Jefferson County, Montana

Filed for record this 13 day of Aug

Rec. 1920 in Book 4 Ex

County Recorder

By Caleb C. Mitchell

Rec. 29
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: James J. Melendez
Address: Whitehall
Driller: James J. Melendez
Address: Whitehall
Date of Notice of Appropriation of Groundwater: 2-18-69
Date well started: 9-1-65
Date well completed: 9-11-65
Type of well: dug
Equipment Used: (Churn, drill, rotary or drilled)
Water Use: Domestic [X] Municipal [ ] Other [ ] Irrigation [X]
Industrial [ ] Drainage [ ] Stock [X]

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Drill</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>Steel Pipe</td>
<td>24'</td>
<td>43'</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 6 ft.

Shut-in Pressure for Flowing Well: unknown

Pumping Water Level: 12 ft.; feet at: 15 gal. per minute.

Discharge in gal. per min. of flowing well: 15

How Tested: Water meter length of Test: 8 hrs.

Remarks: (Gravel packing, cementing, packers, type of sealoff, 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): 1,002

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.

1/27/65
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: Joe Paul
Well & Whitehall Address: 1814 Georgia Ave.

Butte, Montana

Date well started: March 31, 1972
Well completed: April 1, 1972

Type of well: Drilled

Equipment used: Churn Drill

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

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

---

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>&amp;ag</th>
<th>Feet</th>
<th>Depth to</th>
<th>Height</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 6 5/8&quot; Md</td>
<td></td>
<td>.250</td>
<td>2'ag</td>
<td>48</td>
<td>41'</td>
<td>46'</td>
</tr>
</tbody>
</table>

*Measured from ground level.

Power: Pump: HP

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

---

County: Jefferson

Driller's Signature: O'Keefa Contracting Company

Driller's Address: 2804 Harvard Ave.

---

Show exact depth of bottom
**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: Dec. 28, 1971

Date well completed: Jan. 5, 1972

Type of well: Drilled

Equipment used: Churn Drill

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

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

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

---

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Size of Specific Unit</th>
<th>Rate and Frequency of Cutting</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>20&quot;&lt;br&gt;20&quot;&lt;br&gt;21&quot;&lt;br&gt;Ground&lt;br&gt;21&quot;&lt;br&gt;24&quot;&lt;br&gt;21&quot;&lt;br&gt;Ground</td>
<td>24&quot;&lt;br&gt;24&quot;&lt;br&gt;21&quot;&lt;br&gt;Ground</td>
<td>—&lt;br&gt;—&lt;br&gt;—&lt;br&gt;—</td>
<td>—&lt;br&gt;—&lt;br&gt;—&lt;br&gt;—</td>
<td>—&lt;br&gt;—&lt;br&gt;—&lt;br&gt;—</td>
</tr>
</tbody>
</table>

**Static water level:** 28 ft

**Pumping water level:** 68 ft

*Measured from ground level. Well developed by pumping for 1 hour. Power Pump HP: 110. 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: Donald C. Jones

Driller's Address: 2107 Bridger Dr.

**Bozeman, Montana**

**LICENSE NO.** 17

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**DRILLER'S LOG**

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

**Top of Ground**

(Ex. above sea level)

<table>
<thead>
<tr>
<th>Type</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>30</td>
<td>Clay</td>
</tr>
<tr>
<td>35</td>
<td>40</td>
<td>Sand and gravel with clay</td>
</tr>
<tr>
<td>41</td>
<td>45</td>
<td>Clay</td>
</tr>
<tr>
<td>49</td>
<td>50</td>
<td>Sand and gravel with clay</td>
</tr>
<tr>
<td>49</td>
<td>55</td>
<td>Clay</td>
</tr>
</tbody>
</table>

---

**Show exact depth of bottom**

50.06 ft
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 227 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: Clay Snyder
Address: 121 So. Atlantic
          Butte, Mont.

Date well started: 5/7/70
Date well completed: 5/8/70

Type of well: Drilled

Equipment used:

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

USE: If used for irrigation, industrial, drainage or other. Explain,
state number of acres and location or other data (i.e. Lot, Block
and Addition). Approx. 6 acres

ESTIMATED ANNUAL WITHDRAWAL: 1,500,000

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Size and Weight of Drilling</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 in</td>
<td>20 H</td>
<td>0</td>
<td>35</td>
</tr>
<tr>
<td>16 lb</td>
<td>24 H</td>
<td>14.97</td>
<td>30</td>
</tr>
</tbody>
</table>

Perforations:

Type: 2 x 4 torch

Static water level: 6 ft.
Pumping water level: 8 ft.

