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

<table>
<thead>
<tr>
<th>W</th>
<th>E</th>
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<tbody>
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</tbody>
</table>

2. The beneficial use or 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)

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 The estimated amount of groundwater withdrawn each year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 Appropmtor.
## 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:**

For Administrator's Use

**Date well started:** 7/1/71

**Type of well:** Drilled

**Equipment used:** Cable tools

**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>Diameter</th>
<th>Depth</th>
<th>Flow</th>
<th>Kind</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>0</td>
<td></td>
<td>None</td>
<td></td>
</tr>
</tbody>
</table>

**Static water level:** 63 ft.

**Pumping water level:** 86 ft.

**60 gallons per minute, measured minutes after pumping began.**

*Measured from ground level.*

**Power:** 1 HP

**Remarks:** (Gravel packing, cementing).

**Drill cuttings:** Shutoff outside of casing from 0' to 43'.

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

**Driller's Signature:**

**Driller's Address:** Bozeman, Montana

**LICENSE NO.:** 1

---

**Top of Ground (Elev. above sea level):**

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**0' 2 top rolls.**

**6' 4 above ground.**

**2' 6 clay bound sand and gravels.**

**6' 47' class sand and gravels, very.**

**6' 40.**

---

**COUNTY:***

Montana Water Resources Board

Administrators of Groundwater Code

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
County of Gallatin

Filed Oct 15, 1971
at 3:45 p.m.

By: Allen M. Saregas

Fee $2.00
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.

For Administrator's Use
File
July 16, 1971

GW 1

Owner: L. Terrell & Sam J. Cotterell
2411 Highland Blvd., 1008 E. Babcock
Bozeman, Montana, Montana

Contractor (if any)

Address of Contractor

Date Started Date Completed

1. Describe means of obtaining groundwater (as by sub-irrigation,
developed spring, drains, etc.) Ditch along West Side
of Section 21 T2 So, R5 East

This is a waste water ditch.

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

Ditch or Pump

3. Depth of water table

4. Use of the water Irrigation & Stock

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

6. If used for irrigation, give number of acres and description
of land Ten acres—of Sec 21 T2 So, R5 East

7. Estimate amount of water used each year Stock water
and irrigate acreage twice in summer.

8. Months of year spring flows Water flows in this

Ditch most of April, May, June, July,
August and sometimes Sept.

Signature of Owner

Date

21
# 7985

State of Montana  
County of Gallatin  
Filed July 10, 1971  

Carl J. Stucky  

County Clerk & Recorder  

By:  

Fee $[redacted]
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: Jim Williams
Address: Star Route
Box 56-2
Bosson, Montana

Date well started: Nov. 16, 1973
completed: Nov. 16, 1973

Type of well: drilled

Equipment used: noble 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>Depth</th>
<th>Rate of Flow</th>
<th>Rate of Water Use</th>
<th>Rate of Water Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 ft</td>
<td>17 gpm</td>
<td>42 gpm</td>
<td>42 gpm</td>
</tr>
</tbody>
</table>

PERFORATIONS

<table>
<thead>
<tr>
<th>Depth</th>
<th>Diameter</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 ft</td>
<td>12 in.</td>
<td>12 ft</td>
</tr>
</tbody>
</table>

Static water level: 12 ft
Pumping water level: 22 ft

Pump: [ ]
Power: [ ]

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

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

Driller's Signature: [ ]

Driller's Address: (Driller Drilling and Developing)

License No.: [ ]

Show exact depth of bottom: 61 ft.
State of Montana
County of Gallatin  ss.
Filed  Jan. 10, 1973
at  8:20, o'clock A.M.
Carl J. Stucky
County Clerk, Recorder
By  M. L. Bridger
Dipl.  J. W.  
Fee  $  10
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** B. V. K. Holm

**Address:** 620 M. Tracy

**Driller:** M. F. James

**Address:** 620 M. Tracy

**Date of Notice of Appropriation of Groundwater:**

**Date well started:**

**Date Completed:**

**Type of well:** Drilled

**Equipment Used:** Chuck Drill

**Water Use:** Domestic

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot; x 8 D x 1/2&quot;</td>
<td>39'</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing Well:** 7 feet.

