## Montana Bureau of Mines and Geology

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner:</th>
<th>David B. Barham</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address:</td>
<td>Hamilton Heights Rd</td>
</tr>
<tr>
<td>Driller:</td>
<td></td>
</tr>
<tr>
<td>Address:</td>
<td></td>
</tr>
<tr>
<td>Date Started:</td>
<td>Approx. 1910</td>
</tr>
<tr>
<td>Date Completed:</td>
<td></td>
</tr>
<tr>
<td>Location:</td>
<td>Sec. 13, T6N R20W</td>
</tr>
</tbody>
</table>

### Type of well
- Drilled
- Equipment used: Rotary

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

### Casing
- 140 ft. to ft. Type Iron Size 4"
- ft. to ft. Type Size
- ft. to ft. Type Size

### Perforated or Screened
- Ft. to Ft. Ft. to Ft. Ft. to Ft.

### Type of screen or perforations
- [ ]

### Static Water level, for non-flowing well
- 100 feet.

### Shut-in pressure, for flowing well
- 80 lb./sq. in. on: 11/16/51 (date)

### Pumping water level
- 120 feet at 25 gal. per min.

### How tested
- 1 HP Submersible Pump

### Length of test
- 1 hour

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

(over)
**STATE OF MONTANA**
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

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

**Owner:** John Smith  
**Address:** Bozeman, MT

**Driller:** William Anderson  
**Address:** Box 356, Bozeman, MT

**Date of Notice of appropriation of groundwater:** Jan 1, 1970
**Date well started:** Jul 23, 1970  
**Date completed:** Jul 28, 1970

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

**Water use:** Domestic X  
Municipal X  
Stock □  
Irrigation □

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

<table>
<thead>
<tr>
<th>Strata</th>
<th>Depth (Feet)</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil</td>
<td>0-10</td>
<td>Fine</td>
</tr>
<tr>
<td>Clay</td>
<td>10-20</td>
<td>Dense</td>
</tr>
<tr>
<td>Shale</td>
<td>20-30</td>
<td>Laminated</td>
</tr>
<tr>
<td>Gravel</td>
<td>30-40</td>
<td>Angular</td>
</tr>
<tr>
<td>Rock</td>
<td>40-50</td>
<td>Jointed</td>
</tr>
<tr>
<td>Sand</td>
<td>50-60</td>
<td>Medium</td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well:** 35 feet
**Shut-in Pressure for Flowing Well:** 100 psi
**Pumping Water Level:** 70 feet
**at:** 10 gal. per minute
**Discharge in gal. per min. of flowing well:** 100

**How Tested:** 100 psi
**Length of Test:** 1 hour

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

**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, with a fourth 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:** 33  
**Driller's Signature:** William Anderson  
**Date:** 6/28/4
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: William Fringel, Address: Hamilton, Mont.

Date of Notice of appropriation of groundwater:

Date well started: Nov 10, 69 Date completed: Nov 20, 69

Type of well: Drilled Equipment used: Churn drill

Water use: Domestic 
Municipal 
Stock 
Irrigation 
Industrial 
Drainage 
Other

Indicate on the diagram the character and thickness of the different strata 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>Depth of Hole</th>
<th>From (Feet)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 in</td>
<td>250 feet</td>
<td>0</td>
<td>180</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)

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

Show exact depth of bottom.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

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.

Owner's Signature: William Fringel

Driller's License Number: 45-901

Driller's Signature: William Anderson

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).

County: Revelli

Duplicate

NOV 25 1969
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. George Frost, or Monte

County of {Your County} State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

2. The beneficial use on which the claim is based: household, stockwater in winter, lawn

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 8,000 gal per

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 (small far (owner)

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: 1960

8. The depth of water table: 135 ft deep, 54 ft to water = 81 ft of water

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, 135 ft deep

10. The estimated amount of groundwater withdrawn each year: approx 500 gal a day

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: George Frost
Date: 12-30-49 1965

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropnator.
MEMORANDUM FROM
F. G. MOORE, CLERK AND RECORDER
RAVALLI COUNTY, HAMILTON, MONTANA

To: Butler School of Mines

Butte, Mont.

SUBJECT: Water Well File

Dear Sir:

One water well file #4705 (Ravalli-4) please change the description of land to SE 1/4 instead of SE 1/4.

Thank you.

