State of Montana  
County of Gallatin  
Filed June 29, 1973  
at 1:34 o'clock P.M.

County Clerk & Recorder  
By:  

Age 20 20
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

Richard W. Nelson
(Address)

County of
State of

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

2. The beneficial use on which the claim is based

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

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

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 The estimated amount of groundwater withdrawn each year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 August 11, 1964
at 2:30 P.M.

EARL WALTON

By

Fee $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)

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

1. 

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

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

   - household use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 6 yrs ago

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

   - electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Aug 2 1960

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 works for the withdrawal of groundwater: 80

10. The estimated amount of groundwater withdrawn each year: 20,000 gal per year

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

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

Signature of Owner: Goldie Norine

Date: 12-27-67

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: Robert & Zella Ridgway

Address: 406 Bogart Place

Bozeman, Montana

Date well started: Feb 9, 1973

completed: Feb 20, 1973

Type of well: Drilled

Equipment used: Cable Tool

Water Use: Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cable</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>17 lb</td>
<td>I above 02</td>
<td>32 ft</td>
<td>5 Inches</td>
</tr>
</tbody>
</table>

Static water level: 12 ft.*
Pumping water level: 15 ft.*
Power: 3 HP
Remarks: (Gravel packing, cementing, packed, type of shut-off)

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

Driller’s Signature: [Signature]

Driller’s Address: Route One Bozeman, Montana

Bulba Drilling, License No. 47

Show exact depth of bottom: 33 ft.
State of Montana
County of Gallatin

Filed: June 23, 1973
at 8:30 o'clock, P.M.

County Clerk & Recorder

By: [Signature]

Deputy
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1968

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

Owner: Elmer Roser
Address: RO1 Benton

Driller: Donald Jones
Address: Benton

Date of Notice of appropriation of groundwater: April 11, 1967
Date well started: April 11, 1967
Date well completed: April 20, 1967
Type of well: Drilled
Type of equipment: Churn Drilling
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 of water-bearing strata and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Depth</th>
<th>Soil Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Top soil</td>
</tr>
<tr>
<td>2</td>
<td>Sand &amp; Gravel</td>
</tr>
<tr>
<td>3</td>
<td>Tight Sand</td>
</tr>
<tr>
<td>4</td>
<td>Gravel</td>
</tr>
<tr>
<td>5</td>
<td>Sand</td>
</tr>
<tr>
<td>6</td>
<td>Sand &amp; Gravel</td>
</tr>
</tbody>
</table>

Show exact depth of bottom.

Static Water Level for non-flowing well: 9 feet
Shut-in Pressure for Flowing Well
Pumping Water Level: 37 feet
Discharge in gal. per min. of flowing well
How Tested: P
Length of Test: 3 Hours
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: 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, 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 | ss.
Filed March 17, 1967
at 5:45 o'clock p.m.
Carl L. Smith
County Clerk & Recorder
By

Fee $2.00
## Water Well Log

**Owner:** Leonard C. Roessler  
**Address:** Route 1, Butte, Montana  
**Date Started:** March 15, 1961  
**Date Completed:** March 15, 1961  
**Location:** Sec. 15 T. 15 R. 5 E 1/4 sec. NW 1/4 SW 1/2 SE 1/4

### Type of Well

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

### Water Use

<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>
</tbody>
</table>

### Casing

<table>
<thead>
<tr>
<th>Casing</th>
<th>0 ft. to 30 ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>steel</td>
<td>6</td>
</tr>
</tbody>
</table>

### Perforated or Screened Casing

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

### Static Water Level

**Static water level, for non-flowing well:** 16 feet.

### Shut-in Pressure

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

### Pumping Water Level

**Pumping water level:** 25 feet at 20 gal. per min. 1 min.

### How Tested

**How tested:** Measured

### Length of Test

**Length of test:** 4 hrs.

### Remarks

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0</td>
<td>To 6</td>
</tr>
<tr>
<td>From 0</td>
<td>To 30</td>
</tr>
</tbody>
</table>
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 257, Montana Session Laws, 1961)