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

**Pumping Water Level:** 39 feet at 20 gal. per minute.

**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)

**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.
### WATER WELL LOG

**Owner**: Delia Ethel Minner  
**Address**: Mullan Gateway  
**Deputy**: Mrs. Ernest Hedley  
**Address**: Irwin, Montana  
**Date Started**: 1913  
**Date Completed**: 1913  
**Location**: Sec. 22, T6S, R2E, sec. 1/2, of NE 1/4

**Type of well**: Dug, filled, and lined  
**Equipment used**: Hand labor  
**Water use**: Domestic [ ]  
**Industrial** [ ]  
**Municipal** [ ]  
**Stock** [ ]  
**Irrigation** [ ]  
**Drainage** [ ]  
**Other**: [ ]

**Casing**: 12 inch Type: [ ] Size: [ ]

**Perforated or Screened**: [ ] to [ ] ft. to [ ] ft.

**Type of screen or perforations**: [ ]

**Static Water level, for non-flowing well**: [ ] feet from surface

**Shut-in pressure, for flowing well**: [ ] lb. min.

**Pumping water level was lowered** [ ] feet at 300 gal. per min.

**How tested**: [ ]  
**Length of test**: Approximately 5 hours during irrigation of yard and garden

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

**During the above test on the irrigation of yard and garden the well was never passed dry**
**WATER WELL LOG**

**Owner:** Callie Ethel Skinner  
**Address:** Gallatin Gateway

**Dug by:** Ernest Reedley  
**Address:** Bozeman, Montana

**Date Started:** 1912  
**Date Completed:** 1913

**Location:** Sec. 22, T. 19 S., R. 5 E., Butte, Montana

**Type of well:** Dug, tilled, and filled  
**Equipment used:** Hand labor

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

**Casing:** 12 inch.  
**Type:** to 12 feet ft.  
**Size:**

**Perforated or Screened:** From [x] to ft.  
**Type:** to ft.

**Type of screen or perforations:** No perforations, water comes in from gravel bottom

**Static Water level, for non-flowing well:** Six feet from surface

**Shut-in pressure, for flowing well:** 12 lbs. per sq. in. (date)

**Pumping water level was not lowered**  
**Height at:** feet at 200 gal. per hour

**How tested:** With electric pump delivering 300 gal per hour

**Length of test:** Approximately 5 hours during irrigation of yard and garden

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

**During the above test on the irrigation of yard and garden the well**

**As never pumped dry**

(over)
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 257, Montana Session Laws, 1961)

Owner: B. H. Skinner
Address: Star Route No. 1, Rossmoor, Montana

Date of Notice of appropriation of groundwater: July 18, 1967
Date completed: July 20, 1967

Type of well: Drilled
Equipment used: Cable tool
Water use: Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □

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

Static Water Level for non-flowing well
Shut-in Pressure for flowing Well
Pumping Water Level (feet)
at 30 gal. per minute.
Discharge in gal. per min. of flowing well

How Tested: Driller
Length of Test: 2 hours
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

[Diagram and data entries transcribed into text]
State of Montana
County of Gallatin

Filed Sept 5, 1967
at 10:30 o'clock P.M.

Carl E. Stock
County Clerk & Recorder

By 
Deputy

The 502nd Day
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** John Smith  
**Address:** 201 Pioneer Ave.  
**Driller:** Donald C. Jones  
**Address:** 201 Pioneer Ave.

**Date of Notice of appropriation of groundwater:** Oct. 16, 1962  
**Date well started:** Oct. 16, 1962  
**Date completed:** Oct. 16, 1962

**Type of well:** Drilled  
**Equipment used:** Chuck 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>Stratum</th>
<th>Depth (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil</td>
<td></td>
</tr>
<tr>
<td>Clay</td>
<td></td>
</tr>
<tr>
<td>Gravel</td>
<td></td>
</tr>
<tr>
<td>Clay</td>
<td></td>
</tr>
<tr>
<td>Gravel</td>
<td></td>
</tr>
<tr>
<td>Clay</td>
<td></td>
</tr>
<tr>
<td>Gravel</td>
<td></td>
</tr>
</tbody>
</table>

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

**Shut-in Pressure for Flowing Well**  
16 psi.

**Pumping Water Level**  
42 ½ feet at 16 gal. per minute.

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

**How Tested:** Pump

**Length of Test:** 48 hrs.

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

**Show exact depth of bottom.**

---

**User:** 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:**
State of Montana  
County of Gallatin  

File: Jan. 22, 1969  
at 1:15, o'clock P.M.  

