# DRILLER'S LOG

**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.

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**Owner:** Doug Rank

**Address:** Gallatin Gateway, Montana

**Date well started:** Nov. 2, 1972

**Completed:**

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**Type of well:** Drilled

**Equipment used:** Cable tool

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**Water Use:**
- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other

*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).

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**Estimated Annual Withdrawal**

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size of Pipe Or Cylinder</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>17.2 ft.</td>
<td>75 ft.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**Static water level:** 50 ft.

**Pumping water level:** 69 ft.

*Measured from ground level.

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**Power:** Pump

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

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

**Driller's Signature:**

**Driller's Address:** Lotte Drilling and Developing

**Route 2A, Bozeman, Montana**

**License No.:** 230

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**85 ft.** Show exact depth of bottom

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5/93
The beneficial use on which the claim is based — 
- irrigation, household, and watering stock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been — 1905 and has been used continuously since that time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) — 1,000 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 1 acre of land surrounding the house in the SE-1/4, SE-1/4, NW-1/4, of said section 23, owned by appropriators.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal — water is pumped by means of an electrical pump, well located adjacent to the house.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater — 1909

8. The depth of water table — 50 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 — a rock-casing well 19 inches in diameter and 80 feet deep

10. The estimated amount of groundwater withdrawn each year — 2 million gallons

11. The log of formations encountered in the drilling of each well if available — None 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 — Dave Schipper

Date — December 31, 1964

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

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

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

Filed   Dec 31 1963  
at 2:51 o'clock  PM.

EARL WALTON  
COUNTY CLERK & RECORDER

By  
DEPUTY

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

1. Richard Brown, of Gallatin Gateway
   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>W</th>
<th>N</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

   2. The beneficial use on which the claim is based: General household use of Persons.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May 15, 1950. Continuously since above date.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 6 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: 25 acres far irrigated except for 6 acres in town.

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Sept 12 to Feb 16, 1969.

   8. The depth of water table: 32 ft.

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

   - Casing: 44 ft. deep.
   - Drilled well 6 in.

   10. The estimated amount of groundwater withdrawn each year: 25,000 gallons.

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

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

   Signature of Owner: Richard Brown
   Date: 12/30/62

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
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
File: 2829
August 10, 1971
10:35
GW 1

Owner: JULIE HUTTINZIG
Address: GALLATIN GATEWAY

Contractor (if any): ____________________________
Address of Contractor: ____________________________
Date Started: __________________ Date Completed: __________________

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.):
   And claim to stream flow serving

2. Means of withdrawing water (gravity, pump, canal, etc.):
   Pump to ditch

3. Depth of water table:
   25 ft

4. Use of the water:
   Irrigation

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 100
   _______ mineral water

6. If used for irrigation, give number of acres and description of land:
   1.5 ac. pasture

7. Estimate amount of water used each year: __________

8. Months of year spring flows: 12 months

Signature of Owner: JULIE HUTTINZIG
Date: Aug 9, 1971

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated: 9,000 ft
State of Montana
County of Gallatin
Filed August 10, 1971
at 10:35 o'clock A.M.
Carl L. Stucky
Clerk & Recorder
By: Joelle A. Bridge
Deputy
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)

Jelke Huttunga, of Gallatin Gateway
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:
   Farm

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   Oct. 1948, dry season

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   About 10 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:
   Farm, Jelke Huttunga, owner

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Electric pump, NE-SE Sec. 35 T.35 R.46E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   Oct. 1948

8. The depth of water table:
   About 18 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   Steel casing, 81 in., 95 ft.

10. The estimated amount of groundwater withdrawn each year:
    5,533,600 gallons

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

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

Signature of Owner: Jelke Huttunga
Date: Dec. 26, 1962

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

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

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

Filed 13-3-1983

By

[Signature]

Debtor

[Debtor's Signature]

[Debtor's Name]

[Debtor's Address]

[Debtor's Phone Number]

[Debtor's Social Security Number]
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.