Owner: Peter John Strong, et ux

Route 1, Box 3170

Druiller: Harold Hulbert

Address: Bozeman, Mont

Date of Notice of appropriation of groundwater: April 11, 1959

Date well started: April 14, 1959

Date completed: April 14, 1959

Type of well: Drilled

Equipment used: Churn

(Drill, 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 (Feet)</th>
<th>Total (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>#1</td>
<td>6 5/8</td>
<td>3 above</td>
<td></td>
</tr>
<tr>
<td>#2</td>
<td>18</td>
<td>29</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 9 feet

Shut-in Pressure for Flowing Well

Pumping Water Level: 15 feet at 25 gal. per minute

Discharge in gal. per min. of flowing well

How Tested: Pump & bailer

Length of Test: 1 hr pump

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

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

SK [SE] Sec. 13, T 18 R 28 W

(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

File No. — 1ST T IS T 315

County — Gallatin

Dupli cata

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—1962
State of Montana
County of Gallatin
Filed June 8, 1972 at 14:45 o'clock M.

County Clerk & Recorder

Fee $20.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

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

Owner: Glen & Nabel Sutherland
Address: Rt. 1, Bozeman
Driller: Harold Hulbert
Address: Rt. 1, Bozeman

Date of Notice of appropriation of groundwater: Dec 24, 1969
Date well started: Dec 21, 1969

Type of well: Drilled
Equipment used: Cable tool
(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 Coating</th>
<th>Depth To (Feet)</th>
<th>Depth From (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 5/8</td>
<td>2 above</td>
<td>60 1b</td>
<td>none</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
[ ] feet

Shut-in Pressure for Flowing Well

Pumping Water Level
[ ] feet
at 40 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: Pump
Length of Test: [ ] hr.

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

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

30.2

(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

47480

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, this copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
# 2308

State of Montana
County of Gallatin

Filed  Aug. 9, 1970
at 4:40 P.M. and
Recorded in Book Page

Carl L. Struch
County Clerk & Recorder

By  Lucile C. Wapen
Deputy

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

**STATE OF MONTANA**

**OFFICE OF STATE ENGINEER**

**DEVELOPED AFTER JANUARY 1, 1963**

(Under Chapter 327, Montana Session Laws, 1961)

Glen A. & Havel R.  
Route 1, Box 300 A

Owner: Sutherland  
Address: Bozeman, Montana

Driller: Harold Hulbert  
Address: Route 1, Bozeman

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

Dec 8, 1965  
Date completed: Dec 12, 1965

**Type of well:** Show Drilled  
Equipment used: Churn  
(Date 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 Churn</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>5 5/8</td>
<td>I</td>
<td>29</td>
</tr>
<tr>
<td>0.25</td>
<td>19 1b</td>
<td>above</td>
<td></td>
</tr>
</tbody>
</table>

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

II feet

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

**Pumping Water Level:** 15 feet at 95 gal. per minute.

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

**How Tested:** Pump

**Length of Test:** 2 hrs

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

Driller's Signature: [Signature]
State of Montana
County of Gallatin

Filed Oct. 19, 1966
at 4:30 o'clock P.M.