F. G. Moore

King East

#241-6W 4

12/3/65
**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**  Marvin Cox

**Address**  Hamilton, Montana

**File**  S464

**Date filed**  July 25, 1971

**Date well started**  April 13, 1971

**Date completed**  April 15, 1971

**Type of well**  Drilled

**Equipment used**  Churn Drill

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

**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**  unknown

**PERFORATIONS**

<table>
<thead>
<tr>
<th>File</th>
<th>Kinds of Hole</th>
<th>Feet (From)</th>
<th>Feet (To)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/16x5</td>
<td>63</td>
<td>73</td>
<td></td>
</tr>
</tbody>
</table>

**Static water level**  20 ft.

**Pumping water level**  6 ft.

*Measured from ground level.

**Well developed by**  drilling  &  for  4 hours, pumping

**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.**

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

**Driller's Signature**  BAVALI DRILLING CO.

**Driller's Address**  Box 27, Victor, Montana

**LICENSE NO.**  206

**County**  Ravalli

**Top of Ground**  (feet above sea level)

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Topsoil</td>
</tr>
<tr>
<td>1</td>
<td>Sand, Gravel, Clay mix  Tight pressed</td>
</tr>
<tr>
<td>20</td>
<td>Sedimentary rock-soft</td>
</tr>
<tr>
<td>36</td>
<td>Intermittent layers  Tight pressed</td>
</tr>
<tr>
<td>51</td>
<td>Sand, Gravel, Some clay Water bearing</td>
</tr>
</tbody>
</table>

**Show exact depth of bottom**  73
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] of [Address] (Town)

County of [County] State of [State]

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

2. The beneficial use on which the claim is based: [Irrigation, Livestock, Domestic, etc.]

3. Date or approximate date of earliest beneficial use; and how continuous the use has been [Date: 1912]

4. The amount of groundwater claimed (in miner's inches or gallons per minute) [30 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 [Farm name and land description]

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater [Date: 1913]

8. The depth of water table [21']

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 [Well specifications]

10. The estimated amount of groundwater withdrawn each year [2,000,000]

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

Signature of Owner [Signature]

Date [Date]

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

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

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

DECLARATION OF VESTED GROUNDWATER RIGHTS: 1964
(Under Chapter 237, Montana Session Laws, 1961)

1. 

Deborah Morrison, of Ravalli, Montana,
(Name of Appropriaor) (Address) (Town)
County of Ravalli, 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. Stock water

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

3. Date or approximate date of earliest beneficial use and how continuous the use has been. Since 1962

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

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

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

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: Deborah Morrison
Date: 12/3/1963

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 School of Mines and Quadruplicate for the Appropriator.
I certify that I received and filed this instrument on this 21st day of June, 1951.

F. E. Moore
Deputy Recorder

By: Shirley Smith
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

Leonard M. Mitchell, of Ravalli
(Row) (Town)
County of Ravalli, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner
Date

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER RIGHTS
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws 1961)

1. Leonard Darskiy, of 400 Main St., Hamilton.
   (Name of Appropriator) (Address) (Town)
   County of Ravalli, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Until 1962.

4. The amount of groundwater claimed (in miner’s inches or gallons per minute). 260.

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: 1/10/62.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines 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 C.C. or Chas PAYNE
Address 507 Cooper Ave File 5906
Hamilton 1/16, 17. T. 189.18. Sec. 11
Date well started 5/15/73
completed 5/11/73

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

*Describe: Owner used for
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: 6 gal per min.

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>R x</th>
<th>H x</th>
<th>Holes</th>
<th>Depth of Well</th>
<th>Dia</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.25</td>
<td>17</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level = 50 ft.
Pumping water level = 100 ft.
measured 100 minutes after pumping began.

*Measured from ground level.

Well developed by: for 1 hours.

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

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

Driller’s Signature Howard Lander
Driller’s Address 1 W 1 Sec 11 Bl 11

Show exact depth of bottom

53.21
I certify that I received and paid off instrument on this 17th day of May 1923 at 11:15 o'clock A.M.

[Signature]

[Receivers]

[Date: 1923]
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>#</th>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
<th>County</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>George H. or Ruth E. Messer</td>
<td>R. R. #1 Corvallis</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

1. **Point of Appropriation**
   
   NE ½ 14 Sec. 6N. T.20N R.4E
   
   Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1898. Continuously used.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 900 Gallons per minute.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1898.

