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, 1951)

Date of Notice of Appropriation of Groundwater: None
Date started: Dec. 7/62 Date completed: Dec. 10/62

Type of Well: Drilled Equipment Used: Cable tools

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

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

Static Water Level for non-flowing Well: 32' feet.
Shut-in Pressure for Flowing Well: None
Pumping Water Level: 62' feet at 12 gal. per minute.
Discharge in gal. per min. of flowing well: None

How Tested: Bailer Length of Test: 1 hr.
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)

License No. 1
Driller's License Number

Driller's Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
State of Montana
County of Gallatin
Filed May 31, 1967
at 2:30 P.M.

By

Fee $20.00
Form No. 18

**Montana Bureau of Mines and Geology**

Butte, Montana

**Water Well Log**

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>521 4th Ave.</td>
</tr>
</tbody>
</table>

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

**Date Started:** 1941  **Date Completed:** 1941

**Location:** Sec. 7, T. 2S, R. 5E 1/4 sec. 8E4

**Type of well:**
- **Equipment used:**
  - Churn, drill, rotary, other...

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

**Casing:**
- 5 ft. to ___ ft.  Type: ___  Size: ___
- ___ ft. to ___ ft.  Type: ___  Size: ___
- ___ ft. to ___ ft.  Type: ___  Size: ___

**Perforated or screened:**
- Ft. ___ to Ft. ___ ...
- Ft. ___ to Ft. ___ ...

**Type of screen or perforations:**

**Static water level, for non-flowing well:** ___ 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)
<table>
<thead>
<tr>
<th>Date</th>
<th>Time</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dec 10, 1961</td>
<td>11:32 A.M.</td>
<td>Filmed and signed by Earl Wallin</td>
</tr>
<tr>
<td>Feb 2, 1961</td>
<td>1:00 P.M.</td>
<td>Signed by Deputy</td>
</tr>
</tbody>
</table>

Galatia County, State of Montana

Earl Wallin
COUNTY CLERK-RECEIVER

Frank H. Thompkins
DEPUTY
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: A. L. Johnson
Address: 551 Willow Street

Driller: Harold Nelson
Address: 615 Pennsylvania Street

Date of Notice of Appropriation of Groundwater: Aug 8 1963
Date well started: Aug 8 1963
Date Completed: Aug 12 1963

Type of well: Drilled
Equipment Used: Drash
(dug, driven, bored or drilled)

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

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

<table>
<thead>
<tr>
<th>Strata</th>
<th>Depth (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-19 Clay &amp; Soil</td>
<td>12.89</td>
</tr>
<tr>
<td>19-21 Clay &amp; Soil</td>
<td></td>
</tr>
<tr>
<td>21-25 Clay &amp; Rock</td>
<td></td>
</tr>
<tr>
<td>25-30 Clay &amp; Rock</td>
<td></td>
</tr>
<tr>
<td>30-35 Gravel</td>
<td></td>
</tr>
<tr>
<td>35-40 Clay &amp; Rock</td>
<td></td>
</tr>
<tr>
<td>40-47 Gravel</td>
<td></td>
</tr>
<tr>
<td>47-57 Clay &amp; Rock</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for Non-Flowing Well: 37 feet.
Shut-in Pressure for Flowing Well: _____________
Pumping Water Level: 39 feet at 28 gal. per minute.
Discharge in gal. per min. of flowing well: _____________
How Tested: _____________
Length of Test: 2 hr.

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

______________

Driller’s License Number

Driller’s Signature

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

Please answer all questions. If not applicable, 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: August 26, 1963

at 1:00 o'clock M.

Said Wallace
COUNTY CLERK & RECORDER

By J. J. Morriss
DEPUTY

Fee $2.00 Pd.
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Montana Agricultural Experiment Station</th>
<th>of Montana State College</th>
<th>Bozeman</th>
</tr>
</thead>
<tbody>
<tr>
<td>County of Gallatin</td>
<td>State of Montana</td>
<td></td>
</tr>
</tbody>
</table>

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

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
<td>E</td>
<td>N</td>
<td>S</td>
</tr>
</tbody>
</table>

1. **State of Montana, ADMINISTRATOR OF GROUNDWATER CODE**, OFFICE OF STATE ENGINEER

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

   **Household, shop and lawn**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been before 1960. Used continuously for purposes shown above.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Normal amount needed for domestic use.

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 For irrigation of lawn only.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. By electric powered pump (see map for location of well).

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

8. The depth of water table. **Not known**

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. Apparently a drilled well with 5" casing - depth not known.

10. The estimated amount of groundwater withdrawn each year. **Not known** (Probably 20 to 25,000 gal)

11. The log of formations encountered in the drilling of each well if available. **Not known**

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**

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

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

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

Filed 8-16-16, 1963
at 2 p.m.

W. L. Wallace
COUNTY CLERK & RECORDER

By
DEPUTY

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 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: Estella Timm

Address: Route 61

Date well started: 6-30-72

Date completed: 6-30-72

Type of well: Drilled

Equipment used: Cable Tool

Water Use: Domestic

"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).

USE:

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

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

Driller's Signature: 

Driller's Address: 

License No.:

--- Table ---

<table>
<thead>
<tr>
<th>Top of Ground (Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From (Feet)</td>
</tr>
<tr>
<td>-------------</td>
</tr>
<tr>
<td>1</td>
</tr>
<tr>
<td>17</td>
</tr>
<tr>
<td>24</td>
</tr>
<tr>
<td>30</td>
</tr>
</tbody>
</table>

--- Table ---

<table>
<thead>
<tr>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Khd Size</td>
</tr>
<tr>
<td>----------</td>
</tr>
</tbody>
</table>

--- Table ---

<table>
<thead>
<tr>
<th>Static water level</th>
<th>36 ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pumping water level</td>
<td>36 ft.</td>
</tr>
<tr>
<td>at 30 gallons per minute</td>
<td></td>
</tr>
<tr>
<td>measured minutes after pumping began.</td>
<td></td>
</tr>
</tbody>
</table>

"Measured from ground level."

Well developed by __________ for ________ hours.

Power: Pump __________ HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Norton Ranch, Inc.</th>
<th>Route 1, Ronan, Montana</th>
</tr>
</thead>
</table>

1. **Declaration of Vested Groundwater Rights**

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   - 1 - 1885
   - 2 - 1935

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
   - 1 - 50 gal per minute
   - 2 - 100 miner's inches

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

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.
   - 1 - 1885
   - 2 - 1935

8. The depth of water table.
   - 1 - 20 ft.
   - 2 - 6 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.
   - Dig well 20 ft. deep.
   - Borehole 20 ft.

10. The estimated amount of groundwater withdrawn each year.
    - 1 - 300,000 gal.
    - 2 - 100 miner's inches

11. The log of formations encountered in the drilling of each well if available.
    - 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: John E. Norton, Pres.
   Date: Nov. 12, 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 on April 28, 1963
at 1:12 o'clock P.M.

CITY
COUNTY CLERK & RECORDER
By: DEPUTY

Fees 2 of
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Date of Appropriation of Groundwater: Dec. 30, 1963
Owner: John Smith
Address: 123 Main St., Helena, MT
Contractor (if any): Peter Jones
Address of Contractor: 456 Maple Ave., Butte, MT
Date Started: 1-1-1955; Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable and describe means "as by sub-irrigation and other natural processes". Include depth to water when applicable. For example:

Two springs, 0.5 miles southeast of the works, provide continuous water flow during the year. Spring water table = 15 inches below the surface.

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. For example:

Continuous use from January 1, 1955, to December 31, 1955. Approximately 3 inches deep of water used during the year. Water held in reservoir continuously, not used again.

Signature of Owner: John Smith
Date: Dec. 30, 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)

(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)  
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, so far as it can be determined, from the time of establishment.  
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.  

<table>
<thead>
<tr>
<th>N</th>
<th>E</th>
<th>S</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: S. R. Miller
Address

Driller: J. M. Jones
Address

Date Started: April 7, 1956
Date Completed: July 1, 1956

Location: Sec. 7 T. 2 R. 5 E., Gallatin County

Type of well: Drilled
Equipment used: Cable tools

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

Industrial [ ] Drainage [ ] Other [ ]

Casing: 0 ft. to 27 ft. Type/Size: 6 x 0.17 P.E
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: 18 feet at 36 gal. per min.

How tested: 

Length of test: 1 hr.

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>1</td>
<td></td>
<td>1/2 mile</td>
</tr>
<tr>
<td>1</td>
<td>27</td>
<td></td>
<td>sand, gravel, shale, (continued)</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Morton Ranch, Inc., of Route 1, Bozeman, (Name of Appropriator)
   (Address) (Town)
   County: Gallatin State of Montana (Place of Appropriation)

   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. 1885-continuous

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1885-wells No. 1 and No.

8. The depth of water table. 1-20 feet, 2-50 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. 1-Drill well, 20 ft. deep. 2-Drilled well, 50 ft. deep.

10. The estimated amount of groundwater withdrawn each year. 1-5000 gal, 2-200,000 gal.

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


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
County of Gallatin

Filed: November 15, 1965
at 11:22 o'clock M.

By: [Signature]
County Clerk & Recorder

Fee $2.00
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>J. D. Ferguson</td>
<td>Bozeman</td>
</tr>
<tr>
<td>Driller</td>
<td>Address</td>
</tr>
<tr>
<td>Larry Van Dyke</td>
<td>Butte, Montana</td>
</tr>
</tbody>
</table>

**Date Started:** March 20, 1966  **Date Completed:** March 29, 1966

**Location:** Sec. 14, T. 2, R. 6 E, M. sec. 14

**Type of well:** Irrigation

**Equipment used:** Churn drill

**Water Use:** Domestic [x]

**Casing:** 0 ft to 55 ft  **Type:** Iron  **Size:** 6 in.

**Perforated or Screened:** Ft. 2320 to Ft. 2329

**Static Water level, for non-flowing well:** 42 ft

**Shut-in pressure, for flowing well:** 4 lb. sq. in. on (date)

**Pumping water level:** 45 ft @ feet at 7:40 gal. per min

**How tested:** Pumipng

**Length of test:** 4 hrs

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

(over)
**Log of Well**

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>35 ft. brown with layers of rock and clay</td>
</tr>
<tr>
<td></td>
<td>at 57 ft. black sand and then backed up 0 ft.</td>
</tr>
</tbody>
</table>

*Signature:* [Signature]

*Date:* 13 February 1941

*Time:* 1:17
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: E. D. Ferguson
Address: Bozeman, Montana

Driller: Van Dyken Drilling Company
Address: Bozeman, Montana

Date Started: 6/4/58
Date Completed: 9/6/58

Location: Sec. 10 T 2S R 57 1/4 sec. 3R

Type of well: Drilled
Equipment used: churn

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

Industrial [] Drainage [] Other []

Casing: 0 ft. to 55 ft. Type: Steel Size: 6 in.

Casing: ft. to ft. Type: Size:

Casing: ft. to ft. Type: Size:

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

Type of screen or perforations:

Static Water level, for non-flowing well: Six feet.

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

Pumping water level: 25! feet at 56 gal. per min.

How tested: Failed

Length of test: 1 hr.

