:** Jim Johnson  
**Address:** Butte, Montana

**Date Started:** Apr 16  
**Date Completed:** May 26

**Location:** Sec 2, T 350 R 45 1/4 sec NW 1/4 SE 1/4

**Type of well:** Drilled

**Equipment used:** Cable tool

**Water use:**
- Domestic □
- Municipal □
- Stock □
- Irrigation □
- Industrial □
- Drainage □
- Other: Irrigation court

**Casing:**
- 0 ft to 49 ft Type: Galvanized steel Size: 2 1/4" OD 1 1/2" ID

**Perforated or screened:**
- 0 ft to ft Type Size

**Type of screen or perforations:**

**Static Water level, for non-flowing well:** 22 feet

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

**Pumping water level:**
- 21 feet at 25 gal per min

**How tested:** Bailin

**Length of test:** 1 hr

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

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 1</td>
<td>Silt</td>
</tr>
<tr>
<td>1 to 9</td>
<td>beds + marl + silt</td>
</tr>
<tr>
<td>9 to 15</td>
<td>sand + silt</td>
</tr>
<tr>
<td>15 to 20</td>
<td>sand + silt</td>
</tr>
<tr>
<td>20 to 25</td>
<td>sand + silt</td>
</tr>
<tr>
<td>25 to 30</td>
<td>sand + silt</td>
</tr>
<tr>
<td>30 to 35</td>
<td>sand + silt</td>
</tr>
<tr>
<td>35 to 40</td>
<td>sand + silt</td>
</tr>
<tr>
<td>40 to 45</td>
<td>sand + silt</td>
</tr>
<tr>
<td>45 to 50</td>
<td>sand + silt</td>
</tr>
</tbody>
</table>

By: John D. Pellon

Chief: L. F. Smout

Recorded: 7-21-21

[Stamp: Galion County]
# Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 1</td>
<td>Sable</td>
</tr>
<tr>
<td>1 - 9</td>
<td>Banker and gravel</td>
</tr>
<tr>
<td>9 - 15</td>
<td>Sand</td>
</tr>
<tr>
<td>15 - 30</td>
<td>Sand and gravel</td>
</tr>
<tr>
<td>30 - 35</td>
<td>Little water and gravel</td>
</tr>
<tr>
<td>35 - 45</td>
<td>Very sandy, clean gravel</td>
</tr>
<tr>
<td>45 - 46</td>
<td>Clean and gravel</td>
</tr>
</tbody>
</table>

By [Signature]  
State of [State]  
Filed [Date]  
1951
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1955

Owner: W. D. Johnson
Contractor (if any):
Address of Contractor: 

Date Started: 1955 Date Completed: 1955

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. A main ditch was place at approximately 6' depth to drain some fields. I use this to sub-irrigate.

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. Approximately 100' water in a line. This work is for irrigation and special irrigation.

Signature of Owner: W. D. Johnson
Date: Jan 16, 1964

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 this 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: Feb. 21, 1953
at 11:34 o'clock AM.

Carl Walton
COUNTY CLERK & RECORDER

By: [Signature]

Fee $ __________
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Mervyn John Bong
Address: 1025 C St, Butte, MT

Date of Notice of Appropriation of Groundwater: 12/19/63
Date well started: 12/21/63
Date well completed: 12/19/63

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

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 Case</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>6.00</td>
<td>0</td>
<td>64</td>
<td>None</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 43 feet.
Shut-in Pressure for Flowing Well: ________________
Pumping Water Level: 43 feet at ________________ gal. per minute.
Discharge in gal. per min. of flowing well: ________________

How Tested: Drilled
Length of Test: 2 hrs.

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)


Indicate location of well and place of use, if possible. Each small square represents 10 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.

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.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1963)

Owner: Manhattan, Montana
Address: Manhattan, Montana

Driller: Harold Holbrook
Address: Box 538, Big Timber

Date of Notice of Appropriation of Groundwater: ______________________
Date well started: ______________________
Date well completed: ______________________

Type of well: Drilled
Equipment Used: Churn, drill, rotary 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 Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Static Water Level for non-flowing Well: _____________ feet.
- 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)

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, as state, otherwise the form will be returned.

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

Owner: Mr. & Mrs. Dall Monroe
Address: Star Route, Bozeman, MT

Date of Notice of Appropriation of Groundwater: July 25, 1964
Date well started: July 25, 1964
Date Completed: July 27, 1964

Type of well: Drilled
Equipment Used: Churn drill

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 Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 191 feet.
Shut-in Pressure for Flowing Well: 48 feet.
Pumping Water Level: 53 feet at: 24 gal. per minute.
Discharge in gal. per min. of flowing well:
How Tested: Pump
Length of Test: 1½ hrs.