**Jelke & Louisa BUTTINA**

Driller's Use

**Address**

**Canyon Route**

**Gallatin Gateway, Montana**

Date well started

**GW1**

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>Date of Test</th>
<th>Water of Well</th>
<th>Depth (feet)</th>
<th>Flow (gpm)</th>
<th>Kind Name</th>
<th>From (feet)</th>
<th>To (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6-6-76</td>
<td>6' 17'</td>
<td>+1 35'</td>
<td>4</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*Static water level: 5 ft.*

*Pumping water level: 10 ft.*

*Measured from ground level.*

*Measured from start of pumping.*

*Power: Pump 1 HP.*

*Remarks: (Graceful packing, cementing, packers, type of sluice)*

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

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

**Top of Ground**

<table>
<thead>
<tr>
<th>Depth (feet)</th>
<th>To (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>15</td>
</tr>
<tr>
<td>15</td>
<td>20</td>
</tr>
<tr>
<td>20</td>
<td>35</td>
</tr>
</tbody>
</table>

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

**Driller's Signature**

**Driller's Address**

**Route 1, Bozeman, Montana**

**LICENSE NO. 150**

**35 ft.**

**Show exact depth of bottom.**
State of Montana
County of Gallatin
Filed Dec. 7, 1971
at 11:30 o'clock A.M.
Carl L. Stucky
County Clerk & Recorder
By: Lucinda Bridges
Deputy
Fee $2 50
As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

**Special Instructions:**

Please provide the dates the well was started and completed, where indicated on the enclosed copy of the appropriation you filed on December 7, 1971, and return to the above address.

Thank you.

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**RECEIVED**

**JAN 8, 1977**

**MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION**

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**Equipment used:**

- 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).

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**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Size of</th>
<th>Depth</th>
<th>Flow of</th>
<th>Flow (GPM)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Well</td>
<td>Ft.</td>
<td>(Ft.)</td>
<td>(Ft.)</td>
</tr>
<tr>
<td>17</td>
<td>41</td>
<td>50</td>
<td></td>
</tr>
</tbody>
</table>

**PERFORATIONS**

- Kind of Flow
- Flow of Water
- To (Ft.)

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**Static water level:** 5 ft.

**Pumping water level:** 12 ft.

*Measured from ground level.*

*Well developed by:* 6 inches after pumping began.

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**Power:**

- Pump
- HP
- Remarks: (Gravel packing, cementing, etc.)

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

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**Driller's Signature:**

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**Driller's Address:**

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**License No.**
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

(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.

Owner: Jolko & Lourina HUTTONG

Address: 3020 Grantto

Date well started: Aug 3, 1971

Date well completed: Aug 4, 1971

Type of well: Drilled

Equipment used: Cable tool

Water Use: Domestic, Municipal, Stock, Irrigation

Density: 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 Packed Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot; 17</td>
<td>63</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 5 ft.
Pumping water level: 6 ft.

Power: HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator
2. County of
3. 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. The log of formations encountered in the drilling of each well if available.
10. The estimated amount of groundwater withdrawn each year.
11. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

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 School of Mines and Quadruplicate for the Appropiorator.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: December 20, 1963


Contractor (if any): None

Address of Contractor:

Date Started: Date Completed:

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

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. Natural stream flow of about 40 to 50 gallons per minute used continuously for stock water.

