No. 520
State of Montana
County of Gallatin
Filed: August 15, 1962
At 9:45 o'clock a.m.

Walton
COUNTY CLERK & RECORDER
By
Fee $2.00 Paid.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: ROY L. HUFFMAN

Address: BOX 507, MISSOULA, MONTANA

Date of Notice of appropriation of groundwater: June 1, 1969

Date well started: June 1, 1969

Date completed: June 6, 1969

Type of well: 

Equipment used: CABLES AND TOOLS

(Dug, driven, bored or drilled)

(Crane 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 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.

**Diagram with annotations:**
- Water levels and strata are indicated with various depths and thicknesses.
- Symbols and labels are used to denote specific strata and their characteristics.

**Table:**

<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>

<table>
<thead>
<tr>
<th>Kind of Casing</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 for non-flowing well | 145 feet |
| Shut-in Pressure for Flowing Well | none |
| Pumping Water Level | 175 feet |
| Discharge in gal. per min. of flowing well | none |
| How Tested | 

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

<table>
<thead>
<tr>
<th>Full length shutoff out of casing</th>
</tr>
</thead>
</table>

**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 Signature:**

The form is 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.
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Roy L. and Wanda Buffum  
of BrowDought Road, Rte 2  
Roseman  
(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:

1. The beneficial use on which the claim is based:  
   - household,  
   - garden, shrubs, lawn, and other grasses.

2. Date or approximate date of earliest beneficial use; and how continuous the use has been.  
   - Continuous since July 1949

3. The amount of groundwater claimed (in miner’s inches or gallons per minute):  
   - 15 gallons per minute

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.  
   - 2.14 acres, described as Tract 12 of Langrores  
   - suburb of Roseman

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.  
   - Pump from well located immediately south of residence.

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.  
   - Drilled during July of 1949

7. The depth of water table:  
   - 25 feet

8. 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, 15 feet deep with 6-inch casing

9. The estimated amount of groundwater withdrawn each year:  
   - 750,000 gallons

10. The log of formations encountered in the drilling of each well if available.  
    - Not available

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

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

1. Vincent B. Jones,Adams Co., of Billings, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: Aug. 1, 1942, continuous

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

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. Indicate point of appropriation and place of use, if possible: NE 1/4, Sec. 19, T.5S. R.5E, 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: Commenced July 30, 1962, completed Aug. 1, 1962

8. The depth of water table:

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

10. The estimated amount of groundwater withdrawn each year: Domestic use for 'Dwelling'

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

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

Signature of Owner

Date: 2/23/1963

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 Missouri
County of Gallatin

December 27, 1940

Earl Walton

By John J. Miller

2:00 P.M.

Fee $5.00

Payable to the

State of Missouri
County of Gallatin

Earl Walton

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

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

Shirlay Roy Johnson
1 of Et. 2

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.

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

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner: Shirlay Roy Johnson
Date: 12-30-03

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 12-20-1933  
at 11:30 a.m. 

J. Waldo 

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: Don W. Liebush
Address: Box 1410
Bozeman, Montana

Date well started: March 7, 1972
Date well completed: March 16, 1972

Type of well: Drilled
Equipment used: Chum Drill

Water Use: Domestic

*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 Field (Feet)</th>
<th>Size and Shape of Field (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>100</td>
<td>20 x 20</td>
<td>12</td>
<td>50</td>
<td>1</td>
</tr>
</tbody>
</table>

Static water level: 27 1/2 ft.
Pumping water level: 62 ft.*

*Measured from ground level.

Well developed by Driller for 24 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.