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.

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

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.
# 1870

Reception # 54410

State of Montana  
County of Gallatin  
Filed, Dec. 8, 1904  
at 12:30 P.M.

[Signature]
COUNTY CLERK & RECORDER

[Signature]
DEPUTY

Fee $2.00
**Notice of Completion of Groundwater Appropriation by Means of Well**

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

**NAME OF OWNER**

**DANIEL A. SIMMONS**

**ADDRESS**

**ROUTE 1, HOZENMAN**

**DATE OF NOTICE OF APPROPRIATION**

**July 1969**

**DATE WELL STARTED**

**July 1969**

**DATE WELL COMPLETED**

**July 1969**

**LOCATION OF WELL**

**ROUTE 1, HOZENMAN**

**WELL DEPTH**

**46'**

**WATER USE**

**Domestic**

**Municipal**

**Industrial**

**Drainage**

**Other**

**DESCRIPTION OF WELLS**

<table>
<thead>
<tr>
<th>Type of</th>
<th>Drilled</th>
<th>Equipment Used</th>
<th>Water Use</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>Well</td>
<td>Dug</td>
<td>Cable Tool</td>
<td>Domestic</td>
<td></td>
</tr>
</tbody>
</table>

**DEPT.**

**DUG**

**SAND & GRAVEL**

**FINDING**

**SPACE FOR PERFORATIONS**

**DISCHARGE**

**46.7 GPM**

**USE**

- **Irrigation**
- **Other**

**STOCK**

**INDUSTRIAL**

**DRAINAGE**

**OTHER**

**REMARKS**

- **Gravel packing, cementing, packers, type of shutoff**

**SIGNATURES**

**DRILLER'S SIGNATURE**

**MONTANA WATER RESOURCES BOARD**

**RECEIVED**

**MAY 25 1970**

**FILE NO.**

**DUPLICATE**

**COUNTY**

**MONTANA WATER RESOURCES BOARD**

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

**COUNTRY CLERK AND RECORDER**

**DRILLER'S LICENSE NUMBER**

**46483**
This is a request for additional information as indicated. Please complete and return the corrected copy to the Montana Water Resource Board in Bozeman.

ATTENTION: Drillers, would you please furnish the address of the owner.

State of Montana
County of Gallatin
Filed May 22, 1970
at 2:00 o'clock P.M.

Carl L. Stickney
County Clerk & Recorder

Fees $200.00

Deputy
Recently a copy of a groundwater appropriation form,

- GW 1, Notice of Appropriation of Groundwater
- GW 2, Notice of Completion of Groundwater Appropriation by means of Well
- GW 3, Notice of Completion of Groundwater Appropriation without Well
- GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner: Daniel Morris  
Address: Gallatin Gateway  
Location: Sec. 2 T. 3S R. A2  
Document No.: 2282

This is to inform you that your GW form has been received and is complete as filed.

This is a request for additional information if available. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

ATTENTION: Driller. Would you please furnish the address of the owner.

Other.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature

47
MONTANA WATER RESOURCES BOARD
RECEIVED T I V E
MAY 25, 1970

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1963
(Under Chapter 237, Montana Session Laws, 1961)

Notice of appropriation of groundwater
Appropriation by means of well

Owner: Donald J. Albert
Address: 
Driller: Harold Albert
Address: 

Date of Notice of appropriation of groundwater: July 1968
Date well started: July 1968
Date well completed: July 1969

Type of well: Drilled
Equipment used: Cable tool

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Core</th>
<th>From Top</th>
<th>To Top</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>10 lb</td>
<td>6 5/8&quot;</td>
<td>46 7/8&quot;</td>
<td>none</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

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

(Continue on reverse side)

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

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

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

Driller's License Number

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

**Developed After January 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

**Marvin T. & Maxine K. Nelson**  
**Box 66**  
**Gallatin Gateway**

**Driller:** Harold Hullbert  
**Address:** Bozeman

**Date of Notice of appropriation of groundwater:** Oct. 19, 1965

**Date completed:** Oct. 22, 1965

### Log

<table>
<thead>
<tr>
<th>Elev. above sea level</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-24</td>
<td>gravel &amp; rock</td>
</tr>
<tr>
<td>24-32</td>
<td>gravel &amp; clay</td>
</tr>
<tr>
<td>32-55</td>
<td>clay</td>
</tr>
<tr>
<td>35-39</td>
<td>clay &amp; rock</td>
</tr>
<tr>
<td>39-40</td>
<td>clay &amp; rock</td>
</tr>
<tr>
<td>40-42</td>
<td>sand &amp; water</td>
</tr>
<tr>
<td>42-44</td>
<td>clay &amp; rock</td>
</tr>
<tr>
<td>44-46</td>
<td>gravel &amp; water</td>
</tr>
<tr>
<td>46-48</td>
<td>gravel &amp; water</td>
</tr>
<tr>
<td>48-50</td>
<td>gravel &amp; water</td>
</tr>
</tbody>
</table>