Signature of Owner:

Date: December 20, 1963

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

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

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

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

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

1. George H. Montgomery of Gallatin Gateway
   (Name of Appropriator) (Address) (Town)
   County of Gallatin State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>W</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based: Household, School and Stock water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Household about 1870. Stock water 1952. School water 1961.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: No irrigation.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Jet deep well pumps used at each well. Wells are located in NE 3 of NE 1 of Sec.26 T 35 R 46

7. The depth of water table: About 30 feet in all wells.

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

9. The estimated amount of groundwater withdrawn each year: 1,350,000 Gallons.

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

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

Signature of Owner: __________________________
Date: December 20, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
Form No. 18

T. 38 R. 46
County: Madison

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

Owner: [Name]
Address: [Address]

Drilled By: [Name]
Address: [Address]

Date Started: [Date]
Date Complete: [Date]

Location: Sec. 26 T. 38 R. 46 1/4 sec. 7

Type of well: [Type of well]
Equipment used: [Equipment used]

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

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: [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)
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Dave Shipper & Lena Shipper, of Gallatin County, Montana
(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: domestic, irrigation, household and watering-stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1960 and has been used continuously since that time

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 500 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, located adjacent to the house and water is pumped by means of an electrical pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Summer of 1950

8. The depth of water table: 8 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: The well has a 6-inch steel casing, 8-feet in depth capable of pumping 500-gallons per minute

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

11. The log of formations encountered in the drilling of each well if available: None 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: 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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: ____________________________ Address: ________________

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

Type of well: ______________ Equipment Used: ______________
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic ______ Municipal ______ Other ______ Irrigation ______

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 (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>68 ft D</td>
<td>0</td>
<td>22</td>
<td></td>
</tr>
<tr>
<td>14 ft D</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)

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 ss.

Filed Oct 2, 1962
at 2:15 o'clock P.M.

Carl Walton
COUNTY CLERK & RECORDER

By Elle Morrow
DEPUTY

Fee $2.50
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. MYRA F. DANIEL, of Gallatin Gateway, Montana
   (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: domestic use for more than 50 years.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: since 1915 continuous.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1750 gallons per hour.

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

   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 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 as above set forth.

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

   Signature of Owner

   Date

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

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

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

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

THE IRVINE COMPANY, a Corporation, of c/o C. P. Shell,
Irving, California of Gallatin Gateway,

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 is domestic and livestock, and for irrigating lawn and garden
3. Date of appropriation and date of beneficial use, and how continuous the use has been: 1900 - and continuous since
4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 100 gallons each well
5. If used for irrigation, give the acreage and description of the land to which the 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 pumps - each
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1900
8. The depth of water table: About 30 feet each
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: Each about 60 feet deep
10. The estimated amount of groundwater withdrawn each year: 1,000,000 gallons each
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:

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.
1656
Colleen County, 1st
State of Montana, 1st
Files Dec 31, 1963
pt. 2:00 o'clock A.M.
Earl Walton
Clerk & Recorder
By
Tus E. E.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

THE IRVINE COMPANY, a Corporation, or c/o C. P. Shell
Irvine, California,

(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>No. 2</th>
<th>N. 1/4</th>
<th>SE. 1/4</th>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
<td>E</td>
<td></td>
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</tbody>
</table>

3. The beneficial use of which the land is benefited is domestic and irrigation, and the irrigating lawn and garden.

4. Date or approximate date of earliest beneficial use; and how continuous the use has been since 1900 and continuous use since 1936.

Two wells, marked No. 1 and No. 2 on plat.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Each by an electric pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Each about 1900.

8. The depth of water table. Each about thirty feet.

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

10. The estimated amount of groundwater withdrawn each year. Million gallons, each well.

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.

Executed by the undersigned on behalf of the owner as the lessee and agent of, and at the request of the owner, as a declaration of vested groundwater rights, which are appurtenant to the above described lands.

THE IRVINE COMPANY, by C. P. SHELL

Signature of Owner

Date: Dec. 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Gallatin County, State of Montana.
Filed: 31, 1963
at: 9:05 o'clock A.M.

COUNTY CLERK & RECORDER
By

Fee $1.00
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. MARY F. DANIEL, of Gallatin Gateway, 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 for more than 30 years

3. Date or approximate date of earliest beneficial use and how continuous the use has been. Continuous since 1915

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 15-20 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Hand-powered mill, approximately 15 feet in diameter and 30 feet deep, and pumped by hand-powered mill.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Exact date unknown. Appraisor has lived on premises for more than 40 years and was there when she came on premises. Hand-powered mill more than 50 years old.