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 3'</td>
<td>Clay &amp; rock</td>
</tr>
<tr>
<td>3' - 90'</td>
<td>Travel with water</td>
</tr>
<tr>
<td>90' - 54'</td>
<td>Rock Clay, very little water</td>
</tr>
<tr>
<td>54' - 55'</td>
<td>Travel with strong flow setup</td>
</tr>
</tbody>
</table>

Log of Well

December 8, 1938

Earl Nation, M. A.

Clerk of the Court

[Signature]
MONTANA BUREAU OF MINES AND GEOLOGY
Bozeman, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>D. DePuy</td>
</tr>
<tr>
<td>Address</td>
<td>Bozeman</td>
</tr>
<tr>
<td>Driller</td>
<td>Gallatin Well and Pump Co.</td>
</tr>
<tr>
<td>Address</td>
<td>Bozeman</td>
</tr>
<tr>
<td>Date Started</td>
<td>2/8/1951</td>
</tr>
<tr>
<td>Date Completed</td>
<td>2/12/1951</td>
</tr>
<tr>
<td>Location</td>
<td>T 25 R 5E, 1/4 sec. R.5 E.</td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Churn</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic, Stock</td>
</tr>
<tr>
<td></td>
<td>Stock</td>
</tr>
<tr>
<td></td>
<td>Irrigation</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td>0 ft. to 25 ft.</td>
</tr>
<tr>
<td>Type</td>
<td>Iron</td>
</tr>
<tr>
<td>Size</td>
<td>6 in.</td>
</tr>
<tr>
<td>Casing:</td>
<td>Ft. to Ft.</td>
</tr>
<tr>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>Casing:</td>
<td>Ft. to Ft.</td>
</tr>
<tr>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td>None</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>50 ft.</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>17 lb. sq. in. on:</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>17 at 3000 gal. per min.</td>
</tr>
<tr>
<td>How tested</td>
<td>Pumping</td>
</tr>
<tr>
<td>Length of test</td>
<td>100 hour</td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
</tr>
<tr>
<td>Depth, feet</td>
<td>Description of Material Drilled</td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------</td>
</tr>
<tr>
<td>0</td>
<td>25 ft. Gravel</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1963)

Owner: James C. Range
Address: Box 228

Driller: M.E. Jones
Address: Box 228

Date of Notice of Appropriation of Groundwater: Aug 23, 1963
Date well started: Aug 23, 1963
Date completed: Aug 23, 1963

Type of well: Drilled
Equipment used: Churn Drilled

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Drilling Tool</th>
<th>Depth to Water (Feet)</th>
<th>Elevation (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6' 11'</td>
<td>6'4 000 15</td>
<td>15 1/2</td>
<td>695</td>
<td>15 1/2</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 15 1/2 feet.

Shut-in Pressure for Flowing Well: 5 1/2 feet at 34 gal. per minute.

Pumping Water Level: 5 1/2 feet at 34 gal. per minute.

Discharge in gal. per min. of flowing well: 0 gal. per minute.

How Tested: Pump
Length of Test: 14 1/4 hours

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:

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology; and quadruplicate for the Appropriator.
JAMES C. RAY dba
SBAISH CREEK RANCHES

State of Montana | 56
County of Gallatin | 25

Filed September 25, 1963
at 9:20 o'clock MA

EARL WALTON
COUNTY CLERK & RECORDER

By: STEPHEN T. MOWREY
DEPUTY

Fee $2.00 Pa.
**STATE OF MONTANA**  
**ADMINISTRATOR OF GROUNDWATER CODE**  
**OFFICE OF STATE ENGINEER**

**Notice of Completion of Groundwater Appropriation Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: **November 1, 1961**  
James C. & Jean L.  
Owner: Ray & Spanish  
Address: 110 E. Main Street  
Bosman, Montana  
Contractor (if any): None  
Address of Contractor: None

Date Started: **Not Applicable**  
Date Completed: **Not Applicable**

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

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.  
**Estimate of 10 miner's inches per minute; continuous use for stock water**

Signature of Owner: **James C. Ray**  
Date: **December 26, 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.
COUNTY OF CALIFORNIA

Filed 12-30-1953
By

Earl Walton
COUNTY CLERK & RECORDER

Fee $[illegible]
James C. and Joan L. Ray d/b/a Spanish Creek Ranches, 110 East Main Street, 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, 1952, as follows:

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

2. The beneficial use on which the claim is based: household drinking water and stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: February 8, 1955

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Not applicable

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: February 9, 1955

8. The depth of water table: 34 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: 50 feet deep, 6-inch casing

10. The estimated amount of groundwater withdrawn each year: 2,000,000 gals. per year

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

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

Signature of Owner: James C. Ray
Date: December 26, 1963

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

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

Original to the County Clerk and Recorder: Duplicate to the State Engineer: Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: November 1, 1961
James C. & Joan L.
Owner: Ray Cha Spanish
Address: 110 East Main Street
Creek Ranches
Bozeman, Montana
Contractor (if any): None
Address of Contractor: None

Date Started: N.A. Date Completed: N.A.

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

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 estimate of

10 miners' inches per minute; continuous use for stock water

Signature of Owner: James C. Spanish
Date: December 26, 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.
1340

Date of mailing: 3-30
County of Castile: 1953

2:02 o'clock
Earl Walton
COUNTY CLERK & SHERIFF

By: Deputy

RECEIVED
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1967)

Edward W. and Stella E. Anacker
(Name of Appropriator) (Town)
State of Montana
County of Gallatin

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 (drinking, washing, etc.), lawn, garden, orchard.

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: Summer 1953. Use has been continuous.

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

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Water withdrawn with a deep well jet pump located on acre.

6. The date of commencement and completion of the construction of the well, walls, or other works for withdrawal of groundwater: Summer of 1953.

7. The depth of water table: Approximately 12 feet from surface.

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: Well approximately 12 feet in depth with 6" steel casing.

9. The estimated amount of groundwater withdrawn each year: 200,000.

10. The log of formations encountered in the drilling of each well if available: Approximately first 10'-top soil, Approximately next 5'-clay, Approximately next 36'-gravel.

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 available.

Signature of Owner: Edward W. Anacker
Date: December 30, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Roy E. Berg
   (Name of Appropriator)

   3016 West Babcock
   Bozeman
   (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 and irrigation use (residence, garden, lawn, and small pasture)

   3. Date or approximate date of earliest beneficial use, and how continuous the use has been: September 1956 - daily since that date.

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

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Approximately one acre in FORMERLY Sec. 11, T. 28 S., R. 59, (east half of the east half of the northeast quarter of the southwest quarter)
   Owner: Roy E. Berg

   The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: By electric pump from drilled well located in the north end of the FORMERLY Sec. 11, T. 28 S., R. 59.

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

   6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: September 1956.

   8. The depth of water table: Thirteen (13) 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: Drilled well, 6-inch casing, 57 feet deep.

   10. The estimated amount of groundwater withdrawn each year: 125,000 gallons.

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

   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: Mortgage to Pioneer Building & Loan Association of Bozeman, Montana, by Roy E. Berg and Ruth I. Berg, dated July 22, 1956, filed for record July 23, 1956, and recorded in Book 76 of mortgages, page 649, records of the office of County Clerk & Recorder of Gallatin County, Montana.

   Signature of Owner:

   Date: December 30, 1963

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.
1290

EDWARD BLACKWELL
County of Cumber

Filed 12-20, 1923
at 12:35

Carl Walton

By

Fee $...
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, 1982
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: Howard Barrick
Address: Route #1, Bozeman, Mont.

Driller: Fultz Drilling and Dev.
Address: Route #1, Bozeman, Mont.

Date of Notice of appropriation of groundwater: 8/1/69
Date completed: 8/2/69

Type of well drilled: Cable tool
(Dug, driven, bored or drilled)

Equipment used: (Churn drill, rotary or other)

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

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

<table>
<thead>
<tr>
<th>Depth of Drilling</th>
<th>Size and Weight of Casing</th>
<th>Time (Hrs)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6'</td>
<td>6' 1.0</td>
<td>4</td>
<td>44</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 15 feet.
Shut-in Pressure for Flowing Well:
Pumping Water Level: 20 feet
at 15 gal. per minute.
Discharge in gal. per min. of flowing well:

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

Lot 4, Blk 1, Farwestern Subdiv.

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature
State of Montana
County of Gallatin
Filed: Sept. 23, 1969
at 4:00 o'clock P.M.

Carl L. Stehly
County Clerk & Recorder
By: Betty Rose Griggs
Deputy
For: 200 P.M.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Graham L. Bleiler  Address: 409  No. Western Dr.
Driller: M.E. Jones  Address: 823 27th,  Billings

Date of Notice of Appropriation of Groundwater: Dec. 1, 1963
Date Well Started: Dec. 2, 1963  Date Completed: Dec. 4, 1963

Type of well: Drilled  Equipment Used: Chain, Drill
(dug, driven, bored or drilled)

Water Use: Domestic  Municipal  Other  Irrigation
Industrial  Drainage  Stock

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

Static Water Level for non-flowing Well: 18 feet
Shut-in Pressure for Flowing Well:
Pumping Water Level: 42 feet at 4640 gal. per minute.
Discharge in gal. per min. of flowing well:
How Tested: Water Level of Test: 1/4 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)

Driller's License Number
Driller's Signature

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

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

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

Filed  
August 11  
1984  
at 3:35 p.m.

EAMIL WALTON  
DEPUTY CLERK  

Fee $2.00 paid.

#1863
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Margaret J. Blesing
Address: 3066 West Bobrock

Driller: M.E. Jones
Address: 

Date of Notice of Appropriation of Groundwater: 

Date well started: Date Completed: 11/11/63

Type of well: Drilled (dog, driven, bored or drilled) Equipment Used: Churn (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.

**Diagram:***

- Top of Ground
  - 2
  - 4
  - 6
  - 8
  - 10
  - 12
  - 14
  - 16
  - 18
  - 20
  - 22
  - 24
  - 26
  - 28
  - 30
  - 32
  - 34
  - 36
  - 38
  - 40
- Gravel
- Clay + Gravel
- Fine Gravel
- Gravel + Sand + Clay
- Fine Gravel
- Gravel + Sand + Clay
- Fine Gravel
- Gravel + Clay
- Fine Gravel

**Footnotes:**

- [ ] Indicate location of well and place of use, if possible. Each small square represents 10 acres.
- [ ] Show exact depth of bottom.

**Static Water Level for non-flowing Well:** 15’ feet.

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

**Pumping Water Level:** 41’ feet at 18 gal. per minute.

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

**How Tested:** Pump

**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 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 Appropriate.
State of Montana
County of Gallatin

Filed December 3 1963
at 11:30 a'clock A.M.

EARL WALTON
County Clerk & Recorder

Fee $2.00 pd.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **W.A. Benner & Clara Benner**
   - **Address**: 2922 West B Street
   - **Town**: Helena
   - **County**: 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 Water* + *Stock Watering*.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. *March 31, 1954, to 2nd Well June 1956, Continuous*.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). *1st Well 18 Gal. + 2nd Well 18 Gal. per Min.*

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. **New Sec. 11, T. 3 S. R. 5 E.**
   - 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. *1st Well March 31, 1954, 2nd Well June 1956, Stock Water*.