Power: 6 gal, pump... 2 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: Barry's Drilling & Pump Co.
Driller's Address: Butte, Mont.

LICENSE NO. 179

Show exact depth of bottom

County: Jefferson

Top of Ground: 4300
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 Records 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 form may be returned.

Owner: Otis & Vernice Vaughan
Address: Box 71 Whitehall, Mont.

Date well started: 1946
Completed: 1946

Type of well: Driven
Equipment used: Other (Drill, drill, rotary or other)

Water Use: Domestic Stock
Industrial Drainage Other

*Describe 2 wells (1) 5/4" casing (2) 10" casing

USE: If used for irrigation, industrial, drainage or other, explain state number of acres and location of other data (i.e. Lot, Block and Addition). Whitehall Bakers Add Lot 4

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Pipe</th>
<th>Size and Weight of Casings</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Garden</td>
<td>7</td>
<td>4</td>
<td>14</td>
<td></td>
</tr>
<tr>
<td>10&quot; pipe</td>
<td>10&quot; pipe</td>
<td>4</td>
<td>40</td>
<td></td>
</tr>
</tbody>
</table>

Wall No. 8 2
Static water level 7" ft.
Pumping water level 284" ft.
at 15 gallons per minute
measured 5 minutes after pumping began.
*Measured from ground level.
Well developed by
for ___ hours.
Power: Electric Pump, Rotary HP
Remarks: (Gravel packing, cementing packers, type of shutoff)

Wall No. 1

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

Driller’s Signature: Otis Vaughan
Driller’s Address: Box 71 Whitehall
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed since 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 named in Township, Section: ____________________________
Address ________________
Date well started ________________
Completed ________________
Type of well ____________________________
Equipment used ____________________________
Water Use: Domestic [ ] Municipal [ ] Stock [ ] 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 additi.). ____________________________________________________________

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Length of Hole</th>
<th>Top of Ground (ft.)</th>
<th>Perforations</th>
<th>Top of Ground (ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 ft.</td>
<td>1 ft.</td>
<td></td>
<td>10 ft.</td>
</tr>
<tr>
<td>15 ft.</td>
<td>1 ft.</td>
<td></td>
<td>15 ft.</td>
</tr>
<tr>
<td>20 ft.</td>
<td>1 ft.</td>
<td></td>
<td>20 ft.</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level ____________________________
Pumping water level ____________________________
at 1. ____________________________ gallons per minute,
measured ____________________________ minutes after pumping
began.

*Required from ground level.
Well developed by ____________________________
for ____________________________
Power: ____________________________ HP
Remarked: ____________________________
Driller: ____________________________

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

Driller’s Signature ____________________________
Driller’s Address ____________________________
**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)

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

### Owner

<table>
<thead>
<tr>
<th>Address</th>
<th>File</th>
</tr>
</thead>
</table>

### Date well started

<table>
<thead>
<tr>
<th>Date started</th>
<th>GW 1</th>
</tr>
</thead>
</table>

### Type of well

<table>
<thead>
<tr>
<th>(Drill, drive, bored or drilled)</th>
</tr>
</thead>
</table>

### Equipment used

<table>
<thead>
<tr>
<th>(Churn drill, rotary or other)</th>
</tr>
</thead>
</table>

### Water Use

<table>
<thead>
<tr>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Industrial</th>
<th>Drainage</th>
<th>Other</th>
<th>Garden/Lawn</th>
</tr>
</thead>
</table>

**USE:** 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>Kind of Use</th>
<th>From Foot</th>
<th>To Foot</th>
</tr>
</thead>
</table>

### Remarks

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

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

### Driller's Signature

<table>
<thead>
<tr>
<th>Driller's Address</th>
<th>LOC. 11, 1-1-1-1-1</th>
</tr>
</thead>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

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

This form to be prepared by drillers, 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: [Name]
Address: [Address]

Date well started: [Date]
Date well completed: [Date]

Type of well: [Type of well]
Equipment used: [Equipment used]

Water Use: [Water Use]

*Describe: [Describe]

USE: [USE]

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and depth of Drilling</th>
<th>Feet (Ft.)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6 5/8&quot; Od</td>
<td>50'</td>
<td>Cutting</td>
</tr>
</tbody>
</table>

Static water level: [Static water level]
Pumping water level: [Pumping water level]

Power: [Power]
Remarks: [Remarks]

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

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

LICENSE NO: [License No]

Show exact depth of bottom: [Depth]
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: City of Whitehall
Address: 
Date well started: May 20, 1970
Completed: May 26, 1970

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 Section).