Carl L. Stucky  
County Clerk & Recorder  

By: Betty Nors Gregg  
Deputy  

Rec'd Feb. 20, 1969
### 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>
</tr>
</thead>
<tbody>
<tr>
<td>Johnson E. or Jane R. Smith</td>
<td>Helena, Montana</td>
<td>Star R</td>
</tr>
</tbody>
</table>

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: domestic and livestock use.

2. Date or approximate date of earliest beneficial use and how continuous the use has been. 1936 used continuously since.

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 500 gal. per min.

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: 10 acres, irrigated by Salthe.

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

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1936.

7. The estimated amount of groundwater withdrawn each year: 75,000 gals.

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

9. 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.

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

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

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

Filed December 20, 1963
at 11:30 o'clock A.M.

   BERYE  WALTZ
COUNTY CLERK & RECORDER

By:  
DEPUTY

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)

1. Shuman L. or Grace L. Smith
   (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 livestock use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been used for livestock: finished in 1952

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 450 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:
   Irrigation contemplated in future

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1930 completed 1932

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:
   Driven well: steel casing starts 10 ft and tailed off at 165 ft.
   and tipped above that depth to around 90 ft.

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

11. The log of formations encountered in the drilling of each well:
    clay and sand formation

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: D. A. Smith
   Date: 12/30/1960

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

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

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

Filed December 20, 1963
at 11:31 a.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)
County of (State of ) 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: domestic, livestock, and irrigation.

2. The date or approximate date of earliest beneficial use; and how continuous the use has been. Well 1, livestock continuously; well 2, domestic, continuously; well 3, livestock, domestic, continuously.

3. The amount of groundwater claimed (in miner's inches or gallons per minute). Well 3: 25 miner's inches.

4. If used for irrigation, the acreage and description of the lands to which water has been applied. Well 2, 20 acres, 1/3 of 1/2 of the S.W. 1/4.

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal (e.g., wells, pumps, etc.). Irrigation by farm ditch from a pond on line 1.

6. The estimated amount of groundwater withdrawn each year. Well 2: 500,000 gallons.

7. The date of commencement and completion of the construction of the well or other works for withdrawal of groundwater. Well 1, June 1, 1930; Well 2, June 1, 1940; Well 3, June 1, 1947.

8. The depth of water table.

9. The type, size and depth of each well or the general specifications of any other works.

10. Such other information 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.
1356

State of Montana
County of Gallatin

This 12-30, 2020, made

M. Earl Miller

Deputy
DECLARATION OF VESTED GROUNDWATER RIGHTS

(under Chapter 237, Montana Session Laws, 1961)

1. Hubert E. and Leone M. Dennis, of Star Route, 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.

      Irrigation and household

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been. I was told it was drilled

      by horse power in 1897 and it has been used daily ever since.

   4. The amount of groundwater claimed (in miner’s inches or gallons per minute). 45 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.

      Being used for lawn, trees, and garden on my place, about one acre

   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...

      1897 and used electric pump first in April 12, 1947

   8. The depth of water table...

      10 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. It has a 8” well casing 49 feet deep.

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

       36,500 gallons per year

   11. The log of formations encountered in the drilling of each well if available. I was told it was

       drilled by John Kelly by horse power in 1897.

   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: Hubert E. Dennis

       Date: December 27, 1963

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

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

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: ___________________________ Address: ___________________________

Driller: ___________________________ Address: ___________________________

Date of Notice of appropriation of groundwater: ___________________________

Date well started: ___________________________ Date completed: ___________________________

Type of well: __________ Equipment used: __________

[Check one]: Drilled, bored or drilled) (Chern drill, rotary or other)

Water use:  
[Check one]: 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>7&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>I9&quot;</td>
<td></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

at ___________________________ gal. per minute.