**Top of Ground**

- **Drilled:** Driven or bored  
- **Equipment used:** Churn drill

**Type of well:** Drilled  
**Equipment used:** Churn drill

**Water use:** Domestic, Municipal, Stock, Irrigation, Industrial, Drainage, Other

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

### Perforations

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Foot</th>
<th>To Foot</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>10 lb 6 5/8 OD</td>
<td>4'</td>
<td>43'</td>
<td></td>
</tr>
</tbody>
</table>

- **Static Water Level for non-flowing well**
- **Shut-in Pressure for flowing well**
- **Pumping Water Level** at 25 feet
- **Discharge in gal. per min. of flowing well**
- **How Tested**
- **Length of Test** 2 Hrs.

**Lot 6, Peak View Sub-Division**

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

**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).

Show exact depth of bottom.

---

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
2047

State of Montana  ss.
County of Gallatin

Filed Oct. 17, 1966
at 1:30 o'clock P.M.

Carl G. Stanley

County Clerk & Recorder

Fee $2.00

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

**Schrader**

Owner: **WILMER A ALICE**
Address: **Star Rd., Bozeman**

Driller: **Donald C Jones**
Address: **Bozeman, Mont.**

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

Type of well: **Drilled**
Equipment used: **Churn Drill**

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

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

<table>
<thead>
<tr>
<th>Size of Well</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well**
30 feet.

**Shut-in Pressure for Flowing Well**

**Pumping Water Level**

48 feet.

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

**How Tested**

**Length of Test**

1 hr.

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

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

---

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

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

Driller's License Number

Driller's Signature
State of Montana
County of Gallatin

Filed May 11, 1966
12:20 P.M.

Carl L. Heady
County Clerk & Recorder

By
Deputy

1995
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

ARTHUR G. SIME and MARTHA H. SIME,
husband and wife, of Bozeman, Star Route.

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, for domestic and culinary purposes and for irrigation of yard and garden comprising about two acres

2. Date or approximate date of earliest beneficial use, and how continuous the use has been. 1920; use continuous since that date.

3. The amount of groundwater claimed (in miner's inches or gallons per minute) 3600 gallons per day

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

5. The means of withdrawing such water from the ground and the location of each well or other works for withdrawal. The above well has electric pump which has submersible suction and is located as marked on plat above.

6. The depth of water table 12 feet

7. The depth of well, 35 feet, the entire well of 35 feet is constructed of six inch casing with submersible pump operated by electricity.

8. The estimated amount of groundwater withdrawn each year 3600 gallons per day, each day of the year.

9. The log of formations encountered in the drilling of each well if available none available

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

Signature of Owner

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.
State of Montana
County of Gallatin

Filed (Nov. 31) 1963
at 12:09 o'clock M.
County Clerk & Recorder
By
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962

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

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

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

Owner: Garth R. Sipe

Star Route: Bozeman, Montana

Date well started: Oct. 12, 1972

Date well completed: Oct. 16, 1972

Type of well: Drilled

Equipment used: Cable tool

Water Use: Domestic x Municipal  Stock  Irrigation  Industrial  x Drainage  Other  x 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).

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

EACH SMALL SQUARE REPRESENTS 10 ACRES.

Perforations

<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>Est. Size</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>30</td>
<td>17</td>
<td>1</td>
<td>96.7</td>
<td>9</td>
<td>1</td>
</tr>
</tbody>
</table>

Static water level: 23 ft. Pumping water level: 33 ft.

at 30 gallons per minute, measured minutes after pumping began.

*Measured from ground level.

Well developed by bailer and pump for 3 hours.

