I certify that I received and filed this instrument on the 12th day of June, 1944, at 11:54 a.m. o'clock P.M.

F.L. Moore
Deputy Recorder
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: Ted Waylett  Address: Hamilton, Mont.
Driller: Bill Anderson  Address: Victor, Mont.

Date of Notice of appropriation of groundwater: July 17, 1970
Date well started: July 17, 1970
Date completed: July 17, 1970
Type of well: Dug
Equipment used: Churn drill
Water use: Domestic

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 in.</td>
<td>5 ft.</td>
<td></td>
</tr>
<tr>
<td>6 in.</td>
<td>30 ft.</td>
<td></td>
</tr>
<tr>
<td>38 in.</td>
<td>40 ft.</td>
<td></td>
</tr>
<tr>
<td>40 in.</td>
<td>40 ft.</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 10 feet.
Shut-in Pressure for Flowing Well 10 feet.
Pumping Water Level 10 feet.
Discharge in gal. per min. of flowing well 25 gal.

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

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

Driller's License Number
Driller's Signature

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
I certify that I received and filed this instrument on this day of April 19, 1971, at 3:00 o'clock. M.

F. E. Moore
County Recorder

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

Owner: Ted Wyatt
Address: Hampton Mont.

Driller: Dell Anderson
Address: Hampton Mont.

Date of Notice of Appropriation of Groundwater

Date well started: June 7, 1965
Date completed: June 26, 1965

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

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

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

<table>
<thead>
<tr>
<th>Stratum</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil</td>
<td>10</td>
<td>46</td>
</tr>
<tr>
<td>Clay</td>
<td>1</td>
<td>46</td>
</tr>
<tr>
<td>Shale</td>
<td>2</td>
<td>46</td>
</tr>
<tr>
<td>Gravel</td>
<td>3</td>
<td>46</td>
</tr>
<tr>
<td>Rock</td>
<td>4</td>
<td>46</td>
</tr>
</tbody>
</table>

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

Show exact depth of bottom

Static Water Level for non-flowing Well: 1.0 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level: 1.3 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well: 25.4 gal. per min.

How Traced: Pump
Length of Test: 12 ft.

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

Driller's License Number: 23
Driller's Signature: Dell Anderson
I certify that I received and filed the Instrument on this 14th day of Oct, 19 -- at 2:50 P.M.

P. G. Moore
County Recorder

Fee $2.00
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Name of Appropriator: Fred R Waylett
Address: Box 611
Town: Hamilton
County: Ravalli
State: Montana

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: draw water from ground.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: April 1, 1864 - Continues except 1965.

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: Fred R Waylett.

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: Fred R Waylett
Date: 2-21-62

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.
I certify that I received and filed this instrument on this 31st day of May, 1921 at 12 o'clock P.M.

J. H. Moore
County Recorder

By: 

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 him 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: 
File: 6.028
Date well started: 4/1/22
Completed: 4/1/22
Well type: (12" cement) 30'
Equipment used: 
Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

**Describe**

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

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Net of</th>
<th>Bbl/day</th>
</tr>
</thead>
<tbody>
<tr>
<td>Year</td>
<td>Power</td>
</tr>
<tr>
<td></td>
<td>Pumps</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Year</th>
<th>Net of</th>
<th>Bbl/day</th>
<th>Power</th>
<th>Pumps</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>000</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Top of Ground (From above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

Static water level: 1.4 ft.
Pumping water level: 13 ft. above static level.

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.

County

55539
**STATE OF MONTANA**
**ADMINISTRATOR OF GROUNDWATER CODE**
**MONTANA WATER RESOURCES BOARD**

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

This form is to be prepared by driller, and three copies to be filed by driller 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 W. Ehmer

**Address:** 208 3rd St. N.

**File No.:** 6023

**Date well started:** 4/30/73

**Month:** 4

**Year:** 1973

**Date well completed:** 4/30/73

**Type of well:** Slag (12" casing)

**Equipment used:** Bore hole

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

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

**Top of Ground:** 180 ft. above sea level

**ESTIMATED ANNUAL WITHDRAWAL:**

<table>
<thead>
<tr>
<th>Kind of water use</th>
<th>To (feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>190</td>
<td>150</td>
</tr>
</tbody>
</table>

**Static water level:** 15 ft.

**Pumping water level:** 1 ft.

**Gallons per minute:** measured minutes after pumping began.

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

**Driller's Signature:** Robert W. Ehmer

**Driller's Address:** 218 Main St. N.

**License No.:** 55537

**PROJECTS:**

<table>
<thead>
<tr>
<th>Depth (feet)</th>
<th>Diameter (feet)</th>
<th>Kind of water use</th>
<th>To (feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>70</td>
<td>1/2</td>
<td>Domestic</td>
<td>190</td>
<td>150</td>
</tr>
</tbody>
</table>