Discharge in ga. per min. of flowing well

How Tested: ___________________________

Length of Test: ___________________________

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

Driller's License Number

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, threee copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
State of Montana  ss.
County of Gallatin
Filed December 18, 1956
at 11:30 o'clock A.M.

Carl L. Stickley
County Clerk & Recorder

S. B. Dale
Deputy
Form No. 18
S-60

Montana Bureau of Mines and Geology
Butte, Montana

Sec 23; T. 2 South, R. 5 East

Owner: Joseph and Mary Santa
Address: Star Route, Bozeman, Mont

Driller: Not known
Address: 

Date Started: 1923
Date Completed: 1923

Location: Sec. 23 T. 2 South R. 5 East 1/2 sec. NW 1/4 of NW 1/4

Type of well: Drilled
Equipment used: String tools

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

Casing: 39 ft. to 39 ft. Type: Heavy iron
Size: 4 inches

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: 8 feet

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

Pumping water level: feet at 300 gal. per hour

How tested: Irrigation of yard and garden for 10 hours

Length of test: 12 hours

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

DURING THE IRRIGATION OF YARD AND GARDEN FOR FULL DAY PERIODS

well was never pumped dry

(over)
Log of Well

<table>
<thead>
<tr>
<th>Depth (feet)</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>2 feet black loam soil</td>
</tr>
<tr>
<td>80 feet</td>
<td>30 feet 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)

1. Lester J. Kusk
   2505 Sabcock 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 use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   1931 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. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Hand pump
   3:30: 9:30

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   1931

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
   30 ft. drilled 6 inches

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

Date March 13, 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.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner: Harry Miller  Address: Bozeman, Montana
Driller: Bert Van Dyken  Address: Bozeman, Mont.

Date Started: Oct. 1, 1955  Date Completed: Oct. 8, 1955

Location: Sec. 23 T. 5 S. R. 5 W. 1/4 sec. S.W. 1/4 N.E. 1/4

Type of well: Drilled
Equipment used: Churn drill

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

Casing: 40 ft. to 80 ft. Type: Steel  Size: 6 inch

Casing: ____________________________  Type: ____________________________  Size: ____________________________

Casing: ____________________________  Type: ____________________________  Size: ____________________________

Perforated or Screened: Ft. 45 to Ft. ____________________________  Type: ____________________________  Size: ____________________________

Type of screen or perforations: Slotted

Static Water level, for non-flowing well: 25 feet.
Shut-in pressure, for flowing well: ____________________________ lb. sq. in. on: ____________________________ (date)

Pumping water level: 40 feet at ______________ gal. per min.

How tested: ____________________________  by: ____________________________

Length of test: ____________________________  50 minutes

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

____________________________
Gravel packing

____________________________
(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<tr>
<td></td>
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<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Log of Well
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Harry Miller</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Edward Pense</td>
</tr>
<tr>
<td>Date Started</td>
<td>about 1900</td>
</tr>
<tr>
<td>Date Completed</td>
<td>about 1900</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 25 T. 2 S. R. 5 E. 1/4 sec. 5 W. 2 M. 1</td>
</tr>
</tbody>
</table>

Type of well Drug

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

Casing: 15 ft. to 20 ft. Type tile Size 18 inch
Casing: ft. to ft. Type Size
Casing: ft. to ft. Type Size
Perforated or Screened: Ft. to Ft. Ft. to Ft.
Type of screen or perforations:

Static Water level, for non-flowing well: 8 feet.
Shut-in pressure, for flowing well: lb. sq. in. on: (date)
Pumping water level: 10 feet at gal. per min.
How tested: by volume
Length of test: 30 minutes
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

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

Log of Well

State of Montana

Filed __________ 1953

By ________________

[Examiner's signature]
# WATER WELL LOG

**Owner:** Lloyd R. Jones  
**Address:** S.W. B. 7, T. 2 S., R. 52  
**Driller:** M. E. Jones  
**Address:** Helena  
**Date Started:** December 2, 1957  
**Date Completed:** Dec. 11, 1957