ESTIMATED ANNUAL WITHDRAWAL: 3,000,000 gallons

<table>
<thead>
<tr>
<th>Size of Hole</th>
<th>Size and Weight of casing</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>Kind of Shelf Feet</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 in</td>
<td>10</td>
<td>0</td>
<td>45</td>
<td>25</td>
<td>10</td>
<td>25</td>
</tr>
</tbody>
</table>

Static water level: 11 ft.*
Pumping water level: 18 ft.*
10 gallons per minute,
measured 20 minutes after pumping began.

*Measured from ground level.
Well developed by last pump for 2 hours.
Power: 0.10 HP

Water is coming through perforations

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: 3218 Sanders St

County: Jefferson

DRILLER'S LOG

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

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>(i.e. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 15</td>
<td>Top soil &amp; clay</td>
</tr>
<tr>
<td>15 25</td>
<td>Sand &amp; gravel</td>
</tr>
<tr>
<td>25 45</td>
<td>Sand &amp; small gravel</td>
</tr>
</tbody>
</table>

Show exact depth of bottom

46673
**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**

City of Malta

Address

---

Date well started **May 20, 1970**

Date completed **May 26, 1970**

**Type of well** Drilled

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

**Water Use:**
- Domestic [ ]
- Municipal [ ]
- Stock [ ]
- Irrigation [X]
- 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** 3,000,000 gallons

---

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

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

**PERFORATIONS**

- Static water level: 21 ft.
- Pumping water level: 18 ft.
- at 30 gallons per minute, measured 55 minutes after pumping began.

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

**Driller's Address**

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**License No.** 270

**COUNTY**

**JEFFERSON**

**Driller's Signature**

**Driller's Address**

---

**License No.** 45

**Show exact depth of bottom**

46693
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 Retained 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: Joe Yernan
Address: Whitehall, Montana 59759
Date well started: 9-25-72

Type of well: Churn Drilled

Equipment used: Churn drill

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

Hydrogeologic Setting: Sand, coarse & some gravel water

Third of Ground

<table>
<thead>
<tr>
<th>Name</th>
<th>Top of Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>74' top soil</td>
</tr>
<tr>
<td>2.</td>
<td>74' clay</td>
</tr>
<tr>
<td>3.</td>
<td>74' sand, coarse &amp; some gravel water</td>
</tr>
</tbody>
</table>

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.

Estimate Annual Withdrawal:

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Wire and Length of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 5/8&quot; od</td>
<td>33'</td>
<td>cutting torch</td>
<td>27' 32'</td>
</tr>
</tbody>
</table>

Static water level: 4' ft.
Pumping water level: 20' ft.
at 30 gallons per minute, measured 30 minutes after pumping began.

Measured from ground level.

Well developed by Drilling for 45 hours.

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

Driller's Log:

O'Ree Contracting Company

Driller's Signature: 2804 Harvard Ave.

Driller's Address: Butte, Montana 59701

License No.: 8

Top of Ground (Ext. above sea level) | From | To |
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>74' top soil</td>
<td>74' clay</td>
<td>74' sand, coarse &amp; some gravel water</td>
</tr>
</tbody>
</table>

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

Driller's Signature: 2804 Harvard Ave.

Butte, Montana 59701 LICENSE NO.: 8

5/661
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

BASIL T. BROOKE
(Name of Appropriator)
of Whitehall
(Address)
(Town)

County of Jefferson, State of Montana

Appropriated groundwater according to the Montana laws in effect prior to January 1, 1900, as follows:

2. The beneficial use on which the claim is based: industrial, domestic or stockwater.

3. Date or approximate date of earliest beneficial use and how continuous the use has been since 1900.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and the date 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 or wells.

8. The depth of water table: 5 feet to 10 feet - varies seasonally.

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

Well or other means of withdrawal: Vertical well with electric pump.