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

**Driller's Signature:** Robert W. Ehmer

**Driller's Address:** 218 Main St. N.

**License No.:** 55537
<table>
<thead>
<tr>
<th>T</th>
<th>R</th>
</tr>
</thead>
<tbody>
<tr>
<td>County</td>
<td>Ravalli</td>
</tr>
</tbody>
</table>

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Daniel R. Ritter
Address: Route 1
Hamilton, Montana

Driller: Self
Address:

Date Started
Date Completed: March 1967

Location: Sec. 36 T. 6 R. 21 1/4 sec. SE-1

Type of well
Drilled, driven, bored, or drilled

Equipment used
Manual

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

Casing:
- Cement: ft. to 17.0 ft.
- Type
- Size: 12 inch

Casing: ft. to ft.
- Type
- Size

Casing: ft. to ft.
- Type
- Size

Perforated or Screened:

Type of screen or perforations

Static Water level, for non-flowing well:

Shut-in pressure, for flowing well:

Pumping water level:

How tested:

Centrifugal pump with no restrictions

Length of test: 8 hours

Remarks:

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

(over)
**WATER WELL LOG**

**Owner:** Roy Sussex  
Address: Hamilton, Mont.

**Driller:** Norman C. Ray  
Address:  

**Date Started:** April 21, 1958  
**Date Completed:** April 30, 1958

**Location:** Sec. 26, T. 6, R. 21  
1/4 sec. 81-6-21

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

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

**Casing:**  
- 46 ft. to 8 ft.  
- Type:  
- Size: A

**Perforated or Screened:**  
- From ft. to ft.:  
- Type of screen or perforations:  
- Depth of well from surface: 50 feet

**Static Water Level, for non-flowing well:** 31 feet

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

**Pumping Water Level:** 31 feet  
- 60 to 70 gal. per min.

**How Tested:**

**Length of Test:**

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

(over)
<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>14</td>
</tr>
<tr>
<td>14</td>
<td>26</td>
</tr>
<tr>
<td>26</td>
<td>37</td>
</tr>
<tr>
<td>37</td>
<td>42</td>
</tr>
<tr>
<td>42</td>
<td>48</td>
</tr>
<tr>
<td>48</td>
<td>50</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Schultz,
1. Gerald D. Schultz and Margaret M., of Hamilton, 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: domestic, stock, irrigation and other beneficial uses.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been 1907, continuous use since said date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Sufficient water to irrigate 1 acre, more or less, and for other uses as set out in paragraph 2.

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, more or less, located in Section 36, Township 6 North, Range 21 West - Gerald D. Schultz and Margaret M. Schultz.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric pump and pipe with well located on land described in paragraph 5 above.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater approximately 1907 well commenced and completed.

8. The depth of water table. unknown.

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 foot well with 14 inch pipe.

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

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

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

Signature of Owner: Gerald D. Schultz
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.
<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Jack Cory</td>
</tr>
<tr>
<td>Address</td>
<td>Hamilton, Mont.</td>
</tr>
<tr>
<td>Driller</td>
<td>Norman C. Ray</td>
</tr>
<tr>
<td>Address</td>
<td>Hamilton, Mont.</td>
</tr>
<tr>
<td>Date Started</td>
<td>Sept. 9, 1958</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Sept. 11, 1958</td>
</tr>
</tbody>
</table>
| Location                          | Sec. 36, T 6, R 21, 1/4 sec. SE$
| Type of well                      | Drilled                                  |
| Equipment used                    | Drill, rotary                            |
| Water use                         | Domestic                                 |
| Industrial                        |                                           |
| Municipal                         |                                           |
| Stock                             |                                           |
| Irrigation                        |                                           |
| Casing                            | 4.5 ft. to 15 ft.                        |
| Type                              |                                            |
| Size                              | 4"                                       |
| Perforated or Screened            | 20 ft. to 40 ft.                          |
| Type of screen or perforations    |                                            |
| Static Water level, for non-flowing well | 40 ft.                                |
| Shut-in pressure, for flowing well | 40 lb./sq. in. at 40 to 50 gal. per min. |
| Pumping water level               | 40 feet at 40 to 50 gallons per min.      |
| How tested                        |                                           |
| Length of test                    |                                           |
| Remarks                           | (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) |