**Location:** Sec. 23, T. 2 S., R. 52, 1/4 sec. NW of SW

| Type of well | Drilled (Aug, driven, bored, or drilled) | Equipment used | Churn Drill

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

**Casing:**
- "ft. to " ft. Type [ ] Size [ ]
- "ft. to " ft. Type [ ] Size [ ]
- "ft. to " ft. Type [ ] Size [ ]

**Perforated or Screened:**
- "ft. to " ft. Type [ ] Size [ ]
- "ft. to " ft. Type [ ] Size [ ]

**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>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 - 40 FT</td>
<td>Coarse Gravel</td>
</tr>
<tr>
<td>40 FT - 42 FT</td>
<td>Bed Rock</td>
</tr>
<tr>
<td>42 FT - 44 FT</td>
<td>Fine Gravel</td>
</tr>
</tbody>
</table>

Log of Well
**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lloyd A. Dally</td>
<td>Bozeman, Montana</td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Location: Sec. 31, T. 2 S., R. 5 W., 4th of N.E. 1/4</th>
</tr>
</thead>
</table>

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

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

Casing:
- 0 ft. to 15 ft. Type: | Size: |
- 15 ft. to 30 ft. Type: | Size: |
- 30 ft. to 60 ft. Type: | Size: |
- 60 ft. to 90 ft. Type: | Size: |
- 90 ft. to 120 ft. Type: | Size: |
- 120 ft. to 150 ft. Type: | Size: |
- 150 ft. to 180 ft. Type: | Size: |

Perforated or Screened: 0 ft. to 15 ft. Ft. to 30 ft. 30 ft. to 60 ft. 60 ft. to 90 ft. 90 ft. to 120 ft. 120 ft. to 150 ft. 150 ft. to 180 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 | 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>County</th>
<th>Date</th>
<th>Lot</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carter</td>
<td>Dec 12, 1971</td>
<td>30</td>
<td>5 ac</td>
</tr>
</tbody>
</table>

Signed by:

Curt Walton

W. H. Register

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

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

Fred M., W. Boyd and Paul F. Boylan

1. By Paul F. Boylan

(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:

A. 5 wells
B. 2 springs

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

livestock, water and irrigation

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

Fig. 1, 1943 - Fig. 2, 1920
Fig. 3, 1946, Fig. 4, 1958, Fig. 5, 1938

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Fig. 1, household irrigation
Fig. 2, livestock, Fig. 3, livestock, Fig. 4, milk, plant & livestock, Fig. 5, livestock.

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

Fig. 1, for lawn and garden, springs sub-irrigate adjacent land of claimant & are used for stock water and surface irrigation.

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

Fig. 1, 2, 3, 4, 5 withdrawn by pumps

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

Fig. 1, 1943 Fig. 2, 1920 Fig. 3, 1946 Fig. 4, 1958 Fig. 5, 1939

8. The depth of water table ___________

5 or 6 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

Fig. 1 depth 80 feet, 6 inch casing, drilled
Fig. 2 depth 14 feet, 12 inch dug well
Fig. 3 depth 14 feet x 6 x 6 foot dug sump
Fig. 4 depth 57 feet, 6 inch casing, drilled
Fig. 5 depth 20 feet, 6 inch casing, drilled.

10. The estimated amount of groundwater withdrawn each year

not available

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 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 Appropriate.
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 J. BOYLAN, of Star Route Bozeman

2. County of Gallatin

3. The beneficial use on which the claim is based - home and irrigation - stock water.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 20 miner's inches for well; 80 miner's inches for springs.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and the general specifications of all irrigation works for the withdrawal of groundwater. Springs are appurtenant to farm and have always been used therewith.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: natural flow from springs for irrigation, electric pump, and motor from well.

7. The date of commencement and completion of the construction of the well: 1915 electric pump installed in artesian well. Springs are appurtenant to farm and have always been used therewith.

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: 43 feet deep and 12 inch casing in well.