8. The depth of the water table. *11' + 2nd Well 26'*.

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. *1st Well 18" and 3rd Well 6" and 26'*.

10. The estimated amount of groundwater withdrawn each year. *None*.

11. The log of formations encountered in the drilling of each well if available. *1st Well No. 3 Couch, Sand and Clay. 2nd Well No. 3 Couch, Sand and 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. *None*.

Signature of Owner: ____________________________

Date: ____________________________

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)
This form to be prepared by driller, and three copies to be filed
by the owner with the County Clerk and Recorder in the county in
which the well is located, last copy to be retained by driller.
Please answer all questions. If not applicable, so state, otherwise the
form may be returned.

Owner: ____________________________
Address: __________________________
Date well started: ___________________
completed: ________________________
Type of well: ________________________
Equipment used: ____________________
Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other [ ]* Garden/Lawn [ ]
*Describe 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: ________________________

PERFORATIONS
Kind Size From To

Static water level: __________________ ft.
Pumping water level: __________________ ft.
at: __________________ gallons per minute,
measured: __________________ minutes after pumping began.
*Measured from ground level.
Well developed by __________________ for: __________________ hours.
Power: __________________ 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: ____________________________
Show exact depth of bottom: ____________________________
State of Montana  
County of Gallatin  

Filed  
June 29, 1973  
at 4:18 O'clock P.M.  

C. L. Studebaker  
County Clerk & Recorder  

By  
Deputy  

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

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

Date of Appropriation of Groundwater: August 21, 1964.
Maxine T. and
Owner. R. L. Bostwick
Address: Route One, Baxman,
Montana
Contractor (if any) None
Address of Contractor None
Date Started None Date Completed None
Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Water is from sub-irrigation
and a developed spring. Spring was bulldozed
out and directed into section line ditch on
west of section eleven. Water to be used in
sections 2 and 3 of T 25 R 5E.
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. Spring
develops from 20-40 inches depending upon
flow of year. Measured in ditch by quantity
passed at point. Water to be used from
July 1 to October 1.
Signature of Owner

Date Aug 21, 1964

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana
Bureau of Mines and Geology and quadruplicate for the Appropriate.
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: August 21, 1964

Maxine T. and
Owner: Rose Brockway  Address: Route One, Bozeman, Montana

Contractor (if any): None

Address of Contractor: None

Date Started: None  Date Completed: None

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes": Include depth to water when applicable. Water is from sub-irrigation and a developed spring. Spring was bulldozed out and directed into section line ditch on west of Section Eleven. Water to be used in sections 2 and 3 T 25 R 5E

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. Spring develops from 20-40 inches depending upon time of year. Measured in ditch by quantity passing set point. Water to be used from July 1 to October 1.

Signature of Owner: Rose Brockway  Date: Aug 21, 1964

This form to be prepared by contractor (if any), otherwise by 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.
Case of Montana \ss.
County of Gallatin \ss.

\text{August 24, 1964}
\text{11:30 a'clock P.M.}

\text{Carl Harrison}
COUNTY CLERK & RECORDER
By, \text{Deputy}

\text{1867}
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 filled
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: Hamilton \\
Address: 507 E. 7th Ave. \\
Date well started: May 29, 1970
completed: June 23, 1970

Type of well: Drilled
Equipment used: Churn Drill

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

*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>Depth of</th>
<th>Down-hole</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>520 ft.</td>
<td>42 ft.</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 52 ft.
Pumping water level: 42 ft.
at 80 gallons per minute, measured 5 minutes after pumping began.

*Measured from ground level.

Well developed by: Power Pump for 2 hours.

Power: Pump: HP
Remarks: (Gravel packing, cementing, packers, type of shut-off)

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

Driller's Signature: \\
Driller's Address: 3203 Bridger Dr. \\
LICENSE NO. 17

COUNTY: Gallatin

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>Depth (Ft.)</th>
<th>Toe (Ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Top Soil+Clay</td>
</tr>
<tr>
<td>2</td>
<td>Gravel</td>
</tr>
<tr>
<td>10</td>
<td>Static Water Level</td>
</tr>
<tr>
<td>20</td>
<td>Gravel</td>
</tr>
<tr>
<td>33</td>
<td>Sandy Gravel</td>
</tr>
<tr>
<td>75</td>
<td>Basal Gravel</td>
</tr>
<tr>
<td>155</td>
<td>Sand</td>
</tr>
<tr>
<td>165</td>
<td>Sand &amp; Gravel</td>
</tr>
<tr>
<td>235</td>
<td>Artic Ice</td>
</tr>
</tbody>
</table>

Show exact depth of bottom
State of Montana
County of Gallatin
Filed Dec 10, 1970
at 6:35 p.m.

C. L. Stacey
County Clerk & Recorder

By
Deputy

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

Owner: 
Address: 

Driller: 
Address: 

Date of Notice of Appropriation of Groundwater: 

Date well started: 
Date completed: 

Type of well: 
Equipment used: 

Water use: 

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

Static Water Level for non-flowing Well: 
Shut-in Pressure for Flowing Well: 
Pumping water level: 
Discharge in gal. per min. of flowing well: 
How tested: 
Length of test: 
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation): 

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

Show exact depth of bottom.

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

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

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

Declaration of Vested Groundwater Rights

Under Chapter 237, Montana Session Laws, 1961

[Form fields filled in with information]

1. Name of Appropriator: Larry P. and Jean T. Carter
   Address: 120 North Western Drive, Bozeman
   Town:
   County: Gallatin
   State of Montana

2. The beneficial use on which the claim is based: Household water use and irrigation of property.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 25 Dec. 1960. Use has been continuous since that date.

4. The amount of groundwater claimed (in cubic inches or gallons per minute): 100 gallons per minute. Less than one acre head of water.

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 not specified.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Nov. 1960. Date of drilling and completion of well.

8. The depth of water table: 3 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: Submersible pump. 40 gpm per minute.

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

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

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: Unknown.

Signature of Owner: [Signature]
Date: December 30, 1963

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

Original to the County Clerk and Recorder. Duplicate to the State Engineer. Triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
STATE OF MONTANA
COUNTY OF GALLATIN

Filed: L - 30 1955

at 11:31 A.M.

Earl Walton
COUNTY CLERK & RECORDER

By

Rec. 7 - 200
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

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

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

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner
Address
Date well started
Date well completed
Type of well
Equipment used
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>Name of Driller</th>
<th>Date</th>
<th>Depth (Feet)</th>
<th>House</th>
<th>Area</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller's Signature</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Driller's Address

---

Top of Ground (Ft. above sea level)

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>3rd</td>
<td>Clay</td>
</tr>
<tr>
<td>2nd</td>
<td>Clay</td>
</tr>
</tbody>
</table>
State of Montana
County of Gallatin

Filed June 27, 1973
at 4:38 o'clock p.m.

County Clerk & Recorder
By:

Fee $200.00
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: CHRISTIS
Address: ..........................

Date well started: Oct. 24/55
Date well completed: Oct. 26/55

Type of well: Drilled
Equipment used: Cable tools
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>Site of</th>
<th>Date and Depth of</th>
<th>From</th>
<th>To</th>
<th>Blk</th>
<th>Ft</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>t</td>
<td>Depth of Casing</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6&quot;</td>
<td>6/1/55</td>
<td>0</td>
<td>53</td>
<td>none</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 11' ft.
Pumping water level: 25' ft.

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

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

Driller's Signature: ____________
Driller's Address: ..........................

Show exact depth of bottom
### WATER WELL LOG

**Owner:** Jack H. Cowan  
**Address:** 205 Western Drive  
**Driller:** Van Syckel Drilling Co.  
**Address:** Bozeman  
**Date Started:** Dec. 1960  
**Date Completed:** Dec. 1960  
**Location:** Sec. 11 T. 2S R. 5E 1/4 sec. 1424' W. 6th  
**Type of well:** Drilled  
**Equipment used:** Cable tools

<table>
<thead>
<tr>
<th>Water use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Water use:</strong></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>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>53'2&quot;</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Casing:</strong></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>feet</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Pumping water level:</th>
<th>feet at</th>
<th>gal. per min.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>25</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Length of test:</th>
<th>1 hr.</th>
</tr>
</thead>
</table>

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

(Over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 3</td>
<td></td>
<td></td>
<td>top sand</td>
</tr>
<tr>
<td>3 - 53</td>
<td></td>
<td></td>
<td>all gravel, sands, and Builders</td>
</tr>
</tbody>
</table>

Surface water is sealed off and does not enter casing.

---

Gallatin County, State of Montana, 8-25-1927

File No. 250

Block 3

Lot 15

W. H. Kellogg & Co.
STATE WATER CONSERVATION BOARD

File No. 10324
DUPLICATE

Top of Ground Water (Elev. above sea level.

Notice of Completion of Groundwater Appropriation by Means of Well
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Old Well:

<table>
<thead>
<tr>
<th>Depth</th>
<th>Stratum Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>14-20</td>
<td>rock sand &amp; water</td>
</tr>
<tr>
<td>20-28</td>
<td>rock &amp; clay</td>
</tr>
<tr>
<td>28-35</td>
<td>gravel &amp; water</td>
</tr>
<tr>
<td>35-39</td>
<td>sand &amp; clay</td>
</tr>
<tr>
<td>39-40</td>
<td>clay</td>
</tr>
<tr>
<td>40-42</td>
<td>sand &amp; water</td>
</tr>
<tr>
<td>42-45</td>
<td>clay</td>
</tr>
<tr>
<td>42 ft</td>
<td>Bottom of Well</td>
</tr>
</tbody>
</table>

Date of Notice of Appropriation of Groundwater:

Date well started: Sept. 23, 1965
Date completed: Sept. 25, 1965

Type of Well: Drilled
Equipment used: Churn (Dug, Driven, bored or drilled)

Water Use:
- Domestic
- Municipal
- Irrigation
- Stock
- 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.

Use of Well: Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □

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

Static Water Level for non-flowing well
Shut-in Pressure for Flowing Well
Pumping Water Level
Discharge in gal. per minute
How Tested: Fumped
Length of Test:
Remarks: (Gravel packing, cementing, packers, type of shut-off)

Tract 5 as designated on Assessor's plat being
10.11 acres in 92

Display on map

Show exact depth of bottom.

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

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

Driller's License Number
Driller's Signature

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Owner's Name:

Address:

Driller's Name:

Address:

2019 J. Babcock
Bozeman, Montana

Harold Hubert
Route 1, Bozeman

40-47
State of Montana  ss.
County of Gallatin ss.

Filed March 28, 1966 at 4:00 o'clock P.M.

Carl J. Stuck
County Clerk & Recorder

By: Luxembourg
Deputy

Fee $ 70.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Lovell J. Davis and Myrtle M. Davis
   (Name of Appropriator) of 3019 J. Babcock, Bozeman
   (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: (a) Domestic; (b) Irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: (a) 1900; (b) 1/20/61.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 200 gal. 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: (a) Pump-stationary; (b) Pump-portable. See plat for location on south portion of property.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: (a) approx. 1900; (b) March 20, 1961.