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>4</td>
<td>Pit</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>15</td>
<td>Gravel &amp; boulders</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>26</td>
<td>Fine sand</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>31</td>
<td>Gravel</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>34</td>
<td>Fine sand</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>41</td>
<td>Hard pan (cemented gravel)</td>
<td></td>
</tr>
<tr>
<td>41</td>
<td>47</td>
<td>Fine sand</td>
<td></td>
</tr>
<tr>
<td>47</td>
<td>50</td>
<td>Course gravel</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Michael B. and Sara S. Kitter, 601 Box 1
   (Name of Appropriator)  Hamilton
   (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. July 1, 1930

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 72 gals./min

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

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

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:  Sara S. Kitter
Date: 12/9/63

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.
I certify that I received and filed this instrument on this 16th
day of Dec., 1963, at 10:30
d'clock A.M.

[Signature]

[Signature]
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: Maxwell Parshall
Address: Hamilton

C. F. Wruble
Driller: Ravalli Drilling Co.
Address: Victor

Date of Notice of appropriation of groundwater:
March 12, 1970

Date well started:
March 12, 1970

Date well completed:
March 12, 1970

Type of well drilled: Dug
Equipment used: Council

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>Feet</th>
<th>To</th>
<th>Kind of perforation</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>15 1/2 ft.</td>
<td>0</td>
<td>31</td>
<td>3/16x6</td>
<td>22</td>
<td>31</td>
</tr>
</tbody>
</table>

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

Shut-in Pressure for Flowing Well:

Pumping Water Level:
19 feet
at 14 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Bailed 2 hours
Length of Test pumped:
1 hour

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

2 feet of gravel pack

Lot 5-61.3-Edgemont Addn.
Ravalli, Montana 8

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

Montana Water Resources Board
RECEIVED
MAR 26 1970

Show exact depth of bottom.

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

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

Driller's License Number: 62
Driller's Signature: C. F. Wruble
Recently a copy of a groundwater appropriation form,

- GW 1, Notice of Appropriation of Groundwater
- X GW 2, Notice of Completion of Groundwater Appropriation by means of Well
- GW 3, Notice of Completion of Groundwater Appropriation without Well
- GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by:

Owner: Maxwell Parshall
Address: Hamilton, Montana 59840
Location:

The form is complete as filed. This is to inform you that your GW form has been received and no further action is necessary on your part.

The form is incomplete. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena. Request information if available.

Please indicate location of well site by Township, Range, and Section.

Other.

Counting recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.

MAR 31 1970

Maricopa County Clerk and Recorder

[Signature]

MAR 6 1970

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature
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, 1963
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: Marshall Drilling Co. Address: Victor

Date of Notice of appropriation of groundwater:

March 12, 1970

Date well started: March 12, 1970

Date completed: March 12, 1970

Type of Well: Sand Gravel and Large Boulder

Equipment used:

Churn drill, bored or drilled

Water use:

Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □

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

<table>
<thead>
<tr>
<th>Depth of Drilled (Feet)</th>
<th>Size and Weight of Gravel</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Elapsed Time (Days)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>0.15</td>
<td>0</td>
<td>31</td>
<td>28</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 15 feet.

Shut-in Pressure for flowing well: 29 feet at 34 gal. per minute.

Pumping Water Level: 19 feet

Discharge in gal. per min. of flowing well: 2 hours

How Tested: Suction

Length of Test: 24 hours

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

2 feet of gravel pack

(Continue on reverse side)

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

Driller's License Number:

Driller's Signature:

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

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

**Owner:** D.C. Gray and D'Arcy Conway  
**Address:** 1114 S. 4th

**Driller:** Same  
**Address:** Hamilton, Mont.

**Date Started:** March 1953  
**Date Completed:** May 1953

**Location:** Sec. 36, T. 6 R. 21  
**Date Started:** April 8, 1953

**Type of well:** Dug  
**Equipment used:** Pick and Shovel

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

**Casing:**
- beginning: ft.  
- ending: ft.  
- Type:  
- Size:  

**Perforated or Screened:**
- beginning: ft.  
- ending: ft.  
- Type:  
- Size:  

**Type of screen or perforations:**

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

**Shut-in pressure, for flowing well:** lb./sq. in. on: ____________  
**Pumping water level:** feet at ____________ gal. per min.  
**How tested:**

**Length of test:**

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

This well is 17 ft. deep and the pump is set down 2 ft. below the ground level. Casing is made from galvanized water tanks, three put together, and were 1½ inches in diameter. The water is low in the well early in the spring, but continues to rise as irrigating starts in the neighborhood, and usually comes up to about six feet (over) below surface.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

Owner:  
Address:  
Driller:  
Address:  

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

Type of well:  
Equipment used:  

Water use:  

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lin 250 6in</td>
<td>Lin 150 6in</td>
<td>0 45</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 18 feet.