Carl L. Slocum
County Clerk & Recorder

By

Fee $20.00

Deputy
<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>County</td>
<td>Ballston</td>
</tr>
<tr>
<td>Form No. 18</td>
<td></td>
</tr>
<tr>
<td>T. 15 R. 5 E.</td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td>1882</td>
</tr>
<tr>
<td>Date Completed</td>
<td></td>
</tr>
<tr>
<td>Location:</td>
<td>Sec 15 T. 19 R. 5 E. 1/2 sec.</td>
</tr>
<tr>
<td>Owner</td>
<td>Dale Williams</td>
</tr>
<tr>
<td>Address</td>
<td>At/Bozeman</td>
</tr>
<tr>
<td>Driller</td>
<td>Unknown</td>
</tr>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Water well Log</td>
<td></td>
</tr>
<tr>
<td>Type of well</td>
<td>Dug</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Churn, drill, or drilling</td>
</tr>
<tr>
<td>Water use:</td>
<td>Domestic [✓]</td>
</tr>
<tr>
<td></td>
<td>Municipal [ ]</td>
</tr>
<tr>
<td></td>
<td>Stock [ ]</td>
</tr>
<tr>
<td></td>
<td>Irrigation [✓]</td>
</tr>
<tr>
<td></td>
<td>Industrial [ ]</td>
</tr>
<tr>
<td></td>
<td>Drainage [ ]</td>
</tr>
<tr>
<td></td>
<td>Other [ ]</td>
</tr>
<tr>
<td>Casing:</td>
<td>52 ft. to 187 ft.</td>
</tr>
<tr>
<td></td>
<td>Type Steel</td>
</tr>
<tr>
<td></td>
<td>Size 8”</td>
</tr>
<tr>
<td>Casing:</td>
<td>187 ft. to 330 ft.</td>
</tr>
<tr>
<td></td>
<td>Type</td>
</tr>
<tr>
<td></td>
<td>Size</td>
</tr>
<tr>
<td>Casing:</td>
<td>330 ft. to 412 ft.</td>
</tr>
<tr>
<td></td>
<td>Type</td>
</tr>
<tr>
<td></td>
<td>Size</td>
</tr>
<tr>
<td>Perforated or screened:</td>
<td>141 ft. to 330 ft.</td>
</tr>
<tr>
<td></td>
<td>330 ft. to 412 ft.</td>
</tr>
<tr>
<td>Static water level, for non-flowing well:</td>
<td>172 feet.</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>10 lb./sq. in. on: (date)</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>15 feet average ___________________________ gal. per min.</td>
</tr>
<tr>
<td>How tested:</td>
<td></td>
</tr>
<tr>
<td>Length of test</td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>

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

Water Well Log

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

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

Water use: Domestic [X]  Municipal [ ]  Stock [X]  Irrigation [X]
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)
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. **Harry Carter**, of **Billings**, Montana
   (Address)
   County of **Battmann**, State of **Montana**

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

   2. The beneficial use on which the claim is based: **House use and stock water**

   3. Date or approximate date of earliest beneficial use, and how continuous the use has been: **1945. Continuous**

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): **Approximately 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: **Irregation of yard and garden**

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: **Electric pump with 4-inch casing**

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **1945**

   8. The depth of water table: **Approximately 40 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: **4-inch casing**

   10. The estimated amount of groundwater withdrawn each year: **578,400 gallons per yr**

   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: **Not available**

   **Signature of Owner: Harvey Carter**
   **Date: Dec 18, 1963**

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
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 prepared by driller, and three copies to be filled by the owner and 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: Jim Adams, pg. 1
Address: 1234 Adams St, P.O. Box 567

Date well started: January 1, 1930

Date well completed: January 1, 1930

Type of well: Drilled

Equipment used: (Chis, driven, bored or drilled)

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

Industrial [ ] Drainage [ ] Other [X] Garden/Lawn [X]

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: 2,000,000 gal

<table>
<thead>
<tr>
<th>She of Drilled Hole</th>
<th>Site and Height of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: __________ ft.

Pumping water level: __________ ft.

at __________ gallons per minute measured __________ minutes after pumping began.

*Measured from ground level.

Well developed by

for __________ hours.

Power: __________, Pump: __________ HP

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

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

Each small square represents 40 acres.

Driller's Signature: __________

Driller's Address: __________

---

Top of Ground (Elev. above sea level)

Show exact depth of bottom

47826
State of Montana
County of Gallatin

Filed: April 4, 1970
at 11:30 O'clock A.M.

Mark Talbot
County Clerk & Recorder

By: Nona Hodson
Deputy

Fee: $0.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Devised 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: Albert F. & Harriet H. Delitto
Address: Route 1, Box 256
Belgrade, Montana 59714

Date well started: prior to 1933

Type of well: drilled

Equipment used: (Drill, driven, bored or drilled)

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

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL: 500,000 Gal.

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and Weight of Drilling</th>
<th>Depth</th>
<th>Top (Feet)</th>
<th>PFEUORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 20 ft.
Pumping water level: 46 ft.

at 2 gallons per minute, measured minutes after pumping begun. Based on 24 hr. day.

*Measured from ground level.

Well developed by: for hours.

Power: 3 HP jet Pump.

Remarks: Gravel packing cementing, packers, type of shotoff.