Driller's Signature: Don W. Liebush
Driller's Address: Box 1410

Bozeman, Montana
LICENSE NO. 17

59.261 Show exact depth of bottom

Top of Ground (Feet above sea level)

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>10 Clay</td>
</tr>
<tr>
<td>10</td>
<td>21 Clay</td>
</tr>
<tr>
<td>21</td>
<td>38 Gravel band in Clay</td>
</tr>
<tr>
<td>38</td>
<td>58 Clay</td>
</tr>
<tr>
<td>58</td>
<td>78 Clay</td>
</tr>
<tr>
<td>78</td>
<td>98 Clay</td>
</tr>
<tr>
<td>98</td>
<td>118 Gravel band in Clay</td>
</tr>
<tr>
<td>118</td>
<td>138 Clay</td>
</tr>
<tr>
<td>138</td>
<td>158 Clay</td>
</tr>
<tr>
<td>158</td>
<td>178 Clay</td>
</tr>
<tr>
<td>178</td>
<td>198 Clay</td>
</tr>
<tr>
<td>198</td>
<td>218 Clay</td>
</tr>
<tr>
<td>218</td>
<td>238 Clay</td>
</tr>
<tr>
<td>238</td>
<td>258 Clay</td>
</tr>
<tr>
<td>258</td>
<td>278 Clay</td>
</tr>
<tr>
<td>278</td>
<td>298 Clay</td>
</tr>
<tr>
<td>298</td>
<td>318 Clay</td>
</tr>
<tr>
<td>318</td>
<td>338 Clay</td>
</tr>
<tr>
<td>338</td>
<td>358 Clay</td>
</tr>
<tr>
<td>358</td>
<td>378 Clay</td>
</tr>
<tr>
<td>378</td>
<td>398 Clay</td>
</tr>
<tr>
<td>398</td>
<td>418 Clay</td>
</tr>
<tr>
<td>418</td>
<td>438 Clay</td>
</tr>
<tr>
<td>438</td>
<td>458 Clay</td>
</tr>
<tr>
<td>458</td>
<td>478 Clay</td>
</tr>
<tr>
<td>478</td>
<td>498 Clay</td>
</tr>
<tr>
<td>498</td>
<td>518 Clay</td>
</tr>
<tr>
<td>518</td>
<td>538 Clay</td>
</tr>
<tr>
<td>538</td>
<td>558 Clay</td>
</tr>
<tr>
<td>558</td>
<td>578 Clay</td>
</tr>
<tr>
<td>578</td>
<td>598 Clay</td>
</tr>
<tr>
<td>598</td>
<td>618 Clay</td>
</tr>
<tr>
<td>618</td>
<td>638 Clay</td>
</tr>
<tr>
<td>638</td>
<td>658 Clay</td>
</tr>
<tr>
<td>658</td>
<td>678 Clay</td>
</tr>
<tr>
<td>678</td>
<td>698 Clay</td>
</tr>
<tr>
<td>698</td>
<td>718 Clay</td>
</tr>
<tr>
<td>718</td>
<td>738 Clay</td>
</tr>
<tr>
<td>738</td>
<td>758 Clay</td>
</tr>
<tr>
<td>758</td>
<td>778 Clay</td>
</tr>
<tr>
<td>778</td>
<td>798 Clay</td>
</tr>
<tr>
<td>798</td>
<td>818 Clay</td>
</tr>
<tr>
<td>818</td>
<td>838 Clay</td>
</tr>
<tr>
<td>838</td>
<td>858 Clay</td>
</tr>
<tr>
<td>858</td>
<td>878 Clay</td>
</tr>
<tr>
<td>878</td>
<td>898 Clay</td>
</tr>
<tr>
<td>898</td>
<td>918 Clay</td>
</tr>
<tr>
<td>918</td>
<td>938 Clay</td>
</tr>
<tr>
<td>938</td>
<td>958 Clay</td>
</tr>
<tr>
<td>958</td>
<td>978 Clay</td>
</tr>
<tr>
<td>978</td>
<td>998 Clay</td>
</tr>
</tbody>
</table>

59.261 Show exact depth of bottom
State of Montana
County of Gallatin
Filed April 24, 1972
at 9:15 o'clock A.M.
Carl L. Stocky
County Clerk Recorder
By: Connel E. Young
Deputy
Fee $1.50
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Frank J. Pickett

(Name of Appropriate)

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: water for private residence, irrigation or lawn.