8. The depth of water table: 24 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: Dug well, 24 Feet X 4 Feet; 24 Feet deep.

10. The estimated amount of groundwater withdrawn each year: 40,000 Gallons Approximately.

11. The log of formations encountered in the drilling of each well if available: Dug well not drilled, Clay...
    
    Sub-Soil

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

---

Signature of Owner: [Signature]

Date: [Date]

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; TriPLICATE to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
I certify that I received and filed this instrument on the 31st day of Dec., 1963, at 11:35 A.M.

[Signature]

County Recorder

[Signature]

Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

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

Owner: Robert Snowbird
Address: 817 S 6th St
Hammonton, Montana
Date well started: November 1970
completed: July 1971

Type of well: Sand
Equipment used: Shovel
Water Use: Domestic
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: 150,000 gpd

Top of Ground (Dev. above sea level)

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<tr>
<td></td>
<td></td>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Kind</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
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<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 0 ft
Pumping water level: 0 ft
or: 8 gallons per minute, measured 15 minutes after pumping began.

*Measured from ground level.
Well developed by 7 15 71
Packed: Y
HP: 1
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.

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

LICENSE NO: 48437

Show exact depth of bottom.
I certify that I received and filed this instrument on this 6th day of May, 1971, at 1:45 o'clock P.M.

F. G. Moore
COUNTY RECORDER

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

(Under Chapter 237, Montana Session Laws, 1961)

Claris R. Glidewell and Dorothy Glidewell, his wife

Owner

Address Corvallis, Mont.

Date of Notice of Appropriation of Groundwater: June 28, 1973

Date well started: 1936 Date Completed: 1936

Type of well: dug Equipment Used: shovel

(dug, driven, bored or (Churn, drill, rotary or drilled)

Water Use: Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐ Garden/lawn ☐

"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 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>4 ft.</td>
<td>rocked up and cemented</td>
<td>0</td>
<td>30</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 12 feet.

Shut-in Pressure for Flowing Well: 25

Pumping Water Level: 12 feet at 220 gal. per minute.

Discharge in gal, per min. of flowing well: 22

How Tested: pumped Length of Test: 30 min

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)

Power: electric Pump - 1/2 hp

Show exact depth of bottom.

Driller's Signature

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

Claris R. Gildewell and Dorothy Gildewell, his wife

Ravalli County

Top of Ground
(Elev. above sea level 3400)

1'-14' fine silt loam
14'-16' hard clay
16'-20' Water strata of fine gravel

Date of Notice of Appropriation of Groundwater  June 28, 1973

Date well started 1946
Date Completed 1946

Type of well dug
Equipment Used Shovel
(dug, driven, bored or drilled)

Water Use: Domestic ( ) Municipal ( ) Stock ( ) Irrigation ( )
Industrial ( ) Drainage ( ) Other ( )

Type of Shut-off: (Gravel packing, cementing, packers, type of shut-off...
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 Signature

Driller's License Number

Shut-in Pressure for Flowing Well

Pumping Water Level 12 feet at 220 gal. per minute.

Discharge in gal., per min. of flowing well

How Tested Pumped Length of Test 30 min

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

Power: electric pump 1/2 hp

No. of x 20 Dug holes

<table>
<thead>
<tr>
<th>Size of</th>
<th>Weight of</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>18&quot;</td>
<td>dement</td>
<td>0</td>
<td>20</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well 12 feet.

Show exact depth of bottom

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

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

5553
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

1. (Name of Appropriator) (Address) ___________________________ (Town) ___________________________

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

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

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

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

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

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

8. The depth of water table ___________________________

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

10. The estimated amount of groundwater withdrawn each year ___________________________

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

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

Signature of Owner ___________________________
Date ___________________________

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

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

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

*Under Chapter 237, Montana Session Laws, 1961*

1. **Name of Appropriator**: 
2. **Address**: 
3. **Town**: 
4. **County**: 
5. **State**: 

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

<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:**

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

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

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

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

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

**8. The depth of water table:**

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

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

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

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

---

Signature of Owner: ____________________________

Date: ____________________________

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
I certify that I received and filed this
instrument on this 29th

day of Jan. 1964, at 4:55

p.m.