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

EACH SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature:

Driller's Address:

LICENSE NO: 551

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)

**Owner:** K. E. Nelson & N. Nelson
**Address:** Bozeman, Montana

**Driller:** Harold Phifer
**Address:** Loyola, Montana

Date of Notice of appropriation of groundwater: Oct. 6, 1965
Date completed: Oct. 9, 1965

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

**Water Use:** Domestic [X] 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, 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>Site of</th>
<th>Drilled</th>
<th>Water</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>19 lb</td>
<td>4 ( \frac{5}{8} ) above</td>
<td>40</td>
<td>None</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:** 2 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).

**Driller's License Number:**

**Driller's Signature:**

(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, these 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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERS

Declaration of Vested Groundwater Rights
(Under Chapter 327, Montana Session Laws, 1961)

1. Lena Pedder, of Route 1, Manhattan
   (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 and cattle

3. Date or approximate date of earliest beneficial use: Unknown
   and continuous

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

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

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: Unknown

8. The depth of water table: Varies

9. So far as it may be available, the type, size, and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 6 in casing, 40 feet deep

10. The estimated amount of groundwater withdrawn each year: 529,250 gallons

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: No Record

Signature of Owner

Date: December 27, 1962

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

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

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

**1. Name of Appropriate**: Anna Trof

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

**3. Date or approximate date of earliest beneficial use**: February 1950

**4. The amount of groundwater claimed (in miner's inches or gallons per minute)**: 50 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**: 10 acres of farms and land for irrigation.

**6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal**: Electric pumps, both wind and gasoline.

**7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater**: First well drilled in February 1950, second well drilled in September 1950.

**8. The depth of water table**: 18 ft. in summer, 25 ft. in winter

**9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater**: Artesian wells, 20 ft. deep.

**10. The estimated amount of groundwater withdrawn each year**: 1000 gal per day, 365,000 gal per year

**11. The log of formations encountered in the drilling of each well if available**: Sandy loam, clay, 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**: The first well was drilled in 1950, the second well drilled in 1951.

Signature of Owner: Anna Trof
Date: 12-10-53

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  
County of Gallatin  

Filed:  
Dec. 12, 1963  
at 3 o'clock P.M.  

Paul Wallace  
COUNTY CLERK & RECORDER  

By:  
DEPUTY  

Fee $2.00
### Declaration of Vested Groundwater Rights

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

**STATE OF MONTANA**

**ADMIRISOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

**Declaration of Vested Groundwater Rights**

**Name of Appropriator**: Jake Marx

**Address**: Route 1, P.O. Box 39089, Helena, Montana

**Town**: Helena, Montana

**County**: Gallatin

**State**: Montana

**Count 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**: Industrial

2. **Date or approximate date of earliest beneficial use**: Feb 26, 1963

3. **The amount of groundwater claimed (in miner's inches or gallons per minute)**: 400 Gals per day

4. **If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof**: Garden & Lawn - Jake Marx

5. **The means of withdrawing such water from the ground and the location of each well or other means of withdrawal**: Jet Electric

6. **The depth of water table**: 12 Feet

7. **The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater**: Feb 26, 1963 - completed Feb 26, 1963

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**: Casing 6 5/8 OD steel 24' long

10. **The estimated amount of groundwater withdrawn each year**: 146,000 Gals per year

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

   - 3' to 5' Soil
   - 5' to 8' Gravel
   - 8' to 10' Clay and Gravel
   - 10' to 20' Gravel & Water
   - 20' to 26' Gravel, Sand

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

**Signature of Owner**: Jake Marx

**Date**: December 18, 1963

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

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

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

Filed Nov 27, 1963
at 4:00 P.M.

Carl W. Feilen
COUNTY CLERK & RECORDER

By
D U N T

Fee $
# Declaration of Vested Groundwater Rights

**State of Montana**

**Administrator of Groundwater Code**

**Office of State Engineer**

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
<th>County</th>
<th>State of Montana</th>
<th>Date of Appropriation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harvey Carter</td>
<td>Route 1</td>
<td>Bozeman</td>
<td>Gallatin</td>
<td>Montana</td>
<td>1918</td>
</tr>
</tbody>
</table>

1. Harvey Carter of Route 1, Bozeman, Gallatin, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use: 1918, Continued.