10. The estimated amount of groundwater withdrawn each year: 0,000,000 gallons.

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

Unknown.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to books and other records:

Signature of County Clerk:

Date: December 30, 1963

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

Please answer all questions. If not applicable, no space, otherwise the form will be returned.

Filed with the County Clerk and Recorder; Duplicate to the State Engineer; Duplicate to the Bureau of Mines & Geology; and Quadruplicate for the Administrator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Geo. A. Keddy, of Whitehall, State of Montana,
County of Jefferson have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

| household, stock water and irrigation |

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

| unknown continuous use |

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

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

|  |
---|---|

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

| Pump, two wells in farmer's field, each equipped with |

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

| 7 feet |

8. The depth of water table:

| 7 feet |

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

| 4" casing, 21 feet deep, 5" casing 30 feet deep |

10. The estimated amount of groundwater withdrawn each year:

| 750,000 gal. |

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

| None |

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

| Signature of Owner: Geo. A. Keddy |

Date: Dec. 29, 63

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 27, Montana Session Laws, 1961

L. I. Klatt, M.D. & J. E. Klatt  
Whitehall, Montana

County of Jefferson  
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 of Property & extra water for home

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Each year used from May through October for irrigation of property.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 9.5 gals. 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:

2½ lots for lawn, garden & flowers

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

Vertical pump adjacent to house

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

Completed in 1931

8. The depth of water table: 47 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:

40 to 60 lbs pressure

10. The estimated amount of groundwater withdrawn each year: 718,200 gals. per year

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

Not available

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

Not needed

Signature of Owner: L. I. Klatt, M.D.

Date: Dec. 23, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
**STATE OF MONTANA**
**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 drillers, 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**

- **Name:**
- **Address:**

**Date well started**

- **Month:**
- **Day:**
- **Year:**

**Type of well**

- **Drilled**

**Equipment used**

- **Chucked**

**Water Use**

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

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

**ESTIMATED ANNUAL WITHDRAWAL**

- **Gallons per minute**

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

---

**Driller's Signature**

- **Date:**

---

**REMARKS**

- **Gravel packing, cementing, packers, type of shutoff**

---

**Driller's Address**

- **License No.**

---

**Show exact depth of bottom**
COUNTY OF DENTON
Denton County, Texas
Received for record the 22nd day of Feb
2020 at 4:00 o'clock, P.M.

By: ___ A. Matthews
Dipl
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Easley E. Sigman
   (Name of Appropriator)
   of Whitehall
   (Address) (Town)
   County of Jefferson
   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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1910 continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 2600 gal. per hour

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. 2 lots, Easley E. Sigman

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Gas or Electric Pump Lot 7, Block 4

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1910 or thereabouts

8. The depth of water table. 38 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. Gas or Electric 1½ Inch Pump

10. The estimated amount of groundwater withdrawn each year. 22,000 gal.

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

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 Easley E. Sigman
Date January 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.
RECORDS OFFICE

Montana County, Montana

I do hereby certify, this 21st day of January

J. B. Fiesh

Attest

Feb. 1

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

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

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been, continuously since 1950.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute). 1380 Gal. per hour.

   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 lots Emsley E. Sigman, owner.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
      Electric Pump, Lot 1, Dike 8

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

   8. The depth of water table. 38 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. Electric pump 1" inch, depth 38 feet

   10. The estimated amount of groundwater withdrawn each year. 305,000 gal.

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

   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: January 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.
81906

RECORDERS OFFICE
Jefferson County, Montana

I hold the record this 31st day of January
E. D. 1963, 11:10 A.M.

[Signature]

Feb. 7, 1906
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Whitehall, Montana</th>
<th>State of Montana</th>
</tr>
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<tbody>
<tr>
<td>A. L. Swearngen</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td></td>
<td></td>
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<tr>
<td>County of Jefferson</td>
<td>Jefferson</td>
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</tbody>
</table>

1. A. L. Swearngen of Whitehall, 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: Well - used for household purposes.

3. Date or approximate date of earliest beneficial use and how continuous the use has been: 1958 used continuously since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Sufficient for household use.

5. If used for irrigation, give the average 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: Hand pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1958.