2. Date or approximate date of earliest beneficial use: November 1947.

3. Continuity of use: continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 60.

5. If used for irrigation, give the acres and description of the land to which water has been applied and name of the owner thereof: HTT sprinkler irrigation about 1 acre.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: October 1947 - November 1947.

8. The depth of water table: 65.

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, 4" in diameter.

10. The estimated amount of groundwater withdrawn each year: 12,6100 gallons.

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

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

Signature of Owner

Date

Three copies to be 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; Quadruplicate for the Appropriator.

3512
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: R. E. & Mary W. RENICK

Address: Route 3, Box 1
Bouman, Mont. 59715

Date well started: March 31, 1972
Completed: April 4, 1972

Type of well: Drilled

Equipment used: Chron Drilled

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

| Lin. | Net and Weight of casing (Feet) | From (Feet) | To (Feet) | PERFORATIONS | Power Pump HP | Remarks: (Gravel packing, cementing, packers, type of shutoff)
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>65 60</td>
<td>15 ft. above ground</td>
<td>900</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Static water level: 31 ft.*
Pumping water level: 91 ft.*
at 15_______gallons per minute, measured 60 minutes after pumping began.

*Measured from ground level.
Well developed by: ____________
for 1.0 hours.

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

Lot 42, Bolen's Subdiv.

Driller's Signature: Donald Cooper

Driller's Address: 2167, Bridger Dr.
Bozeman, Montana

LICENSE NO. 17

COUNTY: Gallatin 19
State of Montana
County of [Redacted]
Rice: Nov 10, 1973
at 10:00 a.m.

Car L. Smith

D. [Redacted]
Dec. 2 [Redacted]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

I. Mr. and Mrs. George B. Rowe of Bozeman
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: Residence and Lawn and Garden.

3. Date or approximate date of earliest beneficial use: and how continuous the use has been: Continuous since 1951.

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: Lawn: Approx. 200 x 200 Ft.; Garden: 50 x 50 Ft.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric Pump. Well located in Basement of dwelling.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Jan. 1, 1951.

8. The depth of water table: Well is 85 Ft. Deep; Water Table is 25 Ft. From Surface.

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: 6 in Casing, Well is 85 Ft. Deep.

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

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

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

Signature of Owner: __________________________ 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.
Filed December 27, 1963
at 3:35 a.m.

EARL WATSON
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: Carol Ann Sanford
Address: 20 Forestary Road

Driller: K.E. Jones
Date of Notice of Appropriation of Groundwater: October 3, 1963
Date well started: July 14, 1963
Date completed: Aug. 30, 1963
Type of well: Drilled
Equipment Used: Chisel Drill
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.

- Static Water Level for non-flowing wells...
- Shut-in Pressure for Flowing Wells...
- Pumping Water Level...
- 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.

Driller's License Number: 1
Driller's Signature: [Signature]

Code: STATE OF MONTANA

Notice of Completion of Groundwater Appropriation by Means of Well

(Adopted On State Groundwater Code)

STATE OF MONTANA

Notice of Completion of Groundwater Appropriation by Means of Well

(Adopted on State Groundwater Code)

STATE OF MONTANA

Notice of Completion of Groundwater Appropriation by Means of Well

(Adopted on State Groundwater Code)

STATE OF MONTANA
State of Montana  ss.
County of Gallatin  ss.

Filed: October 7, 1963
at 8:10 o'clock a.m.