9. The depth of water table...

10. The estimated amount of groundwater withdrawn each year from well and springs: 100 inches miner's measurement.

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

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

Date December 31, 1963

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.
Form No. 18
S-60

T. 2 S R. 5 E
County Gallatin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Robert F. B. Oline
Address: 318, Bozeman, Mont.

Driller: Unknown
Address: Unknown

Date Started: 1-31-1931 or 1-22-1932
Date Completed: 1932 or 197

Location: Sec. 11, T. 2 S R. 5 E 1 sec. 60 acres

<table>
<thead>
<tr>
<th>Type of Well Drilled</th>
<th>Equipment Used</th>
<th>Cable Tools</th>
</tr>
</thead>
<tbody>
<tr>
<td>( dug, driven, bored, or drilled)</td>
<td>(chain, drill, rotary, other)</td>
<td></td>
</tr>
</tbody>
</table>

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

Casing: [ ] ft. to [ ] ft. Type [ ] Size 6 in.

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: Five feet.

Shut-in pressure, for flowing well: None lb./sq. in. on: (date)

Pumping water level 1 ft. at 20 gal. per min.

How tested: [ ]

Length of test: [ ]

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

(over)
Form No. 18

<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>Charles E. Cline</td>
<td>1, Bozeman, Mont.</td>
<td>Robert Hicks</td>
<td></td>
<td>1911 or 1912</td>
<td>1911 or 1912</td>
</tr>
</tbody>
</table>

Location: Sec. 2 T. 2 S R. 5 E sec. 80 acre

Type of well: Drilled

Equipment used: Cable Tools (drill, drill, rotary, other)

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

Industrial [ ] Drainage [ ] Other [ ]

Casing: 0 ft. to 30 ft. Type: Steel Size: 6 in.

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: None

Static Water level, for non-flowing well: 50 feet.

Shut-in pressure, for flowing well: None 1b./sq. in. on: ______

Pumping water level: 15 feet at 20 gal. per min.

How tested: Electric

Length of test: ______

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

None

(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></td>
<td>0</td>
<td>5</td>
<td>Top well - grey clay</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>30</td>
<td>Sand - clay</td>
</tr>
</tbody>
</table>
## 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></td>
<td>0</td>
<td>5</td>
<td>Top Soil and Clay</td>
</tr>
<tr>
<td></td>
<td>5</td>
<td>30</td>
<td>Sand and gravel</td>
</tr>
</tbody>
</table>
### WATER WELL LOG

**Owner:** H. Bliss, Box 238, Bozeman.  
**Address:**  
**Driller:** R. Ellis.  
**Address:** Bozeman.  
**Date Started:**  
**Date Completed:**  
**Location:** Sec 6, T 25, R 5 E,  
**Type of well:** Drain.  
**Equipment used:**  
**Water use:** Domestic [X], Municipal [], Stock [], Irrigation [X].  
**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>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner:</th>
<th>Harris - Ellison</th>
<th>Address: Butte, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller:</td>
<td>Bert L. Diekel</td>
<td>Address: 603 West Main</td>
</tr>
<tr>
<td>Date Started:</td>
<td>June 1954</td>
<td>Date Completed: June 1954</td>
</tr>
<tr>
<td>Location:</td>
<td>Sec. 34, T. S., R. 14, sec. S. 5, R. H.</td>
<td></td>
</tr>
</tbody>
</table>

**Type of well:** Drilled

**Equipment used:** Electric

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

**Casing:**
- Depth: 75 ft. to 150 ft.
- Type: Iron
- Size: 4"

**Casing:**
- Depth: 150 ft. to 200 ft.
- Type: Iron
- Size: 4"

**Casing:**
- Depth: 200 ft. to 250 ft.
- Type: Iron
- Size: 4"

**Perforated or Screened:**
- Depth: 150 ft. to 200 ft.
- Size: 4"
- Type: Iron

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

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

**Pumping water level:**
- 75 ft.
- feet at 2:00 p.m.
- gal. per min.

**How tested:** Surveyed drilled well

**Length of test:**
- 24 hours

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

---

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>FROM</td>
<td>BLACK LAVA, LAKE, GRAVEL</td>
</tr>
</tbody>
</table>

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

Owner                     Address: 2303 S. 3rd
Driller: Harold Hubert
Address: Route 1, Roseman

Date well started: Nov 9, 1965  Date completed: Nov 11, 1965

Type of well: Drilled  Equipment used: Churn
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)
Water use: Domestic □ Municipal □ Stock □ Irrigation □
Industrial □ Drainage □ Other □

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>6 5/8 O.D.</td>
<td>17 10</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level 24 feet at 20 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 shutoff)

Indicate location of well and place of test, if possible. Each small square represents 40 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, tissue copy to be retained by driller.