8. The depth of water table: 32 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.

10. The estimated amount of groundwater withdrawn each year.

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

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 /\J  
Date January 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.
81905

RECORDER'S OFFICE

Jefferson County, Montana

Filed for record this 31st day of January
D. 1919

Alice M. Marson
County Recorder

Fees $1.00
TOWN OF WHITEHALL  

1. Name of Applicant: WHITEHALL  
   Address:  
   County of:  
   State of: MONTANA  

They 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: Municipal water supply  

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1951, used continuously since 1951  

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 450 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 interest: Irrigation of the various lots and gardens in the Town of Whitehall  

6. The point of withdrawal such water from the ground and the location of each vertical well:  

   NE 1/4, Sec. 11, T. 26S, R. 85W  

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

7. The date of commencement and completion of the construction of the well, wells, or structure for withdrawal of groundwater: Commenced: 5/1/52  

8. The depth of water table: 10 to 20 feet  

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

   Vertical well, 8-inch steel casing to 800 feet from top to bottom of well at 25 feet, cement grouting  

10. Total annual amount of groundwater withdrawn each year: 600,000 gallons  

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

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

---  

Signature of Owner:  

1. December 31, 1962  

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

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

Three copies to be filed in the County Clerk and Recorder. Applicable only to the State engineer; quadraplicate for the appropriation.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHT
(Under Chapter 33, Montana Session Laws, 1961)

Town of Whitehall, or
Whitehall

(Name of Appropriator)
(Address)
(Town)

County of Jefferson, State of Montana

Appropriated groundwater according to the Montana laws in effect prior to January 1, 1965, as follows:

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

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

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

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

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, 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:

December 14, 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, or stare, otherwise the form will be returned.

Submit a copy to the County Clerk and Recorder; duplicate to the State Engineer; and duplicate to the Montana Bureau of Mines & Geology, and quadruplicate for the Administrator.
DECLARATION OF VESTED GROUNDWATER RIGHTS (Under Chapter 23, Montana Session Laws, 1961)

Town of Whitehall: County of Jefferson: State of Montana

Appropriator: Address: Town: Name of Appropriator

I, the undersigned, do hereby declare that I 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. The date or approximate date of earliest beneficial use; and how continuous the use has been, used continuously since 1960:

4. The amount of groundwater claimed (in inches or 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 user, having used for irrigation of various lands:

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 means 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: December 15, 1962

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

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

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

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

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

Owner: Robert J. Hill, M.D.
Address: Whitehall, Montana

Date well started: Dec. 16, 1950
Date completed: __________

Type of well: Drilled

Equipment used: Chisel drill

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

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

Lot #3 of Section 4 in Township one north of Range 4-W of 1/4 acre (about 20 acres)

ESTIMATED ANNUAL WITHDRAWAL: 3,212,000 gallons

Top of Ground: __________

<table>
<thead>
<tr>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
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<td>17</td>
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</table>

<table>
<thead>
<tr>
<th>Size of Block</th>
<th>Size and Number of Color</th>
<th>Size and Number of Color</th>
<th>Size and Number of Color</th>
<th>Size and Number of Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 6-32</td>
<td>18 lb.</td>
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</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Size and Number of Color</th>
<th>Size and Number of Color</th>
<th>Size and Number of Color</th>
<th>Size and Number of Color</th>
<th>Size and Number of Color</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 6-32</td>
<td>18 lb.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Driller's Signature: Robert Price
Driller's Address: Clancy, Montana. P.O. #104 1934
LICENSE NO: 263303

County Jefferson

DRILLER'S LOG

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

Top of Ground: __________

<table>
<thead>
<tr>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>17</td>
</tr>
</tbody>
</table>

Show exact depth of bottom.
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: 
Driller: 
Address: 
Address: 

Date of Notice of appropriation of groundwater: 
Date well started: 
Date completed: 

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

<table>
<thead>
<tr>
<th>Depth of Hole (Feet)</th>
<th>Diameter of Drilled Hole (Inches)</th>
<th>Static Water Level for Non-Flowing Well (Feet)</th>
<th>Shut-In Pressure for Flowing Well (PSI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9'</td>
<td>6</td>
<td></td>
<td></td>
</tr>
<tr>
<td>17'</td>
<td>D</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

How Tested: Bailer
Length of Test: 4 hrs
Remarks: (Gravel packing, cementing, packers, type of shutoff)

#179
Driller's License Number: PARREY DRILLING
Driller's Signature: 57-086
Sweetgrass County, Montana

Filed for record this 28th day of July, 1912, and recorded.