Bill Johnson
COUNTY CLERK & RECORDER

By G. I. Morrow
DEPUTY

$ 2.00
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Alexander M. and
Owner: Dorothy A. Schmeil Address: Rt 2, Bozeman
Driller: Van Dyken Drilling Co Address: Bozeman

Date Started: Date Completed: 22 Nov 1947
Location: Sec. 19 T. 25 R. 6 E, 1/4 sec. N/E

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

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>75</td>
<td>Pipe</td>
<td>6 inch</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
<th>Neither</th>
<th>Open end</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>feet</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>40</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Pumping water level</th>
<th>feet at</th>
<th>gal. per min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td></td>
<td>15</td>
</tr>
</tbody>
</table>

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

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

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>15 Dirt</td>
</tr>
<tr>
<td>15</td>
<td>20 Gravel</td>
</tr>
<tr>
<td>20</td>
<td>75 Gravel and clay</td>
</tr>
</tbody>
</table>

Log of Well

State Engineer

January 11, 1937

County Clerk & Recorder

Filed

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: Paul A. Schofield, et al.  
Address: Route 3, Box 38  
Bozeman, Mont. 59715  

Date well started: Nov. 6, 1971  
Date well completed: Nov. 27, 1971  

Type of well: Dug  
Equipment used: Churn Drill  
Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]  
Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]  

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

ESTIMATED ANNUAL WITHDRAWAL  

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Location of Collected Water (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
<th>Kind</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lin. 7'-00</td>
<td>6'</td>
<td>40</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>Lin. 2'-00</td>
<td>2'-00</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Static water level 4 ft.  
Pumping water level 47 ft.  
at 50 gallons per minute, measured 40 minutes after pumping began.  
*Measured from ground level.  
Well developed by Drilling for 1 hours.  
Power: Pump: HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)  

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

Each small square represents 40 acres.  

Driller's Signature: Robert J. Jones  
Driller's Address: 2167 Bridger Dr.  

Bozeman, Montana  
LICENSE NO. 17  

Top of Ground  
(Elvs. above sea level)  

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.6</td>
<td>Top Soil + Clay</td>
</tr>
<tr>
<td>6.30</td>
<td>Gravel</td>
</tr>
<tr>
<td>2.6</td>
<td>Clay</td>
</tr>
<tr>
<td>3.1</td>
<td>Gravel on Clay</td>
</tr>
<tr>
<td>4.2</td>
<td>Gravel on Clay</td>
</tr>
<tr>
<td>4.1</td>
<td>Sand and gravel</td>
</tr>
<tr>
<td>4.25</td>
<td>Gravel</td>
</tr>
<tr>
<td>4.65</td>
<td>Sand and gravel</td>
</tr>
</tbody>
</table>

47.5 ft. Show exact depth of bottom  

County: Gallatin  

5.984
State of Montana
County of Gallatin
Filed Nov. 27, 1976
at 9:30 a.m.
Carl J. Stack
Clerk of Courts & Recorder
By: Deputy
Fee $200.00

# 3160
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

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

2. The beneficial use on which the claim is based: domestic water supply and storage, and for irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. October 1959 and has been used continuously since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 10 gallons per minute for well and 400 inches per square foot of storage pond.

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. 50 acres in Tract R, located in N.W. 1/4 of Section 19, T. 25 R. 66 E.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 1 ft. inside pump, well located adjacent to residence in Tract S, in N.W. 1/4 of Sec. 19, T. 25 R. 66 E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. January 1, 1960.

8. The depth of water table. 10 feet for storage pond. 16 feet for well.

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. 15 ft. casing. 17.5 feet deep in storage pond. 10 ft. deep, 10 ft. wide, 10 ft. long. 10 ft. deep adjacent to, but not part of, town through creek.

10. The estimated amount of groundwater withdrawn each year. 60,000 gallons.

11. The log of formations encountered in the drilling of each well if available. 20 ft. clay, red sand, gravel and large boulders.

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. 1 ft. through creek.

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.
12-26

12-86

State of Montana,
County of Gallatin

Due: 12-20, 1986
At 11:30 A.M.

Ernst Wallace

By

[Signature]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 257, Montana Session Laws, 1961)

1. John Doe [Name of Appropriator]
of [Town] [Address]

County of [County] 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, Farm Irrigation, or Stock Water.