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

Driller's License Number
Driller's Signature

34444
COUNTY COURT Register

Filed: Nov. 10

at 12:05 p.m.

G. K. Terry
COUNTY CLERK 

Deputy

Fee $25.00
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

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

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

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

**Owner**

**Address**

Date well started ______________________ Date well completed ________________

**Type of well** (Drill, driven, bored or drilled)

**Equipment used** (Churn drill, rotary or other)

**Water Use**
- Domestic □
- Municipal □
- Industrial □
- Irrigation □
- 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).
- For... Use... at... 2311... 5... Acre

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Depth of Drilling</th>
<th>From (Foot)</th>
<th>To (Foot)</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... gpm... gallons per minute, measured... ft. 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 ______________________

**LICENSE NO.**

**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.
$ 3,771

State of Montana
County of Gallatin

February 19, 1973
10:45 AM

Carl S. Stickley

County Clerk & Recorder

By: John M. Bridges

Fee: $ 1.00
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Bob Brown
   (Name of Appropriator)
   1234 Main St.
   (Address)
   Helena, Montana
   (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

   3. Date or approximate date of earliest beneficial use and how continuous the use has been since then:
   Since Constant Irrigation
   Annual Average

   4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   12 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:
   200 acres

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   Aug 20, 1963

   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:
   200 ft

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

   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: Aug 25, 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 Aug 31, 1963
at 11:55 o'clock A.M.

Earl Wallen
COUNTY CLERK & RECORDER

By John J. Morrow

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

*DEVELOPED AFTER JANUARY 1, 1962*

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** BOB BRAUN  
Address: BOZEMAN, MONT.

**Driller:** JAN DYKEND DRILLING CO  
Address: BOZEMAN, MONT.

Date of Notice of appropriation of groundwater:  
Date well started: 9/30/70  
Date completed: 10/2/70

Type of well: Drilled  
Equipment used: cable tools.

Water use: Domestic  
Municipal  
Stock  
Irrigation

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

<table>
<thead>
<tr>
<th>Depth</th>
<th>Material</th>
<th>Water Level</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>6'</td>
<td>6 5/8&quot; ft.</td>
<td>47'</td>
<td>none</td>
</tr>
<tr>
<td>17'</td>
<td>Prime steel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1&quot;</td>
<td>Tensioned</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well: 5' feet.**

**Shut-in Pressure for flowing well:** none

**Pumping Water Level:** 27' feet at 25 gal. per minute.

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

**How Tested:** Boiler

**Length of Test:** 1 hr.

**Remarks:** (Gravel packing, cementing, packers, type of shaft, drill cuttings)

**Shut-off outside of casing:** Full depth.

**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.

---

**License No.1**

Driller's License Number: 5/162

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, one copy to be retained by driller.*

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

---

**Top of Ground**

(Elev. above sea level: ______)
State of Montana
County of Gallatin

Filed: August 14, 1977
at 9:00 o'clock A.M.

Carl L. Steck
County Clerk & Recorder

By: TUSCIA BRIDGES
Deputy

Fee $7.00
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: 
Address: 

Driller: 
Address: 

Date of Notice of Appropriation of Groundwater: 

Date well started: 
Date Completed: 

Type of well: 
Equipment Used: 

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</th>
<th>Size and</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled Hole</td>
<td>Weight of Casting</td>
<td>(Feet)</td>
<td>(Feet)</td>
<td>Kind</td>
</tr>
<tr>
<td>7</td>
<td>6 x 0.001</td>
<td>18.87</td>
<td>24.6</td>
<td>8 x 0.004</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 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.

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.