8. The depth of water table. 45 to 50 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. None

10. The estimated amount of groundwater withdrawn each year. Used for stockwater only at present time. Estimated at approximately 85,000 gallons to 120,000

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: Mary F. Daniel
Date: December 17, 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
County of Gallatin

Filed December 20, 1965
at 8:14 o'clock A.M.

Carl L. Stucky
County Clerk & Recorder

By: Daniel A. Hapert, Deputy

Fee $2.00
## Water Well Log

**Owner:**

**Address:**

**Driller:**

**Address:**

**Date Started:** March 19th

**Date Completed:** May 1st

**Location:** Sec. 34 T. 35 R. 4E 1 sec. NW 1/4

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Arrived</th>
<th>Equipment used</th>
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<table>
<thead>
<tr>
<th>Water use:</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
<th>Industrial</th>
<th>Drainage</th>
<th>Other</th>
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</thead>
<tbody>
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<thead>
<tr>
<th>Casing:</th>
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<th>55 ft.</th>
<th>Type</th>
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<th>ft. to</th>
<th>ft.</th>
<th>Type</th>
<th>Size</th>
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<th>ft. to</th>
<th>ft.</th>
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<table>
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<tr>
<th>Perforated or screened:</th>
<th>Ft. to</th>
<th>Ft.</th>
<th>Ft. to</th>
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</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
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<tr>
<th>Static water level, for non-flowing well:</th>
<th>feet.</th>
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<tr>
<th>Shut-in pressure, for flowing well:</th>
<th>lb./sq. in. on:</th>
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<tbody>
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<table>
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<tr>
<th>Pumping water level</th>
<th>20 feet after the final per min.</th>
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<tbody>
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<thead>
<tr>
<th>How tested:</th>
<th>Electric Water Pump</th>
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<tbody>
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<table>
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<tr>
<th>Length of test</th>
<th>10 hours</th>
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<table>
<thead>
<tr>
<th>Remarks:</th>
<th>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
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</thead>
<tbody>
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<table>
<thead>
<tr>
<th>The type of shut-off is a feet cone.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Foot depth</td>
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(over)
Gallatin County, State of Montana

Filed
at
Dec 29, 1961
2:54 p.m.
Earl Wilson
County Clerk & Recorder

By
Linza McDowell
Deput

Fee $70.00
Form No. 18

<table>
<thead>
<tr>
<th>T.</th>
<th>R.</th>
<th>N.</th>
<th>S.</th>
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<tbody>
<tr>
<td>35</td>
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<td>29</td>
<td>60</td>
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</tbody>
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County: Hailstone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

**Owner:** A. H. Wilson  
**Address:** Hailstone, Hailstone

**Driller:** Bert H. Dyer  
**Address:** Bozeman

**Date Started:** March 1944  
**Date Completed:** March 1944

**Location:** Sec. 31, T. 35, R. 4E, S. 29

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

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

Casing: 100 ft. to 65 ft. Type: Steel, Size: 6"

Casing: 65 ft. to 50 ft. Type: Steel, Size:

Casing: 50 ft. to 20 ft. Type: Steel, Size:

Perforated or screened: 20 ft. to 10 ft. 10 ft. to 5 ft.

Type of screen or perforations

Static water level, for non-flowing well: 60 feet.