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

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

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

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

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

8. The depth of water table: [Depth].

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

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

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

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

Signature of Owner: [Signature]
Date: [Date]

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Alvin R. Southard  Address: Rte. 2, Bozeman
Driller: Harold Kallid  Address: Box 41, Helena
Date of Notice of Appropriation of Groundwater: June 2, 1963
Date Well Started: June 2, 1963  Date Completed: June 4, 1963
Type of Well: Churn Drilled  Equipment Used: Churn

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 Cutting</th>
<th>Feet</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>6-1/2 x 0.50</td>
<td>0</td>
<td>50</td>
<td>none</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 10 feet.
Shut-in Pressure for Flowing Well: 50 feet.
Pumping Water Level: 14 feet at 1.4 gal. per minute.
Discharge in gal. per min. of flowing well: 2400 gal.
How Tested: Pencil
Length of Test: 2.1 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)

Driller's License Number

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.
County of Gallatin
March 19
Filed 4:10 o'clock A.M. 1905
Carl L. Stucky

[Signature]
COUNTY CLERK & RECORDER

By [Signature]
DEPUTY

2.00 Pd.
Fee $
Form No. 18
5-60

Montana Bureau of Mines and Geology
UNKNOWN Butte, Montana

Water well Log

Owner: Jack J. Stover Address: Route 2, Bozeman, Mont.
Driller: Unknown Address: Unknown
Date Started: 1944 Date Completed: 1944
Location: Sec. __._. T. __. R. ___ 1 sec. ___

Type of well: Drilled Equipment used: Drill
(Aug., driven, or drilled)

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

Casing: ___ ft. to ___ ft. Type: Steel Size: 6 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:

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: __ pumped

Length of test: ___ two hours

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

(over)
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</th>
<th>Elev. above sea level</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 10</td>
<td>Top Soil or Clay</td>
</tr>
<tr>
<td>10 35</td>
<td>Sand, Gravel or Clay</td>
</tr>
<tr>
<td>35 65</td>
<td>Clay or Fine Gravel</td>
</tr>
<tr>
<td>65 85</td>
<td>Sand, Fine Gravel</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: LeRoy D. Swisher
Address: 109 N. 9th Ave
Bossem, MT 59718
Date well started: Feb 14, 1972
Date well completed: Feb 18, 1972
Type of well: Drilled
Equipment used: Churn Drill
Water Use: Domestic, Municipal, Stock, Irrigation

ESTIMATED ANNUAL WITHDRAWAL

| Size of Drilled Hole | % of Casing | From (Feet) | To (Feet) | PERFORATIONS
|----------------------|-------------|-------------|-----------|----------------
| 17 in.               | 60%         | 64 ft.      | 68 ft.    |                |

Static water level: 1 ft.
Pumping water level: 48 ft.

Power: Pump, HP
Remarks: Gravel packing, cementing, packers, type of shutoff

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

Lot 8 Blk 1
Subdiv. 36 of Sour Dough Creek Properties

Driller's Signature: Donald D. Swisher
Driller's Address: 109 N. 9th Ave, Bozeman, Montana

LICENSE NO. 17

Show exact depth of bottom: 65 ft.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. VALLEY VIEW GOLF CLUB of Roseau, 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 irrigation, domestic and recreation.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 30, 1959, continually.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute) 675 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.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by pumping from lake developed in Section 19, Township 2 South of Range 6 East, Valley View.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 30, 1959 -- July 30, 1959.

   8. The depth of water table from less than 1 foot to over 12 feet being the first 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 Excavation made into the water table approximately 300 feet long, 150 feet wide, and 3 to 12 feet deep. Pumped by portable system using 413 gallons per minute and by permanent pumping unit using 220 gallons per minute.