F. T. Moore  
COUNTY RECORDER
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Martin E. Kuller
   (Name of Appropriator)
   Corvallis, Montana
   (Town)

County of, Corvallis
   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:
   Haushalt and stock

3. Date or approximate date of earliest beneficial use and how continuous the use has been:
   1952-1957, Continuous use

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

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:
   Water used for irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   July 10, 1957

8. The depth of water table:
   Four 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:
   Ground dug 31', avg. 31', by 71' (approx.)

10. The estimated amount of groundwater withdrawn each year:
    73,000 gal.

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

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.
STATE OF MONTANA,

County of ........................................

having first been duly sworn, depose........

and say............that...........he...........of lawful age and...............the
appropriator.............and claimant...........of the order and water right mentioned in the
foregoing declaration of vested groundwater rights and the person...............whose name
..............................subscribed thereto, as the appropriator............and claimant.............
that...........he...........know...........the contents of said foregoing notice and that the matters
and things therein stated are true.

..............................................

Subscribed and sworn to before me, this ..............day of .............., 19........

..............................................

Notary Public for the State of Montana.

Residing at........................................

My Commission expires.............., 19........

I certify that I received and filed this
instrument on the...........day of............Dec.--.................at...........P.M.-...........

P. G. Moore

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

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Dec. 31, 1963
Owner: Martin E. Muller
Address: C.M. Hall, Mont.
Contractor (if any) none
Address of Contractor
Date Started unknown Date Completed unknown
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable... natural spring...

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use...

stock water...used all year around, daily...

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

Signature of Owner: Martin E. Muller
Date: 12-31-63

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Dec. 31, 1963

Owner: Martin E. Muller
Address: 2222, Mont.

Contractor (if any): unknown
Address of Contractor: unknown

Date Started: unknown
Date Completed: unknown

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use.

Stock water, used all year around, daily.

Signature of Owner: Martin E. Muller
Date: 12-31-63

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropiator.
I certify that I received and filed this instrument on this 31st day of Dec., 1962, at 12:49 o'clock P.M.

P. G. Moore
County Recorder

[Signature]

Shirley Keitel
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>File #</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Redacted]</td>
<td>Hamilton, Montana</td>
<td>55590</td>
</tr>
</tbody>
</table>

Date well started: 3/30/72

Equipment used: 6 inch drill, lateral or derrick

Water Use: Domestic X Municipal Stock Irrigation

*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: 10 gallons per minute

<table>
<thead>
<tr>
<th>Size of Hole</th>
<th>Type of Well</th>
<th>Depth</th>
<th>Diameter</th>
<th>-kind</th>
<th>Length</th>
<th>Flow Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 inch</td>
<td>Drilled</td>
<td>17 lbs. per ft.</td>
<td>0</td>
<td>77</td>
<td>3/16x5</td>
<td>67</td>
</tr>
</tbody>
</table>

Static water level: 45 ft.
Pumping water level: 73 ft.

*Measured from ground level.

Well developed by bailin' for 0 hours.

Power: 5 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: Charles Wagle, Sr.

Driller's Address: 27 Victor, Montana 59075

LICENSE NO. 200

Top of Ground (Enter above sea level)

<table>
<thead>
<tr>
<th>Layer</th>
<th>Depth</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>opsll</td>
</tr>
<tr>
<td>1</td>
<td>Sand, Gravel &amp; Boulders</td>
</tr>
<tr>
<td>2</td>
<td>Clay</td>
</tr>
<tr>
<td>3</td>
<td>Intermittent sand, gravel, and clay, water bearing</td>
</tr>
</tbody>
</table>

77 ft. Show exact depth of bottom

50/158
As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

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

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

3. Depth of water table 3 ft. C.R.T.

4. Use of the water irrigation and other useful beneficial purposes

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 48 miner's inches (all from the springs)

6. If used for irrigation, give number of acres and description of land 24 acres - 1/4 SW 1/4 NE 1/4 Sec 6

7. Estimate amount of water used each year

8. Months of year spring flows 12

Signature of Owner Robert M. Biedenberg
Date July 7, 59.72
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

Owner: Robert M. Bielenberg
Address: Box 708, Hamilton, Mont.
Contractor (if any): None
Address of Contractor: ____________________________
Date Started: ____________ Date Completed: ____________

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

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

3. Depth of water table
   ____________________________
   ____________________________
   ____________________________

4. Use of the water
   irrigation and other useful beneficial purposes
   ____________________________
   ____________________________
   ____________________________