Shut-in pressure, for flowing well: 10 lb./sq. in. on: (date)

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

How tested: Electric Fathe Pump

Length of test: 10 hours

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

Fast rate shut-off - 50 feet down

(over)
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:

Owner: [Name]
Address: [Address]
Contractor (if any): [Name]
Address of Contractor: [Address]
Date Started: [Date]
Date Completed: [Date]

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

Draining Diked

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

Ditch

3) Depth of water table (feet).:

4) Use of the water:

Irrigation

5) Amount of groundwater claimed (in miner's inches, or gallons per minute): 50 inches or all

6) If used for irrigation, give number of acres and description of land: 40 acres, Mountain

7) Estimate amount of water used each year:

all available

Signature of Owner: [Signature]
Date: May 27, 1962

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

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Notice of Completion of Groundwater Appropriation
Without Well

Date of Appropriation of Groundwater
Owner: Effie Lee Adamson
Contractor (if any): Effie Lee Adamson
Address of Contractor: 1725 So. 5th Ave.
Date Started: 5/23
Date Completed: 5/23 1961
1) Describe means of obtaining groundwater (as by excavation, developed spring, drain, etc.):
   Quaity, Swamp

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

3) Depth of water table:
   5 feet

4) Use of the water:
   Irrigation

5) Amount of groundwater claimed (in inches or gallons per minute): 50 inches or all

6) If used for irrigation, give number of acres and description of land: 40 Acres, Meadow

7) Estimate amount of water used each year: all available

Signature of Owner: Effie Lee Adamson
Date: May 27, 1961

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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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: 
Owner: J. R. Smith  Address: Gallatin Gateway
Contractor (if any): Virgil Ward
Address of Contractor: 112 South Third, Bozeman
Date Started: 5-20-68  Date Completed: 5-29-68

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

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

3) Depth of water table: 10 feet

4) Use of the water: Irrigation

5) Amount of groundwater claimed (in miner’s inches, or gallons per minute): 30 inches on all water developed

6) If used for irrigation, give number of acres and description of land: 25 acres on 4-2-68

7) Estimate amount of water used each year: All water developed

Signature of Owner: J. R. Smith
Date: 6-3-68

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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

M. R. Brenner
(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:

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: June 1951 Contiguous Use

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1 gallon a 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, about 80-1/2 x 100

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: \[\text{indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.}\]

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Jan. 1951

8. The depth of water table: 42 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled Well 6 in. casing

10. The estimated amount of groundwater withdrawn each year: 25,000 gallon

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

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

Signature of Owner: M. R. Brenner
Date: Dec. 24, 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.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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</thead>
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<td>Campbell John A.</td>
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<td>Rodgers Russell and</td>
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<td>Charles R.</td>
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<td>Clark Janie E.</td>
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<td>Day Roswell</td>
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<td>Dietz Daniel R.</td>
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<td>Barbara R.</td>
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<td>Friends George E. and</td>
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<td>Charles R.</td>
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<td>Eugene E.</td>
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<td>Jackson M. P.</td>
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<td>Calvin Frank W.</td>
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<td>John R.</td>
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<td>SW 4</td>
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<td>Anna</td>
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<td>Johnson Mark B.</td>
<td>SW 4</td>
<td>3177</td>
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MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
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<tr>
<th>Owner</th>
<th>Address</th>
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<tbody>
<tr>
<td>John A. Campbell</td>
<td>Bozeman</td>
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<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
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</thead>
<tbody>
<tr>
<td>Van Dykien Drilling Co.</td>
<td>Bozeman</td>
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<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
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<table>
<thead>
<tr>
<th>Location</th>
<th>Sec</th>
<th>T</th>
<th>R</th>
<th>Site</th>
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<td>30</td>
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<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
<th>Cable tools</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>(Dug, driven, bored, or drilled)</td>
<td>(Churn drill, rotary, etc)</td>
</tr>
</tbody>
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<table>
<thead>
<tr>
<th>Water use</th>
<th>Stock</th>
<th>Irrigation</th>
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<tbody>
<tr>
<td>Domestic</td>
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<td></td>
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<tr>
<td>Industrial</td>
<td></td>
<td></td>
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<tr>
<td>Municipal</td>
<td></td>
<td></td>
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<tr>
<td>Stock</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Irrigation</td>
<td></td>
<td></td>
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<tr>
<td>Other</td>
<td></td>
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<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type</th>
<th>Size</th>
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<tbody>
<tr>
<td>0</td>
<td>Prime steel</td>
<td>5 5/8 O. D. 17# P. E.</td>
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<tr>
<td>69</td>
<td>ft. to</td>
<td>ft.</td>
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<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type</th>
<th>Size</th>
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</thead>
<tbody>
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<td></td>
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<table>
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<tr>
<th>Perforated or Screened:</th>
<th>Type of screen or perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ft. to ft.</td>
<td>Ft. to Ft.</td>
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<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>Shut-in pressure, for flowing well:</th>
</tr>
</thead>
<tbody>
<tr>
<td>34 feet</td>
<td>lb./sq. in. on: (date)</td>
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<table>
<thead>
<tr>
<th>Pumping water level</th>
<th>49 feet at</th>
<th>gal. per min.</th>
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<tbody>
<tr>
<td>50</td>
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<table>
<thead>
<tr>
<th>How tested:</th>
<th>Length of test:</th>
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<tbody>
<tr>
<td>Bailier</td>
<td>1 hr.</td>
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<table>
<thead>
<tr>
<th>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
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</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>2</td>
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<tr>
<td>2</td>
<td>69</td>
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</tbody>
</table>