8. The depth of water table: 5 to 10 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: (a) Cased 12' - 15 ft.; (b) Cased 24' - 40 ft.

10. The estimated amount of groundwater withdrawn each year: (a) Average: household, lawn & garden use 25 ft. 1 ft. clay, and then gravel.

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: December 31, 1963

By the owner with the County Clerk and Recorder of the county in which the well is located.

(Any Clerk and Recorder. Duplicate to the State Engineer. Triplicate to the Montana Bureau of 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)

CARLO DICICCO & NANCY D. DICICCO
of 325 South Wilde Lane, Helena
(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—Residential and some irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been—June 1959...continuously

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

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—Submersible electric pump, 50 ft. from North Prep. Line and 100 ft. from North Prep. Line

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater—June 1959

8. The depth of water table—15 ft. (Well depth: 56 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—Water, 6" diam. casing, 14" pipe, 56 ft.

10. The estimated amount of groundwater withdrawn each year—40,000 gallons

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

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.

Date: 12/31/63
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: T.W. Fellows
Date of Notice of Appropriation of Groundwater: 9/12/61
Date well started: 9/17/61
Date well completed: 9/23/61

Type of well: Drilled
Equipment Used: Churn 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 the water rises in the well.

Static Water Level for non-flowing Well: 8 feet.
Shut-in Pressure for Flowing Well: 28 psi.
Pumping Water Level: 28 feet at 25 gal. per minute.
Discharge in gal. per min. of flowing well: 25 gal.

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)

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 School of Mines; quadruplicate for the Appropriator.
State of Montana

County of

Filed January 21, 1962

at 1:30 P.M.


By

Fee $2.30
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 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, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: Jacks L & Sandra Pets

Address: 1809 Valley Dr

Date well started: June 17, 1965

Date well completed: July 31, 1965

Type of well: Drilled

Equipment used: Center Drill

Water Use: Domestic X Municipal Stock Irrigation Industry 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 Well</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; 5/8 x 17&quot; above ground</td>
<td>1&quot;</td>
<td>50</td>
<td>-</td>
<td>-</td>
</tr>
</tbody>
</table>

Static water level 12 ft.
Pumping water level 35 3/4 ft.
at 15 gallons per minute, measured 15 minutes after pumping began.
*Measured from ground level.
Well developed by Pump for 1 hour.

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

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

Driller's Signature

Driller's Address

LICENSE NO.

Show exact depth of bottom
State of Montana
County of Missoula

Filed June 29, 1973
at 4:55 o'clock A.M.

Carl L. Smit

By: Allen Mergan

Fee: $50.00
**WATER WELL LOG**

**Owner:** Rose & Bess Fowler  
**Address:** R.R. 1, Bozeman, Mont.

**Driller:** Van Dyke Drilling Co.  
**Address:** Bozeman

---

**Date Started:** April 7, 1956  
**Date Completed:** April 10, 1956

**Tract:** Fowler Subdivision (Little house at rear)

**Location:** Sec. 31 T. 5 N. R. 63 1/4 sec. S2SW

---

**Type of well:**  
**Drilled (pumped, bored, or drilled)**  
**Equipment used:** (Churn drill, rotary, other)

---

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

---

**Casing:**

- **0 ft. to 38' 10" ft.**  
  **Type:**  
  **Steel**  
  **Size:** 6 3/8" O.D.

---

**Perforated or Screened:**

---

**Type of screen or perforations:**

---

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

---

**Shut-in pressure, for flowing well:**

---

**Pumping water level, ft.:**

---

**How tested:**

---

**Length of test:**

---

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

---

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 39'10&quot;</td>
<td>All gravel (loose and sandy)</td>
</tr>
</tbody>
</table>
WATER WELL LOG

West Babcock Road

Owner: Horace A. Bass-Fowler  Address: R R #1, Bozeman, Mont.
Driller: Van Dyken Drilling Co.  Address: Bozeman

Date Started: March 14, 1945  Date Completed: March 16, 1946
Tract: 1, Fowler Subdivision (House nearer road)
Location: Sec. 11, T. 28 R. 52, 1/4 sec. SWNW

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

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

Casing: 0 ft. to 35 ft.  Type: 6" Steel  Size: 6 5/8" O.D. T.C.
Casing: 35 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: 6 1/4 ft.
Shut-in pressure, for flowing well: ____________________________ lb. sq. in. on (date)
Pumping water level: ______ feet at ______ gal. per min
How tested: Baller
Length of test: 1 hr
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)
<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 35</td>
<td>All loose gravel &amp; sand</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Richard M. Frangis
   (Name of Appropriator)
   of Box 245
   (Address)
   Boxerman
   (Town)

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: *prior to 1956 = continuous; use since 1956*

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

5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof: *lawn and garden irrigation = 3.75 acres*

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

7. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater: *data and completion unknown, well used continuously since 1956*

8. The depth of water table: *10 feet approximately*

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" casing, 50 estimated depth*

10. The estimated amount of groundwater withdrawn each year: *Unknown*

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

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

Signature of Owner

Date: December 30, 1963

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

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

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

35985
State of Montana  
County of Gallatin  

Filed Dec 31, 1963 
at 1:09 o'clock P.M.

EARL WALTON  
COUNTY CLERK-RECORD

Fee $ 2.00
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Richard M. Franci Address: Boxman
Driller: ML Jones Address: Boxman

Date of Notice of appropriation of groundwater: 
Date well started: Sept 17, 1962 Date completed: Sept 24, 1966

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

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

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

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Type of Strata</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Coarse gravel</td>
</tr>
<tr>
<td>3</td>
<td>Finer gravel and sand</td>
</tr>
<tr>
<td>4</td>
<td>Coarse gravel</td>
</tr>
<tr>
<td>5</td>
<td>Finer gravel and sand</td>
</tr>
<tr>
<td>6</td>
<td>Coarse gravel</td>
</tr>
<tr>
<td>7</td>
<td>Finer gravel and sand</td>
</tr>
<tr>
<td>8</td>
<td>Clay</td>
</tr>
<tr>
<td>9</td>
<td>Finer gravel and sand</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 3 feet.
Shut-in Pressure for Flowing Well: 
Pumping Water Level: 22 feet at 25 gal. per minute.
Discharge in gal. per min. of flowing well: 
How Tested: Pump
Length of Test: 7 Hour
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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).

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

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

Driller’s License Number: 11
Driller’s Signature: Milton E. Jones
State of Montana
County of Gallatin
Filed March 31, 1967,
at 9:00 o'clock A.M.

Carl A. Stroope
County Clerk & Recorder
By: Ethel A. Mapletoft
Deputy

Fee $ 1.00
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Jack French Jr.  Address: Bozeman
Driller: ME Jones  Address: Helena
Date Started: Apr 14, 1955  Date Completed: 4-8-55
Location: Sec. 11 T. 2S R. 5E ¼ sec. 5 1/2 of NW 1/4

Type of Well: Drilled
Equipment used: Churn Drill

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

Casing: 3 3/4 ft. to 49 1/2 ft. Type: Std Pipe  Size: 6” ID

Perforated or Screened: None to ft.  Ft. to ft.

Static Water level, for non-flowing well: 7 feet.
Shut-in pressure, for flowing well: 57.5 lb. sq. in.  (date)
Pumping water level: 5' 1/2 feet at 10 gal. per min.

How tested: Bail
Length of test: 1 Hour

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface 2 ft</td>
<td>Top Soil</td>
</tr>
<tr>
<td>2 ft - 43 ft</td>
<td>Coarse Gravel</td>
</tr>
<tr>
<td>43 ft - 46 ft</td>
<td>Clay + Sand</td>
</tr>
<tr>
<td>46 ft - 52 ft</td>
<td>Gravel + Sand</td>
</tr>
</tbody>
</table>
Form No. 18

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Owner: JOHN S. FRENCH, SR.
Address: BOZEMAN, MONTANA

Driller: HARRY VAN DYKEN
Address: BOZEMAN, MONTANA

Date Started: FEB. 1945
Date Completed: FEB. 1945 (1 WEEK)

Location: Sec. 11 T. 2 S R. 5 E 1/4 sec. in 3/4 of NW 1/4

Type of well: DRILLED
Equipment used: CHURN DRILL
(Churn, drill, rotary, other)

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

Casing: LEVEL ft. to 45 ft. Type C.I. Size 4 IN.

Perforated or screened: Ft. None to Ft. None. Ft. None to Ft. None.

Type of screen or perforations: None

Static water level, for non-flowing well: 13 feet.

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

Pumping water level: 40 feet at gal. per min. Not known

How tested:

Length of test:

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

4" CASING TO 45', BOTTOM INTAKE, 1" PIPE TO 40', PIPE TO PUMP TAKEOFF 5' BELOW GROUND LEVEL.
## Log of Well

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Mostly gravel, some sand &amp; clay, 1 impervious layer at about 15'.</td>
</tr>
</tbody>
</table>

Total footage: 8.00 ft.

Date: December 5, 1963

By: E. A. Alter, Resident Engineer, State of Arizona Department of Agriculture.
T. 25 R. 5E
County: Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Tom Gerleman  Address: Boseman
Driller: N. E. Jones  Address: Helena
Date Started: December 19, 1958  Date Completed: December 21, 1958

Location: Sec. 11  T. 25  R. 5E  1/4 sec. NE 1

Western Subdivision Block #4, Lot #10

Type of well Drilled: Churn Drill

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

Casing: Surface ft. to 50 ft. Type: Std Pipe Size: 6 inch I.D.
Casing: ft. to ft. Type: Size:
Casing: ft. to ft. Type: Size:

Perforated or Screened: ft. None to ft. Ft. None to ft.
Type of screen or perforations: None

Static Water level, for non-flowing well: 12 feet.
Shut-in pressure, for flowing well: lb. sq. in: (date)
Pumping water level: 51 ft. 4 in. feet at 15 gal. per min.

How tested: 
Length of test: 1 Hour

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface 27'</td>
<td>Coarse Gravel</td>
</tr>
<tr>
<td>27' 40'</td>
<td>Clay</td>
</tr>
<tr>
<td>40' 41'</td>
<td>Sand &amp; Gravel</td>
</tr>
<tr>
<td>41' 46'</td>
<td>Clay</td>
</tr>
<tr>
<td>46' 47'</td>
<td>Fine Gravel &amp; Sand</td>
</tr>
<tr>
<td>47' 50'</td>
<td>Clay</td>
</tr>
<tr>
<td>50' 52'</td>
<td>Fine Gravel</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

 Owner: 
 Address: 

Driller: Donald C. Lewis 
Address: Bozeman, Montana

Date of Notice of appropriation of groundwater: June 14, 1967
Date well started: Date completed:

Type of well: Drilled 
Equipment used: Churn Drill

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

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.

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

How Tested
Length of Test
Remarks: (Gravel packing, cementing, pack

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).

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

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

Driller's License Number

Driller's Signature

17

42, 226
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: Donald S. and Irene 210 No. Western Drive

Driller: Harold Helgi
Address: Billings, Mont.