[Signature]
County Recorder

1912-07-28
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: Dean Seale Address: Whitehall Mont
Driller: Barta Drilling Address: Butte Mont

Date of Notice of appropriation of groundwater: Oct 24, 1962
Date well started: Oct 22, Date completed: Oct 24, 1962

Type of well: Dug Equipment used: Churn drill, rotary or other
Water use: Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □

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

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: PUMPED
Length of Test: 5 1/2 hr

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

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).

No. 129
Driller's License Number
Barta Drilling
Driller's Signature: M.J. Enom
49855
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:

Type of well:

Equipment used:

Water Use:

*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>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
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<td>5'</td>
</tr>
</tbody>
</table>

<table>
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<th>From (Ft)</th>
<th>To (Ft)</th>
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<tbody>
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<td>25</td>
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<table>
<thead>
<tr>
<th>From (Ft)</th>
<th>To (Ft)</th>
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</thead>
<tbody>
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<td>35</td>
<td>5'</td>
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<table>
<thead>
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<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>55</td>
<td>5'</td>
</tr>
</tbody>
</table>

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

Driller's Signature:

Driller's Address:

LICENSE NO. 199

COUNTY:

54

Show exact depth of bottom

5/104
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: [Name] Address: [Address]
Driller: [Name] Address: [Address]

Date of Notice of appropriation of groundwater: [Date]
Date of well completed: [Date]

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 mud, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Show exact depth of bottom.

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

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

Driller's License Number: [License Number]
Driller's Signature: [Signature]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

John E. and Helen Kirby, of R. I. Box 63, Whitehall

County of Jefferson
State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1902, as follows:

2. The beneficial use on which the claim is based:
   Household, Stock Water, Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   1865 Household
   1963 Irrigation

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 160 inches.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   No wells

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

8. The depth of water table:
   6 feet, at side

9. So far as it may be available, the type, size and depth of each well or other works for the withdrawal of groundwater:
   No wells

10. The estimated amount of groundwater withdrawn each year:
    Present 30 inches

11. The log of formations encountered in the drilling of each well if available:
    No wells

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

Signature of Owner:

Date: Dec 30 1963

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

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

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

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

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

For Administrator's Use
File
GW 1

Owner
Address
Contractor (if any)
Address of Contractor
Date Started
Date Completed

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

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

3. Depth of water table

4. Use of the water

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

7. Elevation of spring, if known or estimated

8. Months of year spring flows

Signature of Owner
Date
**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:** Drilled (Duv, driven, bored or drilled)

**Equipment used:**

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

*Describe *

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

**ESTIMATED ANNUAL WITHDRAWAL:** (A new appraisal is necessary)

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Shape of Well</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 in</td>
<td>one in</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

*Measured from ground level.

Well developed by

for:  hours.

Power: Pump: HP

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

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

**Driller's Signature**
**Driller's Address**

**LICENSE NO.**

Show exact depth of bottom

5 5 8 7 2
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Ray T. and Lulu S. Hixson of Whitehall, Montana
   (Name of Appropriator) (Address) (Town)
   County of Jefferson State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

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

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
      1 acre - lawn near homestead.
      Owner - same as above.

   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...
      the year of 1960

   8. The depth of water table...
      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 work for withdrawal of groundwater...
      drilled well - 6 inch casing
      depth - 20 feet

   10. The estimated amount of groundwater withdrawn each year...
        1,000,000 gallons

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

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

   Signature of Owner...
   Date...

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

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

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

3 9 8 8 6
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:... [Name and Address]
Address:... [Address]
Whitehall, Montana
Date well started: July 10, 1961
completed: ...[Date]
Type of well: ...[Type]
Equipment used: ...[Type]
Water Use: Domestic  [ ] Municipal [ ] Stock [ ] Irrigation [ ]
industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]
*Describe: ...
*USE: If used for irrigation, industrial, drainage or other. Explain,
state number of acres and location or other data (i.e. Lot, Block
and Addition).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and Weight</th>
<th>Flow</th>
<th>Depth</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>5/8&quot; od x .250</td>
<td>+1'</td>
<td>30'</td>
<td>cutting torch 25' 30'</td>
</tr>
</tbody>
</table>

Static water level: 6' ft.
Pumping water level: 6' ft.
at 30 gallons per minute,
measured 10 minutes after pumping began.
*Measured: from ground level.
We'll developed by test pumping
for two hours.
Power: Pump: ... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

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

Butte, Montana 59701
LICENSE NO.: ...