Log of Well

State of Kentucky
County: 
Township: 
Range: 
Section: 
Lot: 
Owner: 
Drilled by: 
Driller: 
Date: April 21, 1954
Notice of Completion of Groundwater Appropriation by Means of Well Developed After January 1, 1962

UNDER CHAPTER 237, MONTANA SESSION LAWS, 1961

Donnabelle Camper
Owner
Address: Bozeman, Mont.

Driller: Van Dyken Drilling Co.
Address: Bozeman, Montana

Date of Notice of appropriation of groundwater: June 15

Date well started: June 7/66
Date completed: June 10/66

Date of Notice of appropriation of groundwater: June 15

Type of well: Drilled

Equipment used: Cable tools (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.

**Log**

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Front (Feet)</th>
<th>Deep (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6 5/8&quot;</td>
<td>0</td>
<td>64&quot;</td>
<td>none</td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well**: 35 feet

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

**Pumping Water Level**: 42 feet

**Discharge in gal. per min. of flowing well**: none

**How Tested**: Baller

**Length of Test**: 1 hr.

**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.**

**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)

License No. 1

Driller's License Number

Driller's Signature

50451
## NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

(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.

### Driller's Log

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

### Top of Ground

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Character, Color, Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-10</td>
<td></td>
<td>Topsoil and very coarse gravel</td>
</tr>
<tr>
<td>10-22</td>
<td></td>
<td>Very hard, tight sand &amp; gravel</td>
</tr>
<tr>
<td>22-45</td>
<td></td>
<td>Very tight sand &amp; gravel</td>
</tr>
<tr>
<td>45+</td>
<td></td>
<td>Static water level</td>
</tr>
</tbody>
</table>

### Estimated Annual Withdrawal

<table>
<thead>
<tr>
<th>Size of Casing (Feet)</th>
<th>Size of Casing (Feet)</th>
<th>Size of Casing (Feet)</th>
<th>Size of Casing (Feet)</th>
<th>Size of Casing (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6'</td>
<td>6'</td>
<td>6'</td>
<td>6'</td>
<td>6'</td>
</tr>
</tbody>
</table>

### Additional Details

- Static water level: 23 ft
- Pumping water level: 25 ft
- Well developed for 2 hours
- Power: 1 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.

### Signatures

- Driller's Signature: [Signature]
- Driller's Address: [Address]
- LICENSE NO: 130

---

*Note: The form includes numerous details and specifications regarding the completion of the well, including the type of well, equipment used, water use, estimated annual withdrawal, and location and use of the well.*
State of Montana
County of Gallatin ss.
Filed  January 16, 1978
at  9:30 o'clock A.M.