4. The amount of groundwater claimed (in millions of gallons per minute): 3 Gallons per minute from two wells.

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 from 4-inch casings in 2 wells.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1918.

8. The depth of water table: 40 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:
   - 4-inch casings 2 wells.

10. The estimated amount of groundwater withdrawn each year: 1,555,200 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: Harvey Carter  
Date: 12/15/63

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

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

Original to the County Clerk and Recorder: Dupliicate to the State Engineer; Tripllicate 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)

I. Fred O. Karrer
   (Name of Appropriator)
   of Route 1, Roseman
   (Address)
   (Town)
   County of
   State of

2. The beneficial use on which the claim is based:
   - domestic and cattle

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   - 1890; used continuously

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

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

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:
   - approximately 1880

8. The depth of water table:
   - 30 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   - 4 inch casing, 60 feet deep

10. The estimated amount of groundwater withdrawn each year:
    - 475,000 gallons

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 references to book and page of any county record:
    - No record

Signature of Owner

Date

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; TriPLICATE to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

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

This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works
are located.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner
Edwin A. Seifert, Jr.
Address Route 1, Belgrade, Montana 59714

Contractor (if any) None
Address of Contractor

Date Started 1953 Date Completed 1958

1. Describe means of obtaining groundwater (as by sub-irrigation,
developed spring, drains, etc.) Developed spring by
gravel pit created about 1953 and spring
filled pond to present depth about 1958

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

3. Depth of water table About 10 feet

4. Use of the water Irrigation

5. Amount of groundwater claimed (in miner's inches or gallons
per minute) 200 miner's inches

6. If used for irrigation, give number of acres and description
of land Irrigation of about 200 acres located in 4% of Section 20, 4% of BW4 and
SE4 of Section 17, Township 1 North of
Range 5 East, M.P.M.

7. Estimate amount of water used each yr 300 acre feet

8. Months of year spring flows 11

Signature of Owner

Date June 27, 1973
NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1972
(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: George C. Babcock
Address: 113 E Catherine
Butte, Montana

Date well started: May 5, 1973
Well depth: 23.0 ft.

Date completed: March 17, 1973

Type of well: Drilled

Equipment used: Cable tool

Water Use: Domestic

Use: Domestic

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

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

Top of Ground
(Ext. above sea level)

<table>
<thead>
<tr>
<th>Depth (Ft)</th>
<th>Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Soil &amp; gravel</td>
</tr>
<tr>
<td>5</td>
<td>Rock &amp; gravel</td>
</tr>
<tr>
<td>14</td>
<td>gravel &amp; rock &amp; clay</td>
</tr>
<tr>
<td>14</td>
<td>gravel &amp; clay</td>
</tr>
<tr>
<td>14</td>
<td>clay &amp; gravel</td>
</tr>
<tr>
<td>14</td>
<td>clay &amp; sand</td>
</tr>
<tr>
<td>14</td>
<td>sand &amp; little water</td>
</tr>
<tr>
<td>14</td>
<td>water</td>
</tr>
</tbody>
</table>

Driller's Signature: ________________
Driller's Address: Route one, Bozeman, Montana

License No. 47

Show exact depth of bottom
State of Montana
County of Gallatin
Filed March 21, 1973
at 1:30 o'clock P.M.

[Signature]

[Signature]

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

B. Allen Bruner & Frances E. Bruner
of Route 1
Bozeman

County of Gallatin
State of Montana

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

2. The beneficial use on which the claim is based: **Household, Garden and Lawn (Approx. One Acre)**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **March 10, 1956**. The use has been continuous.

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): **50 gals. 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: **Approx. One acre of garden and lawn. Track One (1) of Mountain View Subdivision, Gallatin County, Montana**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: **1/2 HP Submerged pump**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **March 10, 1956**.

8. The depth of water table: **59 (Fifty-nine 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: **1/2 HP Submerged pump**

10. The estimated amount of groundwater withdrawn each year: **75,000 (Seventy-five thousand 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: **Van Dyken Drilling Co., Bozeman, Montana**

Signature of Owner

Date: December 23, 1963

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

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

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

Filed December 23, 1963
at 10:05 o'clock A.M.