   10. The estimated amount of groundwater withdrawn each year 200 to 400 acre-feet per season's use as 200 days.

   11. The log of formations encountered in the drilling of each well if available 1% - 3 feet of soil over gravel which contains groundwater.

   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 Valley View Golf Club.

   By: Signature of Owner
   Secretary
   Date January 12, 1959

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 or the form will be returned.

Original to the County Clerk and Recorder: duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

**Valley View Golf Club, Incorporated**

**By:** Donald A. Nash, its attorney of Lebanon

**Bozeman**

**State of Montana**

Administrative of Groundwater Code

Office of State Engineer

<table>
<thead>
<tr>
<th>County of</th>
<th>Gallatin</th>
</tr>
</thead>
<tbody>
<tr>
<td>State of</td>
<td>Montana</td>
</tr>
</tbody>
</table>

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

1. A - a well - 45' deep
2. B - Springs of developed water and pond
3. The beneficial use on which the claim is based: domestic and irrigation use and recreational use
4. Date or approximate date of earliest beneficial use: Well drilled about 5 years ago (1957), Springs appurtenant & used & developed since. Patent to land issued.
5. The amount of groundwater claimed (in miner's inches or gallons per minute), Well - 20 gallons per minute, Springs run approx. 75' miner's measurement
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric motor & pump; and spray and surface and sub-irrigation
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Springs have been appurtenant to land since patent thereof and well and pond developed in about 1957.
8. The depth of water table: 3 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: 6 inch casing, 2 inch galvanized and transit pipe
10. The estimated amount of groundwater withdrawn each year: Springs 75' miner's measurement
11. The log of formations encountered in the drilling of each well if available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

---

Valley View Golf Club, Incorporated

Signature of Owner: By Donald A. Nash, its attorney

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

Owner: Pearl Vollmer
Address: Beeman

Driller: M. E. Jones
Address: Beeman

Date of Notice of Appropriation of Groundwater: 1962

Date Well Started: 1/13/1962
Date Completed: 1/15/1962

Type of Well: Churn Drill

Equipment Used:

- Drilling (casing, 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>Stratum</th>
<th>Depth (feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gravel/Sand</td>
<td>10-65</td>
</tr>
<tr>
<td>Clay</td>
<td>66-70</td>
</tr>
<tr>
<td>Sandy Clay</td>
<td>71-75</td>
</tr>
<tr>
<td>Sandstone</td>
<td>76-80</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 3 feet

Shut-In Pressure for Flowing Well:

- Pumping Water Level: 65 feet at 20 gpm, per minute
- Discharge in gpm, per minute, of flowing well

How Tested: Pressure, 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.

Remarks:

- Driller's License Number: [SIGNED]
- Driller's Signature: [SIGNED]

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; quadruplicate for the Appropriator.
State of Montana

Filed

County of Butte

By

Count Clerk & Recorder

1982

Fee $ 2.00

6 o'clock A.M.

of butte (A.M.)
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana  

Water well Log  

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location: Sec.</th>
<th>T.</th>
<th>R.</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(Aug, driven, or drilled)</td>
<td></td>
</tr>
</tbody>
</table>

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

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

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

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

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

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

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

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

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

<table>
<thead>
<tr>
<th>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></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 (Department of Lands & Investments)

Address       Missoula, Montana

Date well started June 16, 1971
completed June 22, 1971

Type of well drilled (Drill, drive, bored or drilled)

Equipment used (Chain 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, 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</th>
<th>To</th>
<th>Kind of Liner</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>10.6 ft.</td>
<td>135'</td>
<td>11'4&quot;</td>
<td>Perforated Liner</td>
</tr>
</tbody>
</table>

Static water level: 125 ft.
Pumping water level: 120 ft.

Power Pump: 2 HP

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

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

Driller's Signature

Driller's Address

License No. 120
State of Montana
County of Clinton

Filed June 30, 1971
at 9:30 a.m.