Carl J. Stecky
County Clerk & Recorder

By  W. J. Waller
Deputy

Fee $2.00
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: RICHARD DAVY
Address: BOZEMAN MONTANA

Date well started: 12/12/72
Date well completed: 12/16/72

Type of well: Drilled
Equipment used: Cable tools
Water Use: Domestic 
Municipal 
Stock 
Irrigation 
Industrial 
Drainage 
Other

*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 Irrigated Area</th>
<th>Rate and Weight of Casing</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 60°F</td>
<td>17°F</td>
<td>0</td>
<td>66</td>
</tr>
</tbody>
</table>

PERFORATIONS

<table>
<thead>
<tr>
<th>Kind</th>
<th>Size</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>none</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 40 ft.
Pumping water level: 86 ft.
at 58.5 gallons per minute, measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by Surgeing
for 2 hours.
Power: Pump: 1 HP
Remarks: Gravel packing, cementing, packers, type of shutoff
Drill cuttings, shut off outside casing.

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

Driller's Signature: VAN DYKMAN DRILLING CO.
Driller's Address: BOZEMAN MONTANA
License No.: 671

Show exact depth of bottom

52.910
State of Montana
County of Gallatin
Filed April 13, 197?
at 6:00 o'clock A.M.
Carl L. Stack
County Clerk & Recorder
By Ole Haugen
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  Dranne A. Denton
Address  Rte. 3, Boseman

Date well started  May 14 1973
completed  May 17 1973

Type of well  Drilled
Equipment used  Cable tool
Water Use: Domestic  Yes  Municipal  No  Stock  No  Irrigation  Yes
Industrial  No  Drainage  No  Other  No  Garden/Lawn  No

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>Tube</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>6 5/8</td>
<td>0 to 19 lb</td>
<td>1 above</td>
<td>NONE</td>
</tr>
</tbody>
</table>

Static water level 23 feet
Pumping water level 23 feet at 20 gallons per minute, measured 30 minutes after pumping began.

Well developed by  Driller & Pump
Power  4HP
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  Harwell L. Hulland
Driller's Address  Route One, Boseman, Montana

Hulbert Drilling  LICENSE NO. 47

Show exact depth of bottom  52.356
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  

[Form text continues with details about completing a groundwater well, including dates and measurements, and a diagram indicating the location of the well.]

---

### Owner Information
- Name: [Redacted]
- Address: [Redacted]

### For Administrator's Use
- File No.: 3238
- Date: May 3, 1978

### Date Well Started and Completed
- Started: May 14, 1978
- Completed: May 17, 1978

### Type of Well
- Drilled

### Equipment Used
- Drill: [Redacted]

### Water Use
- Domestic [Redacted]
- Municipal [Redacted]
- Stock [Redacted]
- Irrigation [Redacted]
- Industrial [Redacted]
- Drainage [Redacted]
- Other [Redacted]
- Garden/Lawn [Redacted]

### Description
*Describe if used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).*

### Estimated Annual Withdrawal

<table>
<thead>
<tr>
<th>Size of Well</th>
<th>Number of Feet</th>
<th>Rating of Water</th>
<th>Perforation</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>65/8</td>
<td>98</td>
<td>1 above 421ft</td>
</tr>
</tbody>
</table>

**Static water level:** 25 ft

**Pumping water level:** 23 ft

*Measured from ground level.

Well developed by: [Redacted]

Power: [Redacted]

Pump: [Redacted]

Remarks: (Gravel packing, cementing, etc.)

---

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

Driller's Signature: [Redacted]

Driller's Address: Route One, Bozeman, Montana

Hulbert Drilling

H. L. Hulbert

LICENSE NO. 47

---

Show exact depth of bottom
State of Montana  
County of Gallatin  ss.

Filed May 30, 1973  
at 12:30 P.M.

County Clerk & Recorder  
By: Deputy  
Fee $2.50