EARL WALTON
COUNTY CLERK & RECORDER

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

Kenneth R. &
Bosman, Montana

Date of Notice of Appropriation of Groundwater

Owner:

Date well started:

Type of well:

Equipment Used:

Water Use:

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:

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.
<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form No.</td>
<td>18</td>
</tr>
<tr>
<td>8-60</td>
<td></td>
</tr>
<tr>
<td>County</td>
<td>Gallatin</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 21, T. 15, R. 5E, sec. NE/4</td>
</tr>
<tr>
<td>Date Started</td>
<td>1925</td>
</tr>
<tr>
<td>Date Completed</td>
<td>1925</td>
</tr>
<tr>
<td>Owner</td>
<td>Florine A.</td>
</tr>
<tr>
<td>Address</td>
<td>Route 1</td>
</tr>
<tr>
<td>Driller</td>
<td>Van Dyken Drilling Co.</td>
</tr>
<tr>
<td>Address</td>
<td>403 W. 5th St.</td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled</td>
</tr>
<tr>
<td>Water use/Type of screen or perforations</td>
<td>(Domestic)</td>
</tr>
<tr>
<td>Static water level, for non-flowing well</td>
<td>79 ft.</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well</td>
<td>20 lb./sq. in.</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>8 feet at 2.5 gal./min.</td>
</tr>
<tr>
<td>Length of test</td>
<td>1/2 hr.</td>
</tr>
</tbody>
</table>

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>0 6</td>
<td>Limestone</td>
</tr>
<tr>
<td>6 77</td>
<td>Sand sandstone</td>
</tr>
<tr>
<td>77 79</td>
<td>Caliche sand 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 Law 1961)

STATE ENGINEER

1. James E. and/or Ruth E. Lotan of 21
(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 is: domestic water supply.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Nov., 1961, and continuing.

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

   James E. and/or Ruth E. Lotan, Estate 1, Bozeman, Montana.

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

   Town sprinkling and garden only on 0.44 acres.

   Location on Tract 1, Mountain View Subdivision, 10'
   from house, 1/2 h.p. jet pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: date commenced November 9, 1961; date completed 11/15/61.

8. The depth of water table: about 45'

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" wall; about 75' ft. deep.

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

11. The log of formations encountered in the drilling of each well if available from 0 to 75': all sands and gravels (full depth).

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:

   For residence on Tract 1, Mountain View Subdivision; water for household use and lawn and garden sprinkling.

   Signature of Owner: Ruth E. Lotan
   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 April 12, 1962 at 10:00 o'clock P.M.

Earl Hallion
COUNTY CLERK & RECORDER

By: Doe J. Morris
DEPUTY

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

Owner: Robert Nash  Address: Bozeman
Driller: M.E. Jones  Address: Bozeman

Date of Notice of Appropriation of Groundwater:

Date well started:  Sept. 15, 1963  Date Completed: Sept. 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 Drilled Hole</th>
<th>Size and Weight of Cutting</th>
<th>Depth</th>
<th>Static Water Level for non-flowing Well</th>
<th>Shut-in Pressure for Flowing Well</th>
<th>Pumping Water Level</th>
<th>Discharge in gal. per min. of flowing well</th>
<th>How Tested</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>6'</td>
<td>6 5/8 x 17 x 9'</td>
<td>1' above ground</td>
<td>6'</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well 7 feet.
Shut-in Pressure for Flowing Well 70 feet at 6'0 gal. per minute.
Pumping Water Level 70 feet.
Discharge in gal. per min. of flowing well.
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: M.E. Jones
Driller's Signature: M.E. 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 Appropriator.
State of Montana
County of Gallatin

Filed Nov. 4, 1969
at 4:05 o'clock P.M.