5. Amount of groundwater claimed (in miner's inches or gallons per minute) from the springs
   ____________________________
   ____________________________
   ____________________________

6. If used for irrigation, give number of acres and description of land
   ____________________________
   ____________________________
   ____________________________

7. Estimate amount of water used each year
   ____________________________
   ____________________________
   ____________________________

8. Months of year spring flows

Signature of Owner: ____________________________
Date: ____________

Indicate point of appropriation and place of use, if possible.
Elevation of spring, if known or estimated

Signature of Owner: ____________________________
Date: ____________
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Jack Temple
Address: Hamilton, Mont

Driller: Bill Anderson
Address: Hamilton, Mont

Date of Notice of Appropriation of Groundwater: July 20, 1965
Date Completed: Dec. 31, 1965

Type of well: Drilled
Equipment Used: Churn drill

Water Use: Domestic (X) Municipal ( ) Stock ( ) Irrigation ( )
Industrial ( ) Drainage ( ) Other ( )

Equipment and Materials Used: Gravel packing, cementing, packers, other

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

<table>
<thead>
<tr>
<th>Strata Size</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 ft</td>
<td>10.79</td>
<td>16.79</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 17 feet
 Shut-in Pressure for Flowing Well: 10 psi
 Pumping Water Level: 18 feet
 Discharge in gal. per min. of flowing well: 29 gal.
 How Tested: Discharge Pump
 Length of Test: 24 h

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

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

Driller’s License Number: Bill Anderson
Driller’s Signature: Bill Anderson

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines; and quadruplicate for the Appropriator.
I certify that I received instrument on this date.

[Signature]

[Date]
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<tr>
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<td>16</td>
<td>Door, Bill</td>
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<td>Zlock, Homer</td>
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<td>Zlock, Keith</td>
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Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

John H. Fmhammer, Route 2, Box 199, Hamilton, Montana

County of Ravalli, 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: Irrigating, lawn, stockwater, and household use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: About 1920 and use has been continuous since then.

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

5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof: About 1/2 acre of garden and lawn near house. Owned by John H. Fmhammer.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: A deep well located about 10 ft. north of house.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: About 1920.

8. The depth of water table: About 50 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled well with 8 inch casing about 50 feet deep.

10. The estimated amount of groundwater withdrawn each year: About 200,000 gallons.

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

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

Signature of Owner: John H. Fmhammer
Date: December 31, 1963

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
I certify that I received and filed this
instrument on this day of Dec., 1938

[Signature]

[Signature]
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: DENNIS BUCKHAM
Address: M.E.
N.E., HAMILTON, MONTANA

Date well started: JUNE 1, 1972
completed: JUNE 6, 1972

Type of well: DRILLED
Equipment used: CHURN

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

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

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<th>State and Depth of Confined</th>
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<th>H.P.</th>
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<td>5 5/8&quot; O.D. ground level 89 ft.</td>
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Static water level 73 ft.
Pumping water level 86 ft.
at 12 gallons per minute, measured 36 minutes after pumping began.

*Measured from ground level.
Well developed by ball test.

PowerDrill Pump, HP
Remarks: (Gravel packing, cementing, packer, type of shutoff)

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

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

Each SMALL SQUARE REPRESENTS 40 ACRES.

Driller's Signature: WILSON

Driller's Address: 1506 S., MISSOULA, MONTANA

LICENSE NO: 161

60 ft. Show exact depth of bottom

59, 573
7 eutilr thai I iKtlnd ami I1M

[Image 0x-0 to 666x893]

COUNTY ROYAL

[Image 0x-0 to 666x893]

I certify that I read and signed this

[Image 0x-0 to 666x893]

[Signature]

COUNTY ROYAL

[Image 0x-0 to 666x893]
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, [Appropriator's Name] or [Appropriator's Name], acting as [Appropriator's Name], of [Address] (Town) [County of] [County of], have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. **Name of Appropriator:** [Appropriator's Name]
   **Address (Town):** [Address] (Town)
   **County:** [County of]
   **State:** [State of Montana]

2. The beneficial use on which the claim is based: [Beneficial Use]

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

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

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

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

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

8. The depth of water table: [Depth]

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

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

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

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: [Information]

[Signature and Date]

Gleasy Hardy

[Owner's Signature]

[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, state, otherwise the form will be returned.
I certify that I received and filed this instrument on this 3rd day of June, 1924, at 5:30 o'clock o'clock A.M.