Carl I. Stucky
County Clerk & Recorder

By Lynelle A. Bridge
Deputy

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

(Under Chapter 237, Montana Session Laws, 1961)

**Owner: Paul K. Dudley**

**Address:** Bosler, Montana

**Driller:** Donald Jones

**Address:** 103 Bridge Drive, Big Timber, Montana

**State of Notice of Appropriation of Groundwater:** Oct. 26, 1963

**Date well started:** Feb 15, 1964

**Date completed:** Mar 6, 1964

**Type of well:** Drilled

**Equipment Used:** Churn Drill (drill, driven, bored or drilled)

**Water Use:** Municipal

**Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, silt, 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 Cement</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 x 8</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well:** 90 feet

**Shut-in Pressure for Flowing Well:** Not applicable

**Pumping Water Level:** 170 feet at 70 gal. per minute

**Discharge in gal. per min. of flowing well:** Not applicable

**How Tested:** Pumping Test

**Length of Test:** 1 hour

**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)

**Show exact depth of bottom.**

---

**Driller's License Number**

Donald Jones

**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 GALATIN

SS.

CRAZIER 10 1961

Filed

1100 a.m.

at 11:00 o'clock A.M.

COUNTY CLERK & RECORDER

By

DEPUTY

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

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

J. W. LILLARD
of Box 713
Bozeman

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 and stock water

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1880; continuous thereafter.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 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: Springs with shallow well to collect water. Withdrawal by well for domestic use and gravity flow for stock water.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1880.

8. The depth of water table: surface.

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: 4 feet square; 14 feet deep.

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

11. The log of formations encountered in the drilling of each well if available: dirt down to hardpan.

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: [Signature]
Date: December 21, 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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Alice E. C. Bennett, of Route 1, Box 217, Big Timber
   (Name of Appropriator)  (Address)
   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 for the following purpose(s):

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

   4. The amount of groundwater claimed, (in miner's inches or gallons per minute) 35 gal. for irrigation for each well

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

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

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

   8. The depth of water table:

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

   10. The estimated amount of groundwater withdrawn each year:

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

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

   Signature of Owner:
   Date:

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

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

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

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

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

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

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

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner:

Date:

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  ss.
County of Gallatin ss.

Filed: Dec 26, 1965
at __:__ _ o'clock __.M.

(Date)

Deputy

County Clerk & Recorder

Fee $______
**Water well log**

**Owner:** [Name]
**Address:** [Address]
**Driller:** [Name]
**Address:** [Address]
**Date Started:** [Date]
**Date Completed:** [Date]
**Location:** Sec. [Section], T. [Township], R. [Range], E. [Eveation]

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled (Aug, driven, or drilled)</th>
<th>Equipment used (Drill, gun, drill, rotary, other)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use:</td>
<td>Domestic [X]</td>
<td>Municipal [ ] Stock [X] Irrigation [ ]</td>
</tr>
<tr>
<td></td>
<td>Industrial [ ]</td>
<td>Drainage [ ] Other [ ]</td>
</tr>
<tr>
<td>Casing:</td>
<td>70 ft. to ft. Type Size</td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to ft. Type Size</td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to ft. Type Size</td>
<td></td>
</tr>
<tr>
<td>Perforated or screened: ft. to ft.</td>
<td>Ft. to ft.</td>
<td></td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static water level, for non-flowing well:</td>
<td>Feet.</td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq. in. on:</td>
<td></td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>feet at gal. per min.</td>
<td></td>
</tr>
<tr>
<td>How tested</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(over)
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)

Owner: Chester Jensen
Address: Bozeman, Mont.
Driller: Van Dyken Drilling Co
Address: Bozeman, Mont.