Date of Notice of Appropriation of Groundwater: June 19, 1962
Date Completed: July 21, 1962

Type of well: Drilled
Equipment Used: Churn (drilled)

Water Use: Domestic

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Net and Weight of Cod</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>6.50D 3</td>
<td>26.6&quot;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 13 feet
Shut-in Pressure for Flowing Well: __
Pumping Water Level: 21 feet at 30 gal. per minute
Discharge in gpm, per min. of flowing well: __
How Tested: __
Length of Test: 2 h

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

Driller’s License Number: 47
Driller’s Signature: __

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.

33387
Form No. 18  8-60

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

STATE ENGINEER

Owner  Address
E. W. Heath  Butte, Montana
Driller  Address
M. E. Jones  Butte, Montana
Date Started  Date Completed
Location: Sec. 16 T. 74 R. 5E 1 sec. 1456

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

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

Casing:
- 0 ft. to 42 ft. Type Black Size 1 1/2" O.D. 15"
- Ft. to Ft. Type Size
- Ft. to Ft. Type Size

Perforated or screened: Ft. to Ft. to Ft. to Ft.

Type of screen or perforations: None

Static water level, for non-flowing well: 7 feet.

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

Pumping water level 42 feet at 30 gal. per min.

How tested: [ ]

Length of test: [ ]

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

(over)
<table>
<thead>
<tr>
<th>Depth (feet)</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 4</td>
<td>Top soil</td>
</tr>
<tr>
<td>4 to 26</td>
<td>Gravel</td>
</tr>
<tr>
<td>26 to 36</td>
<td>Sandy clay</td>
</tr>
<tr>
<td>36 to 42</td>
<td>Fine gravel &amp; sand</td>
</tr>
<tr>
<td>42</td>
<td>Fine gravel</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Richard L. Hedder of 315 Westside Road
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

3. Date or approximate date of earliest beneficial use; and now continuous the use has been Jan. 1960 – Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 150 gpm

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 Oct. 1 to Dec. 31, 1960

8. The depth of water table 18 ft. 43

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 300,000 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 Jan. 2, 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 School of Mines 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 Appropriate: ____________________________
   Address: ____________________________
   Town: ____________________________

   County of ____________________________ State of ____________________________

   have appropriated groundwater according to the Montana laws in effect 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: ____________________________

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

   E N S W

   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
County of Gallatin

Filed July 1, 1953
at 2:45 p.m.,
Carl Walton

COUNTY CLERK & RECORDER

By: [Signature]

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Joe Sandk
Address: Bozeman, Mont.

Driller: Donald C. Jones
Address: Bozeman

Date of Notice of Appropriation of Groundwater
Date well started: Aug 30, 1963
Date Completed: Sept 6, 1963

Type of well: Drilled
Equipment Used: churn 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 well: 5 feet.
Shut-in Pressure for flowing well: 
Pumping Water Level: 72 feet at: 27 gal per minute.
Discharge in gal. per min. of flowing well: 
How Tested: Pump
Length of Test: 1 hour

Remarks:

Driller's License Number: 
Driller's Signature: 

Lot 3 Bl. 1 Kirk Sub Div.
SE 1/4 SW 1/4 R 28 S 11
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

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

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

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

County of Gallatin

Filed September 25, 1963

at 12:20 o'clock P.M.

EARL WALTON
COUNTY CLERK & RECORDER

By: [Signature]
DEPUTY

Fee $ 2.00 pd.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Donald L. Brown</td>
</tr>
</tbody>
</table>

Date of Notice of appropriation of groundwater:

Date well started: March 10, 1962
Date completed: March 31, 1962

Type of well: Drilled
Equipment used: Churn drill, rotary or other

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

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

<table>
<thead>
<tr>
<th>Strata</th>
<th>Depth (Feet)</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Gravel</td>
<td>20</td>
<td></td>
</tr>
<tr>
<td>Gravel + Clay</td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>Gravel + Sand</td>
<td>60</td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td>80</td>
<td></td>
</tr>
</tbody>
</table>

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

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

Indicate location of well and place A 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).

Driller’s License Number
45306
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, tissue copy to be retained by driller.

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

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

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

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

Filed: June 3, 1969
at 11:00 A.M.

Carl J. Stecky
County Clerk & Recorder

By: Betty Ross
Deputy

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

Owner: Joe Marv. Trailer Court Address: Bozeman, Mont.
Driller: Van Dyken Drilling Co Address: Bozeman, Mont.
Date of Notice of Appropriation of Groundwater: None
Date well started: Nov. 15/63 Date Completed: Nov. 16/63
Type of well: Drilled Equipment Used: Cable tools (dug, driven, bored or drilled)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot;</td>
<td>0'</td>
<td>33'</td>
<td>None</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 4 feet.
Shut-in Pressure for Flowing Well: None
Pumping Water Level: 22' feet at 15 gal. per minute.
Discharge in gal. per min. of flowing well: None
How Tested: AIailler Length of Test: 1 Hr.
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

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

Show exact depth of bottom.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Appropriator.
1281

COUNTY, Montana

Filed 12-30-1953 at 11:37 a.m.

Carl Welten

COUNTY CLERK & RECORDER

By

Fee $ 250
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)

Top of Ground
(El-v. above sea level)

0' - 3' clays.
3' - 54' Sand and gravels.

T.D. 54'

Date of Notice of Appropriation of Groundwater: none
Date well started: June 10/62; Date Completed: June 19/62
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>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot;</td>
<td>0</td>
<td>53'</td>
<td>Bar None</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 3' feet.
Shut-in Pressure for Flowing Well: none
Pumping Water Level: 30' feet at 30 gal. per minute.
Discharge in gal. per min. of flowing well: none

How Tested: Bailar; Length of Test: 1 Hr.

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.

License No. 1
Driller's License Number
Driller's Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Appropriator.
Case No. 619-75
County of Claire
Filed 12-30-1963
at 11:30 a.m.
Earl Watson

Gentry Clerk & Recorder

By

For 2nd

Deputy
**Water Well Log**

**Owner**: Lewis A. Jones  
**Address**: 3215 West Babcock

**Driller**: Milton E. Jones  
**Address**: 633 East Lamme

**Date Started**: Oct. 14, 1959  
**Date Completed**: Oct. 17, 1959

**Location**: Sec. 11, T. 2 S, R. 5 E, sec. SW ¼ of NW ¼

<table>
<thead>
<tr>
<th>Type of well</th>
<th>DRILLED</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment used</td>
<td>CHURN DRILL</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Casing: Level</th>
<th>ft. to 42 ft.</th>
<th>Type: C.I.</th>
<th>Size: 6&quot;</th>
</tr>
</thead>
</table>

**Perforated or screened**: Ft. NONE to ft. [ ], Ft. [ ] to ft. [ ]

**Type of screen or perforations**

**Static water level, for non-flowing well**: 13 feet

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

**Pumping water level**: 39 feet at 18 gal. per min.

**How tested**: TIMED TO FALL TO STATIC LEVEL.

**Length of test**

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

*1" plastic pipe to 36'. Takeoff to pump at 3'.*

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0</td>
<td>To 42</td>
</tr>
<tr>
<td></td>
<td>GRAVEL, SOME SAND &amp; CLAY.  IMPERVIOUS LAYER.</td>
</tr>
</tbody>
</table>

261
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: M. Hall E. Jones
Address: 2133 Briergate Dr., Bozeman, MT

Date of Notice of appropriation of groundwater: Jan. 5, 1972
Date well started: Jan. 5, 1972
Date completed: Feb. 23, 1972

Type of well: Drilled
Equipment used: Churn 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 the water rises in the well.

Static Water Level for non-flowing well: 42 feet
Shut-in Pressure for Flowing Well: 11 psi
Pumping Water Level: 410 feet
Discharge in gal. per min. of flowing well: 17 gallons

How Tested: Flow Test
Length of Test: 7 days
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

2.884 Acres J. M. Nichey Property

Driller's License Number
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, 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
County of Gallatin
File Oct 30, 1970
at 10 o'clock P.M.

By: Allie M. Hossiman

1st Ad.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

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

   2. The beneficial use on which the claim is based: personal, household, lawn & garden

   3. The date or approximate date of earliest beneficial use; and how continuous the use has been: April 30, 1961 to present date.

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

   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: 8 acres, southwest of Sec. 11, Tp 2 S, Range 5 E of M.P.M. Gallatin County, Mont.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Well, Pump, pressure type

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: April 13, 1961 - April 30, 1961

   8. The depth of water table: 14 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: 131 feet deep, 6 1/8 in. casing, 2 ft. above ground

   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: Attached.

   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: 7-3-62

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 Appropriate.
STATE OF MONTANA
OFFICE OF STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Notice of completion of groundwater appropriation by means of well, developed after January 1, 1962.

Date of Notice of Appropriation of Groundwater: 1/1/66
Date Well Started: 1/1/66
Date Completed: 1/1/66

Type of Well: Driven Equipment

Water Use: Domestic

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soft, 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.

Show exact depth of bottom.

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

* Continue on reverse side

---

| Date of Notice of Appropriation of Groundwater | 1/1/66 |
| Date Well Started | 1/1/66 |
| Date Completed | 1/1/66 |
| Type of Well | Driven Equipment |
| Water Use | Domestic |

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soft, 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.

Show exact depth of bottom.

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

(Continue on reverse side)

---

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

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

Driller's License Number

Driller's Signature
State of Montana
County of Gallatin
Filed
at 3:15 o'clock P.M.

By

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

**Owner:** Bessie K. Kay  
**Address:** 124 N. Valley Drive

**Driller:** Donald C. Jones  
**Address:** 203 Bridg Dr.

---

**Type of Well:** Drilled  
**Equipment Used:** Churn Drill

**Date of Notice of Appropriation of Groundwater:** Oct. 1, 1964

**Date well started:** Jan 31, 1964  
**Date completed:** Feb. 5, 1964

**Top of Ground**

<table>
<thead>
<tr>
<th>Elev. above sea level</th>
<th>Top Soil</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Gravel</td>
</tr>
<tr>
<td>4</td>
<td>Tight Sand</td>
</tr>
<tr>
<td>6</td>
<td>Sand &amp; Fine Gravel</td>
</tr>
<tr>
<td>8</td>
<td>Tight Sand</td>
</tr>
<tr>
<td>10</td>
<td>Sand &amp; Fine Gravel</td>
</tr>
<tr>
<td>12</td>
<td>Tight Sand</td>
</tr>
<tr>
<td>14</td>
<td>Sand &amp; Gravel</td>
</tr>
</tbody>
</table>

---

**Site of Drilled Hole**

<table>
<thead>
<tr>
<th>Site</th>
<th>North</th>
<th>East</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>3</td>
<td>4</td>
</tr>
<tr>
<td>4</td>
<td>5</td>
<td>6</td>
</tr>
<tr>
<td>6</td>
<td>7</td>
<td>8</td>
</tr>
<tr>
<td>8</td>
<td>9</td>
<td>10</td>
</tr>
<tr>
<td>10</td>
<td>11</td>
<td>12</td>
</tr>
</tbody>
</table>

---

**Site and Weight of Cement**

- 6" x 6.5" x 0.0
- 2' 41' 15"

**Pumping Water Level**

- Static Water Level for non-flowing well: 14 feet
- Shut-in Pressure for Flowing well
- Pumping Water Level: 41 feet at 30 gal. per minute
- Discharge in gal. per min. of flowing well

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

- \( \text{Shut-in Pressure for Flowing well} \)
- \( \text{Pumping Water Level} \)
- \( \text{Pump Length of Test} \)

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

**Driller's License Number:** Donald C. Jones

---

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 Appropriation.
State of Montana  
Count of Gallatin  

Filed 26th Day of May, 1964  
at 11:30 o'clock A.M.  