F. H. Moore
County Recorder

By

Deputy
Notice of Completion of Groundwater

Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1963

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

Owner: H. K. Harvey
Address: N.E. of Hamilton, Mont.

Driller: Ravalli Drilling Co.
Address: Victor, Montana

Date of Notice of appropriation of groundwater: April 30, 1969

Date well completed: May 2, 1969

Type of well: Drilled

Equipment used: Churn (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.

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<th>Size and Weight of Casing</th>
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<th>To (Feet)</th>
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Static Water Level for non-flowing well 82 feet.

Shut-in Pressure for flowing well: 93 feet.

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

Discharge in gal. per min. of flowing well 62 gal.

How Tested: Packed 3 hrs.

Length of Test: Pumped 24 hrs.

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

(Continue on reverse side)

USB—If used for irrigation, industrial, drainage or other. Explain, state number of acres used, location or other data (i.e.: Lot, Block and Addition).
I certify that I received and filed this instrument on this 13th day of Aug. 1969, at 9:55 A.M.

E. G. Moore
County Recorder

Fees 2.00

Deputy
**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**

Bill Road

**Address**

Hamilton Heights

Hamilton, Montana

**Date well started**

August 2, 1971

**Completed**

August 4, 1971

**Type of well**

Drilled

**Equipment used**

Churn drill

**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**

unknown

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Core</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>17 lbs. per ft.</td>
<td>0</td>
<td>113</td>
<td>3/16x5 103 114</td>
</tr>
</tbody>
</table>

**Static water level**

83 ft.

**Pumping water level**

110 ft.

**at 10 gallons per minute, measured 120 minutes after pumping began.**

**Power**

Pump [ ] HP

**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.**

**Driller's Signature**

Revilla Drilling Co.

**Driller's Address**

Box 27, Victor, Montana

**LICENSE NO.**

7AW

**Top of Ground (rev. above sea level)**

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

100 [ ] Intermittent layers

102 [ ] Sand, gravel

115 [ ] Water bearing
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Vance  
Address:  
Driller: Ravalli Drilling Company  

Date of Notice of Appropriation of Groundwater:  

Date well started: July 24, 1963  
Date Completed: July 26, 1963

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

Water Use: Domestic ( ), Municipal ( ), Stock ( ), Irrigation ( ), Industrial ( ), Drainage ( ), Other ( )

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

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Topsoil</td>
</tr>
<tr>
<td>19</td>
<td>Sand, Gravel, and Boulders</td>
</tr>
<tr>
<td>32</td>
<td>Clay</td>
</tr>
<tr>
<td>46</td>
<td>Sand and Gravel Clay mixed</td>
</tr>
<tr>
<td>50</td>
<td>Sand and Gravel Water Bearing</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Site of Drilled Hole</th>
<th>Size and Weight of Chisels</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 15 lbs. per ft.</td>
<td>0</td>
<td>50</td>
<td>3/16 x 5</td>
<td>45 50</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 10 feet.
Shut-in Pressure for Flowing Well: 43 psi.
Pumping Water Level: 20 feet at 20 gal. per minute.
Discharge in gal., per min. of flowing well: 12 gal.
How Tested: Baled  
Length of Test: 2 hrs.
Remarks: (Gravel packing, cementing, packers, type of shutoff, Location of place of use of groundwater if not at well, and any other pertinent information, including number of acres irrigated, if used for irrigation)

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

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

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

Driller's License Number:  
Driller's Signature: C. F. Wroble
I certify that I received and filed this instrument on this 30th day of July 1935, at 10:30 a.m. (AG).

E. E. Moore

County Recorder

By:  Leo Moore

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

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

1. Frank Baumwell, at Route #1 Corvallis
   (Name of Appropriator)
   (Address)
   (Town)

   County of Corvallis, 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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1934

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1.0 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: 6000 1/2 acres

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1934

   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: Driven Well - size 12 inches, deep 85 feet

   10. The estimated amount of groundwater withdrawn each year: 6,000

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

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

   Signature of Owner: Frank Baumwell
   Date: Dec 12, 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.
I certify that I received and filed this instrument on this 12 day of Dec. 10 62. at 1 P.M. by:

J. S. Moore
COUNTY Recorder

DEPUTY