Date of Notice of appropriation of groundwater: Aug 20, 1968
Date well started: Aug 20, 1968
Date completed: Aug 22, 1968

Type of well: Drilled
Equipment used: Cable tools

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

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

<table>
<thead>
<tr>
<th>Depth (Feet)</th>
<th>Kind of Strata</th>
</tr>
</thead>
<tbody>
<tr>
<td>6'</td>
<td>6 5/8&quot;</td>
</tr>
<tr>
<td>0'</td>
<td>O.D. 17½ per ft.</td>
</tr>
</tbody>
</table>

T.D. 78'6"

Static Water Level for non-flowing well: 43' feet
Shut-in Pressure for Flowing Well: none
Pumping Water Level: 63' feet
Discharge in gal. per min. of flowing well: none

How Tested: Boiler
Length of Test: 1 hr.
Remarks: (Gravel packing, cementing, packers, type of shutoff) Puddled clays
Shutoff outside of casing from 0' to 77'

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

Show exact depth of bottom.

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

Bert Van Dyken
State of Montana  
County of Gallatin  
Filed February 19, 1969  
at 4:15 o'clock A.M.  
Carl L. Stucky  
County Clerk & Recorder  
By Cleta M. Mackey  
Secretary  
Exh. 4.  
Seq. No.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: Arthur Koch
Address: Route 22, Bozeman, Montana
Date well started: Dec. 23, 1972
completed: Jan. 9, 1972

Type of well: Drilled
Equipment used: Cable tool
Water Use: Domestic 0 Municipal 0 Stock 0 Irrigation 0 Industrial 0 Drainage 0 Other 0 Garden/Lawn

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</th>
<th>Size and</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot; x 17&quot;</td>
<td>+8'</td>
<td>37' 2&quot;</td>
<td></td>
</tr>
</tbody>
</table>

PERFORATIONS

- Static water level: 2 ft.
- Pumping water level: 17 ft.
- at 20 gallons per minute.
- measured minutes after pumping began.

- Measured from ground level.
- Well developed for 2 hours.
- Power: Pump: HP
- Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

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

Route 1, Bozeman, Montana
LICENSE NO. 150

Show exact depth of bottom: 49.262
State of Montana

County of Gallatin

Filed 4/17/1972
at 9:15 o'clock A.M.

By: Della M. Morgan

Fee $200.00
Form No. 18
S-60

Montana Bureau of Mines and Geology
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Number</th>
<th>County</th>
<th>Township</th>
<th>Range</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>T. 21</td>
<td>R. 6 E</td>
<td>Sec. 22</td>
</tr>
</tbody>
</table>

Owner: Koch, Arthur L.  
Address: Rural Route 14, Bozeman, Montana

Driller: Burrell & Toalson  
Address: Logan, Montana

Date Started: 10-9-1955  
Date Completed: 10-10-1955

Type of well: drilled

Equipment used: drill

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

Casing: 34 ft. to 18 ft. Type steel  
Size 6"

Casing:  
Type  
Size

Perforated or Screened:  
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 h.p.

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>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>9</td>
<td>9</td>
<td>old well</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>12</td>
<td>started drilling</td>
</tr>
<tr>
<td>12</td>
<td>12</td>
<td>21</td>
<td>black dirt</td>
</tr>
<tr>
<td>21</td>
<td>23</td>
<td></td>
<td>first water</td>
</tr>
<tr>
<td>23</td>
<td>25</td>
<td></td>
<td>clay and sand</td>
</tr>
<tr>
<td></td>
<td></td>
<td>23</td>
<td>hand pan</td>
</tr>
<tr>
<td></td>
<td></td>
<td>25</td>
<td>water, sand</td>
</tr>
</tbody>
</table>
Form No. 15
S-60

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Koch, Arthur L. 60-2
Address: Rural Route 4, Bozeman, Montana
Driller: Burrell & Tomlinson
Address: Logan, Montana
Date Started: 10-11-1955
Date Completed: 10-12-1955
Location: Sec. 32 T. 25 R. 6 E 1/2 sec. 5 E

Type of well: drilled
Equipment used: drill

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

Casing: 0 ft. to 25 ft. Type: steel Size: 6"
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 rest _______

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

(over)