Curt L. Stucky  
Law Clerk & Recorder  

By  
Deputy  

Fee $5.00
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Douglass Keppel
Address: 202 Main

Driller: John D. D. Dwyer
Address: 628 Main

Date Started: 8/1/60
Date Completed: 8/11/60

Location: Sec. 11 T. 25 R. 5 E 1/4 sec. N.E. 1/4

Type of well: Drilled
Equipment used: (Cable tools)

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

Casing: 0 ft to 4 ft [ ] 4 ft to 11 ft [ ]
Type: Domestic [ ] Size: 6 1/2 OD 17 # P.E.

Casing: [ ] ft to [ ] ft [ ] ft to [ ] ft [ ] ft to [ ] ft
Type: [ ] Size: [ ]

Perforated or Screened: [ ] ft to [ ] ft [ ] 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 18 gal. per min.

How tested: [ ]

Length of test: [ ] hr

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

(over)
Declaration of Vested Groundwater Rights

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Douglas W. Kepner Jr.,

14 So. Western Drive
Bozeman, Montana

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

2. The beneficial use on which the claim is based
   Household and yard irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   September 1, 1960; Constant use

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   5 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
   Yard irrigation
   Lot 85' x 135'

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

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

8. The depth of water table
   40' below surface; minimum, maximum not known

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   Type & size unavailable; depth 50' approx.

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

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

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

Signature of Owner

Date

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
State of Montana \nCounty of Gallatin \n
Filed: Dec 23, 1963
at 1:40 o'clock PM

Paul Malone
COUNTY CLERK & RECORDER

By: "A. J. Morrow"
DEPUTY

Fee $25.00
STATE OF MONTANA
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1969

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

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

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

Owner

Address

Date well started

Date well completed

Type of well

Equipment used

Water Use:

Domestic
Municipal
Stock
Irrigation
Industrial
Drainage
Other
Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Well</th>
<th>Site and of</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>19 lb</td>
<td>5/8</td>
<td>0.0</td>
<td>none</td>
</tr>
</tbody>
</table>

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

*Measured from ground level.
Well developed for hours.
Power: 
Remarks: (Gravel packing, cementing, packers, type of snoutoff)

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

Driller's Signature

Driller's Address

LICENSE NO.

COUNTY

MONTANA WATER RESOURCES BOARD

STATE OF MONTANA RECEIVED DRILLER'S LOG
ADMINISTRATOR OF GROUNDWATER CODE

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>
</tr>
</thead>
<tbody>
<tr>
<td>0.0</td>
<td>10.0</td>
</tr>
<tr>
<td>10.0</td>
<td>20.0</td>
</tr>
<tr>
<td>20.0</td>
<td>30.0</td>
</tr>
<tr>
<td>30.0</td>
<td>40.0</td>
</tr>
<tr>
<td>40.0</td>
<td>50.0</td>
</tr>
</tbody>
</table>

Show exact depth of bottom

46625
State of Montana
County of Gallatin

Filed: June 29, 1970
at 10:00 o'clock A.M.

Carl L. Steck
County Clerk & Recorder

By: Bevay Ross
Deputy

Fee $______ pd.
**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL**

Developed after January 1, 1962.

(To be completed and filed 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**

William Kiefer &

**Address** 2022 N. Durston

Bozeman, Montana

**Date well started** June 19, 1976

**Date well completed** June 22, 1976

**Type of well** Drilled

**Equipment used** Cable Tool

**Water Use** Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

**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 Drawoff</th>
<th>Size and Shape of Cover</th>
<th>From Foot</th>
<th>To Foot</th>
<th>Kinds of Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 ft. 1 in.</td>
<td>59 ft.</td>
<td>0 D.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static water level** X ft. *Pumping water level** 50 ft. *at 80 gallons per minute measured 30 minutes after pumping began.

*Measured from ground level.*

Well developed by **Pump** for 5 hours.

Power 220 volts, 5/8 HP

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

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

**Driller's Signature**

**Driller's Address**

**LICENSE NO.**

**COUNTY**

**Gallatin**

**DEPARTMENT**

STATE OF MONTANA

MONTANA WATER RESOURCES BOARD

RECEIVED

MONTANA WATER RESOURCES BOARD

JUN 30 1970
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Arthur J. Kurk
   (Name of Appropriator)
of. 2505 1/4 Babcock, Bozeman
   (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

3. Date or approximate date of earliest beneficial use and how continuous the use has been.
   December, 1930 Daily

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
   Has never been determined.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
   Not applicable

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   Well started first use of December, 1930
   Completed last of December, 1930

8. The depth of water table.
   20 ft.

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

10. The estimated amount of groundwater withdrawn each year.
    Impossible to estimate.

11. The log of formations encountered in the drilling of each well if available.
    Sand and 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.
    No other information.

Signature of Owner: Arthur J. Kurk
Date: March 21, 1963

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

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

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

March 25, 1905

P.

[Signature]

By

2.00 Pd.

Fee $
Notice of Completion of Groundwater Appropriation by Means of Well Developed after January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Curtis L. Larson & Owner Frances Nae Larson Address 415 Wilda Lane Bozeman, Montana
Driller Larson Address

Date of Notice of appropriation of groundwater

Date well started Date completed

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

Water use: Domestic Municipal Stock Irrigation Industrial Drainage Other

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
</table>

PEFIRATIONS

<table>
<thead>
<tr>
<th>Elab Side</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
</table>

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

How Tested
Length of Test
Remarks: (Gravel packing, cementing, packers, type of shut-off)

Tract 4, Cahill Subdiv.

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

(Continue on reverse side)

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

Driller's License Number

Driller's Signature.

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Curtis L. Larson &

Owner

Frances H. Larson

Address: 415 Wilda Lane

Bozeman, Montana

Date of Notice of appropriation of groundwater:

Date well started: May 20, 1968.

Date completed: May 21, 1968.

Type of well: Drilled.

Equipment used: Cable, Type 2.

(Deg. 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 with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water was encountered, the character of water-bearing strata and height to which the water rises in the well.

Tract 4, Cahill Subdiv.

Static Water Level for non-flowing well: 0 feet.

Shut-in Pressure for Flowing Well: 25 feet.

Pumping Water Level: 25 feet.

Discharge in gal. per min. of flowing well: 20 gal. per minute.

How Tested.

Length of Test:

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

(Continue on reverse side)

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

Driller's License Number: 55510
State of Montana  
County of Gallatin  

June 29, 1973  

At 2:30 o'clock P.M.  

County Clerk & Recorder  

Alma S. Shank  

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

Owner: R. Miller Layman Address: Bozeman, Mont.
Driller: Van Dyke Drilling Co. Address: Bozeman, Mont.

Date of Notice of Appropriation of Groundwater: Dec. 1, 1964
Date Well Started: Dec. 1, 1964
Date Completed: Dec. 2, 1964

Type of Well: Drilled
Equipment Used: Cable tools.

Water Use: Domestic 
Municipal 
Industrial 
Drainage 
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, character and thickness of water-bearing strata and height to which water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; × 6 5/8&quot; O.D.</td>
<td>0' Prime steel</td>
<td>50'</td>
<td>none</td>
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</tbody>
</table>

Static Water Level for non-flowing Well: 9' feet.
Shut-in Pressure for Flowing Well: None
Pumping Water Level: 30' feet at 15 gal. per minute.
Discharge in gal. per min. of flowing well: None
How Tested: Baller Length of Test: 1 hr.
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)

License No. 1
Driller's License Number: R-5:
Driller's Signature:

Show exact depth of bottom.

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

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

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

May 27, 1965

Filed 1:30 o'clock M.

COUNTY CLERK & RECORDER
By

DEPUTY
### WATER WELL LOG

**County:** Gallatin  
**Location:** Sec. 11, T. 2 S., R. 5 E., 1/4 sec. N.E. 1/4

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elmer Leonard Lear</td>
<td>313 E. Story</td>
<td>Wieling's Drilling Co.</td>
<td>P.O. Box 31, Bozeman</td>
<td>J-A-61</td>
<td>3-6-61</td>
</tr>
</tbody>
</table>

**Type of well Drilled:** Churn-drill

**Equipment used:** Churn-drill

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

**Industry**  
Drainage  
Other:

**Casing:**  
Continuous, 0 ft. to 46 ft. Type Hard-steel  
Size: 6 inches, I.D.

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

**Perforated or Screened:**  
Ft. to Ft.  
Ft. to Ft.

**Type of screen or perforations:** None

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

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

**Pumping water level:**  
Thirty feet at  
Fifty gal. per min

**How tested:** Pumped

**Length of test:** Two hours, continuous

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

None.

---

(over)
<table>
<thead>
<tr>
<th>Depth, feet From</th>
<th>Depth, feet To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Zero ft. Two ft.</td>
<td>Top-soil</td>
<td></td>
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<tr>
<td>2 ft.</td>
<td>28 ft.</td>
<td>Gravel</td>
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<tr>
<td>28 ft.</td>
<td>40 ft.</td>
<td>Compacted sand</td>
</tr>
<tr>
<td>40 ft.</td>
<td>41 ft.</td>
<td>Gravel</td>
</tr>
<tr>
<td>41 ft.</td>
<td>43 ft.</td>
<td>Compacted sand</td>
</tr>
<tr>
<td>43 ft.</td>
<td>45 ft.</td>
<td>Gravel.</td>
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</tbody>
</table>
Declaration of Vested Groundwater Rights

(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:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:  July 22, 1950  Continuous

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

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:  [Details]

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:  July 22, 1950

8. The depth of water table:  5.8 ft

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

10. The estimated amount of groundwater withdrawn each year:  250,000 gal

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:  [Details]

Signature of Owner:  [Signature]

Date:  Dec. 30, 1963

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

Please answer all questions. If not applicable, so state. Otherwise the form will be returned.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: W. W. Lessley  Address: 2321 W. Babcock
Driller: Donald C. Jones  Address: Bozeman, Montana

Date of Notice of appropriation of groundwater: April 23, 1966
Date well started: April 23, 1966  Date completed: April 29, 1966

Type of well: Drilled  Equipment used: Churn Drill
(Dug, Driven, bored or drilled)  (Churn drill, rotary or other)

Water use: Domestic  Municipal  Stock  Irrigation
Industrial  Drainage  Other

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

<table>
<thead>
<tr>
<th>Depth</th>
<th>Character</th>
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<tbody>
<tr>
<td>10 ft</td>
<td>Gravel</td>
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<tr>
<td>20 ft</td>
<td>Gravel bound in Clay</td>
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<tr>
<td>25 ft</td>
<td>Bottom of well</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Depth of Center</th>
<th>Pressure (Feet)</th>
<th>Water Level (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 in</td>
<td>8 3/4&quot; above ground</td>
<td>24 ft</td>
<td>Ground</td>
<td></td>
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</tbody>
</table>

Static Water Level for non-flowing well
Shut-in Pressure for Flowing Well
Pumping Water Level
Discharge in gallons per minute
How Tested  Pump
Length of Test
Remarks: (Gravel packing, cementing, packers, type of shutoff)
This well is located across the drive way and to the west of the northwest corner of the barn.