P. H. Stocky
County Clerk

[Signature]

Era 5, 1969
Notice of Completion of Groundwater Appropriation
Without Well
Developed After January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 1, 1965
Owner. Robert J. Nash Address R#1, Bozeman, Montana
Contractor (if any) None
Address of Contractor

Date Started July 1, 1965 Date Completed July 20, 1966

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drain, etc.) Developed into a large pond from seepage and springs

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

3) Depth of water table 20 feet

4) Use of the water irrigation and domestic use

5) Amount of groundwater claimed (in miner’s inches, or gallons per minute) 200 miner’s inches (5 cubic feet per second)

6) If used for irrigation, give number of acres and description of land For irrigation of 120 acres in Northwest Quarter of Section 21, Township 1 South of Range 5 East

7) Estimate amount of water used each year 200 inches per 30 days

Signature of Owner

Date July 20, 1966

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. July 20, 1966
at 12:15 o'clock, P.M.

Carl J. Stucky

County Clerk & Recorder

By: Russell V. Nagle
Deputy

Fee $28.00
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: Robert J. Paugh &
Barbara A. Paugh
Address: Route One
Boseman, Mont. 59713

Date well started: July 30, 1973
Completed: June 15, 1973

Type of well: Drilled

Equipment used: Cable tool

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

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL: 500,000 to 1,000,000 Gal.

Top of Ground

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-2</td>
<td>soil</td>
<td></td>
</tr>
<tr>
<td>2-7</td>
<td>clay</td>
<td></td>
</tr>
<tr>
<td>7-10</td>
<td>sand</td>
<td></td>
</tr>
<tr>
<td>10-20</td>
<td>gravel &amp; sand</td>
<td></td>
</tr>
<tr>
<td>20-50</td>
<td>gravel &amp; sand</td>
<td></td>
</tr>
<tr>
<td>50-55</td>
<td>gravel &amp; gravel</td>
<td></td>
</tr>
<tr>
<td>55-60</td>
<td>gravel &amp; gravel</td>
<td></td>
</tr>
<tr>
<td>60-70</td>
<td>gravel &amp; gravel</td>
<td></td>
</tr>
<tr>
<td>70-90</td>
<td>gravel &amp; gravel</td>
<td></td>
</tr>
<tr>
<td>90-96</td>
<td>gravel &amp; gravel</td>
<td></td>
</tr>
</tbody>
</table>

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

Driller's Signature: [Signature]

Driller's Address: Boseman, Mont. 59713

Pull-up LICENSE NO. 47
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: Robert J. Paugh & Barbara A. Paugh
Address: Route One, Bozeman, Mont. 59715

Date well started: May 30, 1975, GW 1: 3:30 p.m.

Date completed: June 15, 1975

Type of well: Drilled

Equipment used:
- Cable tool

Water Use:
- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other
- Gardens/Lawn

Describe:

USE: If used for irrigation, industrial, drainage or other, explain, state number of acres and location or other data (e.g., Lot & Block, Section & Township, Range & Elevation, etc.).

Estimated Annual Withdrawal: 500,000 to 1,000,000 Gals.

Well developed by: Pump & bailer

Power: 1/2 HP

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

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

Driller's Signature: Robert J. Paugh
Driller's Address: Route One, Bozeman, Mont.

Drillers Log

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

Filed: June 17, 1973
at 3:30 P.M.

Cost of Stenopy

County Clerk/Recorder

Date: 7/4/73

Deputy

# 3774
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.

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: K. R. Sandstrom and Sabre T. Sandstrom
Address: U.S. Post Office Box 1
Boseman, Montana 59715

Date well started: March 18, 1973
Date well completed: April 2, 1973

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

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Place of Draw</th>
<th>Feet (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top of Ground</td>
<td>(Over, under, near level)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7th &amp; 6 5/8 2 above</td>
<td>102</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 60 ft.
Pumping water level: 61 ft.
as to 20 gallons per minute measured 30 minutes after pumping began.

*Measured from ground level
Well developed by Bell & pump for 2 pump hours. 2 hr. bailer.
Power: 115 volt, 1/2 HP
Remarks: Gravel packing, cementing, packers, type of shutoff

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

Driller's Signature: Mark. F. Sandstrom

Date of completion: April 2, 1973

[Diagram of well location]
State of Montana
County of Gallatin

Filed April 9, 1973
at 10:20 o'clock A.M.

County Clerk & Recorder

Prepared by

Deputy

200 p. o.