Power: Pump: HP

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

Driller's Signature: 

Driller's Address: Bozeman, Montana

License No.: 135

Route #1: Bozeman, Montana

35 ft. Show exact depth of bottom

RECEIVED

JAN 18 1973

Gallatin County

DRILLER'S LOG

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

<table>
<thead>
<tr>
<th>Top of Ground (ft. above sea level)</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>14</td>
<td>14</td>
</tr>
<tr>
<td>21</td>
<td>21</td>
<td>21</td>
</tr>
<tr>
<td>31</td>
<td>31</td>
<td>31</td>
</tr>
<tr>
<td>35</td>
<td>35</td>
<td>35</td>
</tr>
</tbody>
</table>

Show exact depth of bottom.
State of Montana
County of Gallatin
Filed Jan. 16, 1978
at 10:55 a.m.
Carl L. Sudy
County Clerk & Recorder
By: Lewis A. Bridges
Deputy
Fees $ 750.00
Form No. 18
8-60

Montana Bureau of Mines and Geology
Butte, Montana

Water Well Log

Owner: Smith
Address: 123 Main St.

Driller: John Doe
Address: 456 Oak Ave.

Date Started: 6-30-20
Date Completed: 7-10-20

Location: Sec. 2, T. 3 S., R. 4 W., N. 1/4

Type of well Log (drill, dig, or drilled)
Equipment used: Drill

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

Casing: 10 ft. to 12 ft. Type [] Size 15
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: __________ 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)
<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>Sand, gravel, and coke</td>
<td></td>
</tr>
</tbody>
</table>
**STATE OF MONTANA**
**ADMINISTRATOR OF GROUNDWATER CODE**
**MONTANA WATER RESOURCES BOARD**

**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL**

Developed after January 1, 1962

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

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

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

---

**Owner**

**Gallatin County**

**Montana**

**Date well started**

GW 1 11:15 a.m. June 23, 1973

**Type of well**

Drilled

**Equipment used**

Cable tool

**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 Pipe</th>
<th>Size and Weight of Casing</th>
<th>From (Fee)</th>
<th>To (Fee)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6.5 id.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**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: [signature]

Driller's Address: [address]

Route 23; Bozeman, Montana 59715; LICENSE NO. 350

---

**Top of Ground**

<table>
<thead>
<tr>
<th>Strata</th>
<th>From (Fee)</th>
<th>To (Fee)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>2</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>rock and gravel</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>gravel and sandstone</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>rock and gravel</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>gravel and sandstone</td>
<td></td>
</tr>
</tbody>
</table>

**Static water level:** 80 ft.

**Pumping water level:** 78 ft.

*Measured from ground level. Well developed for 4 hours. Power:** HP

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

---

Show exact depth of bottom

53,799
State of Montana
County of Gallatin
Filed:
Page 22, 1973
at 0'clock P.M.
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: Mr. G. Zollinger
Address:__________________________

Gallatin Gateway, Montana ____________________________

Date well started: Aug. 10, 1972
completed: Aug. 16, 1972

Type of well: Drilled

Equipment used: Churn Drill

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

*Describe: ____________________________

USB: 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 Spline (In)</th>
<th>Size and Weight of Spline</th>
<th>From</th>
<th>To</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>6 5/8 OD x 17&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 17 ft.
Pumping water level: 44 ft.

at 30 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)

Lot 11 Peak View Sub-Div.

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

Driller's Signature: ____________________________

Driller's Address: 2103 Bridger Drive

Bozeman, Montana

LICENSE NO: 17

35-4E

County: Gallatin

Show exact depth of bottom
State of Montana  
County of Gallatin  

Filed  
OCT. 4  
1572  
at  
11:00  
A.M.  

Curtis  
County Clerk & Recorder  

By  
Deputy  

Fee $2.00  

3/37
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: Classie Long
Address: 703 S. 10th

Date well started: May 19, 1970
Completed: May 21, 1970

Type of well: Drilled
Equipment used: Cable Tool

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 Water</th>
<th>Size of Pipe</th>
<th>From (Fpm)</th>
<th>To (Fpm)</th>
<th>Preparations</th>
</tr>
</thead>
<tbody>
<tr>
<td>7' 6 5/6</td>
<td>6</td>
<td>20</td>
<td>28</td>
<td>NONE</td>
</tr>
</tbody>
</table>

Static water level: 6 ft. above ground level.
Pumping water level: 23 ft. above ground level.

*Measured from ground level.

Well developed by Pump for 48 hours.
Power: 5 HP. Pump: 5 HP

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

Driller's Signature: [Signature]
Driller's Address: Box 46, Malta, Montana

License No: 47

Top of Ground (Elev. above sea level)

- 0-12 Rock & Gravel
- 12-18 gravel & sand-rock
- 18-24 gravel & sand
- 24-30 gravel & sand
- 30-36 gravel & sand
- 36-42 gravel & sand
- 42-48 gravel & sand
- 48-54 gravel & sand
- 54-60 gravel & sand
- 60-66 gravel & sand

Show exact depth of bottom: 28 ft.