This will be used basically for irrigation and stock water.

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, same copy to be retained by driller.

Driller's License Number
Driller's Signature

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
State of Montana
City of Gallatin
May 16, 1966

3:00 o'clock

Carl L. Studley
Judge

Deputy

2.00 pd.
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA

OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

NAME OF APPROPRIATOR: W. W. Lesley

ADDRESS: 2271 NEAR BABCOCK

TOWN: Bozeman

COUNTY: Gallatin

STATE: Montana


COUNTY OF __________ STATE OF MONTANA

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

2. The beneficial use on which the claim is based: lawn, flowers, trees, pasture.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1949; continuously ever since.

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: electric motor; wells are located in garage of regular house and the garage of the guest house; location as appears in diagram.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: June, 1949, commencement; July, 1949, completion.

8. The depth of water table: 8'-10' approx.

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: large well in garage at approx. depth, small well in garage of guest house 20'-25' capacity, not listed.

10. The estimated amount of groundwater withdrawn each year: 3500 to 10,000 miner's inches.

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: No records of either well.

Signature of Owner: ____________________________

Date: November 29, 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 Appropriorator.
State of Montana
County of Gallatin

Filed November 29, 1963
at 3:00

E. W. WATSON
COUNTY CLERK & RECORDER

By
DEPUTY

Fee $2.00 pd
Notice of Completion of Groundwater Appropriation Without Well
Developed After January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation: May 3, 1962
Owner: W. W. Lessley
Address: 2221 West Babcock
Contractor (if any): None
Address of Contractor: Not applicable
Date Started: May 3, 1962; Date Completed: not applicable

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drain, etc.)
Water flowing under culvert at west Babcock street in my cement box, sub-irrigation water flowing generally into what is called Spring Creek, and Farmers Canal Ditch and joining in Baddelester's property directly south of my property.

2) Means of withdrawing water (gravity, pump, canal, etc.)
Cement box and pipe and irrigation ditch

3) Depth of water table
Not known

4) Use of the water
Irrigation and stock water

5) Amount of groundwater claimed (in miner's inches, or gallons per minute): 60 miner's inches or 1½ cu. ft.

6) If used for irrigation, give number of acres and description of land: 12.39 acres

7) Estimate amount of water used each year: 60 miner's inches

Signature of Owner

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

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

Please answer all questions. If not applicable, so state; otherwise the form will be returned.
State of Montana  
County of Gallatin  
Filed October 7, 1969  
at 9:30 o'clock A.M.  
C. I. Stocks  
Clerk & Recorder  
By:  
Deputy  
Fee $75.00
## MONTANA BUREAU OF MINES AND GEOLOGY

**WATER WELL LOG**

**Owner:** __________

**Address:** __________

**Driller:** __________

**Address:** __________

**Date Started:** __________

**Date Completed:** __________

**Location:** Sec. __________ T __________ R __________ W __________

---

**Type of well:** __________

**Equipment used:** __________

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

**Casing:**
- Start: __________ ft.
- End: __________ ft.
- Type: __________
- Size: __________

**Casing:**
- Start: __________ ft.
- End: __________ ft.
- Type: __________
- Size: __________

**Casing:**
- Start: __________ ft.
- End: __________ ft.
- Type: __________
- Size: __________

**Perforated or Screened:**
- Start: __________ ft.
- End: __________ ft.
- Type: __________
- Size: __________

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

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

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

**How tested:** __________

**Length of test:** __________

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

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<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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## Water Well Log

### Details
- **Owner:** Wilson
- **Address:** West Bobcat
- **Driller:** Williams
- **Address:** N. 24 Cameron
- **Date Started:** Feb 1960
- **Date Completed:** Feb 1960
- **Location:** Sec. 11, T. 2E, R. 5E, 4 sec. N.W.

### Well Information
- **Type of Well:** Pump
- **Equipmen used:** Back Hoe

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

### Casing Information
- **Casing:** 15' to _______ ft. **Type:** Regular **Size:** 2"
- **Casing:** _______ ft. to _______ ft. **Type:** __________ **Size:** __________
- **Casing:** _______ ft. to _______ ft. **Type:** __________ **Size:** __________

### Perforated or Screened
- **Perforated or Screened:** __________ ft. to _______ ft. _______ ft. to _______ ft.

### Type of Screen or Perforations
- **Type:** __________

### Other Information
- **Static Water Level, for non-flowing well:** Variably _______ ft.
- **Shut-in Pressure, for flowing well:** _______ lb./sq. in. on: _______

### Pumping Water Level
- **Pumping water level:** _______ feet at _______ gal. per min.

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

### Water Surface
- **Water is:** __________ ft. **Surface Water Depth:** __________ ft.

### Existing Conditions
- **Existing Conditions:** __________

(over)
Gallatin County, Montana.

Filed Dec 29, 1961
St. 3:11 o'clock P.M.

COUNTY CLERK & RECORDER
By

Fee $7.00
**DRILLER'S LOG**

**STATE: 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.

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**Date well started**

| Feb 16/55 |

**Type of well**

| Driven, bored or drilled |

**Equipment used**

| Churn drill, rotary or other |

**Water Use:**

- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other: Garden/Lawn

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

**ESTIMATED ANNUAL WITHDRAWAL**

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<th>Size of Drilled Hole</th>
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**Static water level** 15 ft.

**Pumping water level** 35 ft.

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

**NOTE**

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

Driller's Signature

Driller's Address

**LICENSE NO.**

---

Show exact depth of bottom
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Delbert C. Axnick and/or Rita J. Axnick, of 2025 W. College, 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:

1. The beneficial use on which the claim is based: household, lawn and other grass, trees, and miscellaneous beneficial use on one acre.

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

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 22 gallons per minute.

4. If used for irrigation, the acreage and description of the lands to which water has been applied: Tract 5, Suburb of Bozeman.

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

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater in Jnrc. 1947.

7. The depth of water table: 23 feet summer, 22 feet winter.

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, 8-inch diameter, 51 inches depth.

9. The estimated amount of groundwater withdrawn each year: 150,000 thousand gallons.

10. The log of formations encountered in the drilling of each well: alluvial and clay, remainder gravel with varying clay content. To clean gravel near bottom.

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

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

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

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

County of Gallatin

Filed December 23, 1963
at 8:15 A.M.

EARL WALTER

by

Pat. 2.00 pd
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. John Porter Nelson and of Bozeman, 12 Northwestern Drive
   (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...

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... June 1960...

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof...
   Not used...

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...
   Well, Lot 6, Block 2, Farwestern Subdivision
   Sec. 11, T.53 N., R.62 E., of the M.F.M...

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

8. The depth of water table...
   12 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...
   40 feet, Six inch casing...

10. The estimated amount of groundwater withdrawn each year...
    102,500 gallons...

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

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

Signature of Owner...

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.

334-2
STATE WATER CONSERVATION BOARD

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: John Dickey
Address: Bozeman, Montana

Driller: J. E. Jones
Address: Bozeman, Montana

Date of Notice of appropriation of groundwater: 3/18/66
Date completed: 3/21/66

Type of well: Drilled
Equipment used: Churn drill

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Coupling</th>
<th>From Footage</th>
<th>To Footage</th>
<th>Perfomance</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>5 1/4 0.6</td>
<td>45'</td>
<td>55'</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 94 feet.
Shutdown Pressure for Flowing Well: 175 feet.
Pumping Water Level: 475 feet at 23 gal per minute.
Discharge in gal. per min. of flowing well: 100 gal per min.

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

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

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

Driller's License Number
Driller's Signature
Notice of Completion of Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Steve Olsson
Address: 702 S Church St
Driller: ME Jones
Address: Bozeman

Date of Notice of Appropriation of Groundwater: May 1, 1963
Date Well Started: May 3, 1963
Date Completed: May 6, 1963

Type of Well: Drilled Equipment Used: (Churn, drill, rotary or other)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Depth of Completed</th>
<th>From Bottom</th>
<th>To Top</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 14 feet
Shut-in Pressure for Flowing Well: 45 feet
Pumping Water Level: 45 feet at 24 gal. per minute.

Discharge in gal. per min. of flowing well: 11 Hour

How Tested: Pump
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 similar pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number
Driller's Signature

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

Please answer all questions. If not applicable, 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 11/5/1945
at 1:15 o'clock p.m.

By

Deputy

Fee $2.50
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** Shirley E. Balliff  
**Address:** 301 M Valley Ave

**Driller:** Harold Fulbert  
**Address:** Route 1, Coun. u

Date of Notice of appropriation of groundwater: March 6, 1968  
Date well started: Date completed: March 16, 1968

**Type of well:** [ ] Drilled  
[ ] Cable tool

**Equipment used:**  
[ ] 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>Depth</th>
<th>Description</th>
<th>Water</th>
<th>perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-2</td>
<td>Soil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2-4</td>
<td>Clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4-16</td>
<td>Clay &amp; rock</td>
<td></td>
<td></td>
</tr>
<tr>
<td>16-22</td>
<td>Sand &amp; Gravel</td>
<td>clay</td>
<td></td>
</tr>
<tr>
<td>22-28</td>
<td>Sand &amp; gravel</td>
<td>water</td>
<td></td>
</tr>
<tr>
<td>28-32</td>
<td>Clay &amp; rock</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32-36</td>
<td>Clay &amp; gravel</td>
<td>water</td>
<td></td>
</tr>
<tr>
<td>36-43</td>
<td>Finer Sands</td>
<td>clay</td>
<td>little water</td>
</tr>
<tr>
<td>43-46</td>
<td>Clay</td>
<td>very little</td>
<td>water</td>
</tr>
<tr>
<td>46-50</td>
<td>Sand &amp; gravel</td>
<td>water</td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>Bottom of well</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

**Shut-in Pressure for Flowing Well**  
36 feet

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

**Pumping Water Level**  
17 feet.

<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>Kinds of Water (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>19 1/2&quot;</td>
<td>2 Above</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6 5/8&quot;</td>
<td>36</td>
<td>None</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**How Tested:** (Filler)  
**Length of Test:** 3 hrs

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

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

**Lot 8, Smith's Tract of Tract 7, Smith Subdiv.**

**Driller's License Number**  
**Driller's Signature**

[Signature]

4/1, 6/1
State of Montana
County of Gallatin

Filed  April 9, 1968
at 11:45 A.M.

Gentry City & Records
By: [Signature]
Fee: [Amount]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. John O'Brien
   (Name of Appropriator)

11 West Main Drive
   (Address)

Bozeman
   (Town)

County of Gallatin
   (County)

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:
   Oct 1, 1961 and continued

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

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

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

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

8. The depth of water table:
   15 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:
   Diameter 3 inches, Screened 4 feet, 38.17 ft. to 45 ft.

10. The estimated amount of groundwater withdrawn each year:
    100,000 gal.

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

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

Signature of Owner: John O'Brien
   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 Appropria-tor.
1466

Earl Walton

Deb 31 1663

[Signature]

By

Earl W.
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 Appraiser] (Address) (Tots)

County of [County] State of [State]

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

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been since: [1956]

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: [1956]

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: [Signature]
Date: [January 3, 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.
Gallatin County, Montana

Filed: January 3, 1964

11:38 A.M.

EARL WALTON
County Clerk & Recorder

Deputy

Cash $2.00 pd...
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: Paul Reedford
Address: 111 N. Valley Ave

Driller: Donald C. Jones
Address: 633 E. Lamar

Date of Notice of Appropriation of Groundwater: Sept. 12, 1963

Date well started: Feb. 14, 1963
Date completed: Feb. 17, 1963

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

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

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

<table>
<thead>
<tr>
<th>Size of Deflected Hole</th>
<th>Size and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 3/8&quot; x 6 3/8&quot;</td>
<td></td>
<td>3'</td>
<td>36'</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 10 feet
Shut-in Pressure for Flowing Well

Pumping Water Level: 35 feet at 35 gal. per minute
Discharge in gal. per min. of flowing well

How Tested: Pump
Length of Test: 1 hr

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

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

Driller's License Number: 17
Driller's Signature: [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 Appropriateor.
State of Montana
County of Gallatin

Filed Nov. 31, 1963
at 4:00 p.m.

Cool. ialian
COUNTY CLERK & RECORDER

Fee $25.00 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
David D. or Katherine
Address
27 Valley Drive
Bozeman, Montana
Date well started
June 12, 1969
completed
June 14, 1969
Type of well
Drilled
Equipment used
Churn Drill
Water Use: Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐
*Describe
USE: If used for irrigation, industrial, drainage or other Explain,
state number of acres and location or other data (i.e. Lot, Block
and Addition).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>Filt. Size</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 6 5/8&quot; RS x above 17&quot; ground</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level 7 ft.
Pumping water level 42 ft.
at 32 gallons per minute,
measured 15 minutes after pumping began.
*Measured from ground level.
Well developed by 3 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

LICENSE NO.

Driller’s Signature

Driller’s Address

Show exact depth of bottom
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. (Names 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:

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

   3. Date or approximate date of earliest beneficial use; and how continuously 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 _____________________________

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.

36057
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Paul E. Smith Of 1023 E. Beech 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. Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Jan. 1, 1954
   Constant use

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   Electric pump - Shallow well jet system

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Oct. 25, 1950 - Finished Dec. 24, 1953

8. The depth of water table 12 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. 18" steel pipe, 6 ft. deep

10. The estimated amount of groundwater withdrawn each year 17,500 c.f.s.

11. The log of formations encountered in the drilling of each well if available. 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: ____________________________
Date: Dec 31, 1953

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Miss. J. A. M. Address: Valley Ave
Driller: A. D. Jones Address: Broadway North

Date of Notice of Appropriation of Groundwater
Type of well: Drilled
Equipment Used: Churn

Water Use: Domestic
Municipal
Stock
Irrigation
Industrial
Drainage
Other

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

<table>
<thead>
<tr>
<th>Size of Drilled</th>
<th>Size and Weight of Casing</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled date</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>6 in.</td>
<td>4-1/2 in. O.D.</td>
<td>1'</td>
<td>4'</td>
<td></td>
</tr>
<tr>
<td>4 in.</td>
<td>4-1/2 in. O.D.</td>
<td>4'</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 in.</td>
<td>4-1/2 in. O.D.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal, per min. of flowing well

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 pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number

Driller's Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
State of Montana
County of Glaetlin

Filed January 25, 1967
at 9:30 a.m.
Carl E. Stack

County Clerk & Recorder
By
Fee $2.00
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Valentine A. Steiner  Address: 308 S. 13th Ave.
Driller: Harold Hubert  Address: Rt 1 Bozeman, Mont.

Date of Notice of appropriation of groundwater: Feb 27, 1969
Date well started: Feb 27, 1969
Date completed: Feb 27, 1969

Type of well: Drilled
Equipment used: Churn
Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Drill</th>
<th>Depth (feet)</th>
<th>To (feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>19 1b</td>
<td>2 above</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>5/32</td>
<td>39 6</td>
<td>none</td>
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<td>0, D</td>
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</tbody>
</table>

Static Water Level for non-flowing well 7 feet
Shut-in Pressure for Flowing Well
Pumping Water Level 21 feet at 30 gal. per minute.
Discharge in gal. per min. of flowing well
How Tested: Pressure & Drawdown
Length of Test

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

Lot 3, Blk 3, Kirk's Subdivision, Bozeman
1/4 Sec. 11 T. 28 R. 5N
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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).

Show exact depth of bottom.

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

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

Driller's License Number
Driller's Signature
State of Montana
County of Gallatin
Filed March 16, 1969
at 13:05 o'clock A.M.

Carl T. Snyder
County Clerk, Recorder
By: Scott A. Wilcox
Deputy
Fee $0.00
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, as indicated in red on the attached form, the date the well construction was started and completed.

Thank you.

Secton
1/8/93

Use: Domestic □ Municipal □ Stock □ Irrigation □ Other □ Garden/Lawn □

*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 Drilled</th>
<th>Size and Weight of Drilling</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORTHIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
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</tr>
</tbody>
</table>

Static water level... 10 ft.*
Pumping water level... 30 ft.*
at 25 gallons per minute, measured minutes after pumping began.
*Measured from ground level.
Well developed by... pump for... hours.
Power... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Lot 8, Elk 4, Western Subdiv.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS .25 ACRES.

Driller's Signature __________________________

Driller's Address: Fette Drilling and Developing

Route 21, Bozeman, Montana

License No. 190

65 ft. Show exact depth of bottom

5/9/28
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: John L. Stookey
Address: 214 N. Western Drive
Bozeman, Montana
Date well started: GW 1

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, number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Use of Well</th>
<th>Use and Type of Casings</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>FLOWS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>A.</td>
<td>10</td>
<td>70</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 10 ft.
Pumping water level: 70 ft.

Pumping test: 35 gallons per minute, measured minutes after pumping began.

*Measured from ground level.
Well developed by [Miller & Pump] for 8 hours.

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

Lot 8, Elk 3, Western Subdiv.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 1 ACRE.

Driller's Signature: Alford J. Potts
Driller's Address: Potts Drilling and Developing

Route 2, Bozeman, Montana
License No.: 150

---

5' 9.29
State of Montana
County of Gallatin

Filed Nov. 17, 1972
at 1:30 o'clock A.M.

Carl J. Stock
Clerk & Recorder

By John W. Bridges
250

Fee $
Code for the State of Montana, please take in order to properly protect your ground-water indicated in red on the attached form, read and completed. thank you.

<table>
<thead>
<tr>
<th>Water Use:</th>
<th>Domestic ☐</th>
<th>Municipal ☐</th>
<th>Stock ☐</th>
<th>Irrigation ☐</th>
</tr>
</thead>
<tbody>
<tr>
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</tr>
<tr>
<td>Describe</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>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).</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Well</td>
<td>of Water</td>
<td>(Feet)</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Static water level 10 ft.
- Pumping water level 20 ft.
- at 25 gallons per minute, measured minutes after pumping begun.
- Measured from ground level.
- Well developed by hours.
- Power Pump HP.
- Remarks: (Gravel packing, cementing, packers, type of shutoff)

Lot 8, Blk 4, Western Subdiv.  
T. 28 N R. 55 E.  
INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature:  
Driller's Address:  
License No:  
Show exact depth of bottom:  
51.92 ft.
Mr. Ken Peterson  
Bozeman, MT 59715

*a Code for the State of Montana, please take in order to properly protect your ground-water as indicated in red on the attached form, carted and completed.
Thank you.

---

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

**Describe**

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

---

**Estimated Annual Withdrawal**

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td></td>
<td>27&quot;</td>
<td>54.110&quot;</td>
<td></td>
</tr>
</tbody>
</table>

**Static water level:** 10 ft.
**Pumping water level:** 30 ft.
**at 25 gallons per minute, measured** minutes after pumping began.

*Measured from ground level, well developed by.*
**Power:** Pump, HPI
**Remarks:** (Gravel packing, cementing, packers, type of shutoff)

**Lot 6, Blk 4, Western Subdiv.**

---

**Indicate Location of Well and Place of Use, If Possible.**

---

**Driller’s Signature:**

---

**Driller’s Address:**

---

**Property Description:**

---

**License No.:**

---

---

---

---
Mr. John L. Stookey  
904 E. Western Drive  
Bozeman, MT 59715

as indicated in red on the attached form,  
started and completed.

Thank you.

---

**Equipment used:**

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

*Describe*

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

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>Pressure (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td></td>
<td>30</td>
<td></td>
</tr>
</tbody>
</table>

- Static water level: 10 ft.
- Pumping water level: 30 ft.
- Measured: 25 gallons per minute.
- Measured: minutes after pumping began.

*Measured from ground level.*

Well developed by: [Insert date]

<table>
<thead>
<tr>
<th>Power</th>
<th>HPS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Lot 8, Blk 4, Western Subdiv.

Driller's Address:

Driller's Signature:

Driller's Signature:

Lot: 50  
Section: 11  
Township: 28  
Range: E  
W

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

Each small square represents 40 acres.

Driller's Signature:

Driller's Address:

License No. 50

---

51.9 ft. Show exact depth of bottom

---
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: John L. Stookey
Address: 312 S. Modern Drive
Bozeman, Montana

Date well started:

Grilled

Type of well:

Equipment used:

cable tool

Water Use:

Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

Describe:

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Zip Code</th>
<th>Ta (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>

Static water level: 10.5 ft.
Pumping water level: 23 ft.
at 25 gallons per minute, measured minutes after pumping began.
*Measured from ground level.
Well developed by 7/1/62. 1 well for 4 hours.
Power Pump: HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Lot 6, Blk 4, Western Subdiv.

Lot G, Blk 4, Western Subdiv.

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

Driller's Signature

Driller's Address

License No.

Show exact depth of bottom

51.927
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner
Address:

Driller
Address:

Date Started:
Date Completed:

Location: Sec. 11, T. 25 N., R. 5 W., 4th NE 1/4

Type of well: (Dug, screened, bored, or drilled)

Equipment used: (Churn drill, rotary, other)

Water use:

Domestic
Municipal
Stock
Irrigation

Industrial
Drainage
Other:

Casing:

ft. to ft.
Type
Size

Casing:

ft. to ft.
Type
Size

Casing:

ft. to ft.
Type
Size

Perforated or Screened:

ft. to ft.

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)
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG
State Engineer

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Equipment Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td></td>
</tr>
<tr>
<td>Municipal</td>
<td></td>
</tr>
<tr>
<td>Stock</td>
<td></td>
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<tr>
<td>Irrigation</td>
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<tr>
<td>Industrial</td>
<td></td>
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<tr>
<td>Drainage</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</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>
</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>17</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Pumping Water Level:</th>
<th>Feet at</th>
<th>gal. per min.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</table>

<table>
<thead>
<tr>
<th>How Tested:</th>
</tr>
</thead>
<tbody>
<tr>
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</table>

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

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