Shut-In Pressure for Flowing Well...

Pumping Water Level at 10 gal. per minute.

Discharge in gal. per min. of flowing well 25 gpm.

How Tested:  
Length of Test:  

Remarks:  

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

(Continue on reverse side)

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

Driller's License Number  
Driller's Signature  

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

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

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:**
- **Address:** Hamilton, Mont.
- **Name:**

**Driller:**
- **Address:** Hamilton, Mont.

**Date of Notice of Appropriation of Groundwater:**
- **Date:** May 9, 1967
- **Completed:** June 13, 1967

**Type of Well:**
- **Equipment Used:**
  - Dug, driven, bored or (Churn, drill, rotary or drilled)

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

**Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, 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:** 20 feet

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

**Pumping Water Level:** 22 feet at 10 gallons per minute.

**Discharge in gal., per min. of flowing well:** 25 gal. per min.

**How Tested:**

**Length of Test:**

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

**Driller’s License Number:**

**Driller’s Signature:**

---

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

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

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

42, 718
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Saland Co., Address: Hamilton, MT
Driller: Bill Anderson, Address: Hamilton, MT

Date of Notice of Appropriation of Groundwater: June 10, 1964
Date well started: June 10, 1964
Date Completed: July 12, 1964

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

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

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

<table>
<thead>
<tr>
<th>Size of Bored Hole (Feet)</th>
<th>Size and Weight of Casings (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>10.79 p.f.t.</td>
<td>0</td>
<td>40</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 8 feet.
Skirt-in Pressure for Flowing Well: 10 feet.
Pumping Water Level: 10 feet at 10 gal. per minute.
Discharge in gal. per min. of flowing well: 20 gal. per min.
How Tested: Balancing Test
Length of Test: 10 feet

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.

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.

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>9/3</td>
<td>9/4</td>
</tr>
</tbody>
</table>

Location: Sec. 36 T. 6 R. 21 1/4 sec.

Type of well: Drilled
Equipment used: Dredge

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

Casing: 5 ft. to 36 ft. Type: Black iron Size: """"""""
Casing: [ ] ft. to [ ] ft. Type: [ ] Size: [ ]
Casing: [ ] ft. to [ ] ft. Type: [ ] Size: [ ]

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

Type of screen or perforations: [ ]

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

Pumping water level: [ ] feet at 100 gal. per min.
How tested: [ ]
Length of test: [ ] hr.

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 5'</td>
<td>Pit.</td>
</tr>
<tr>
<td>5 - 15</td>
<td>Boulders</td>
</tr>
<tr>
<td>15 - 24</td>
<td>Fine Sand</td>
</tr>
<tr>
<td>24 - 31</td>
<td>Hard pan</td>
</tr>
<tr>
<td>31 - 34</td>
<td>Fine Sand</td>
</tr>
<tr>
<td>34 - 36</td>
<td>Sand</td>
</tr>
</tbody>
</table>
WATER WELL LOG

Owner: Norman Ray
Address: Hamilton, Montana
Driller: 6-28-57
Address: 6-27-57
Date Started: 36
6 N. 21
Date Completed: No Well

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

Type of screen or perforations:

Static Water level, for non-flowing well:
Shut-in pressure, for flowing well:
Compressed air
Pumping water level:

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

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>2</td>
<td>soil</td>
</tr>
<tr>
<td></td>
<td>2</td>
<td>9</td>
<td>boulders</td>
</tr>
<tr>
<td></td>
<td>9</td>
<td>16</td>
<td>fine sand</td>
</tr>
<tr>
<td></td>
<td>16</td>
<td>18</td>
<td>hardpan</td>
</tr>
<tr>
<td></td>
<td>18</td>
<td>25</td>
<td>fine sand</td>
</tr>
<tr>
<td></td>
<td>25</td>
<td>27</td>
<td>gravel</td>
</tr>
</tbody>
</table>
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. WARREN WALTER ASH
   (Name of Appropriator)
   of RT. 1 BOX 4 HAMILTON MONTANA
   (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   HOUSE HOLD +
      LAWN, IRRIGATION WITH SPRINKLER

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been APPROXIMATE TIME 1912 HAS BEEN USED STEADY EVERY DAY SINCE THEN

   4. The amount of groundwater claimed (in miner's inches or gallons per minute) 11 GALS 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 NOT USED FOR IRRIGATION

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1/2 HORSE PUMP

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater APPROXIMATE DATE 1912

   8. The depth of water table UNKN APPROX 12 FOOT

   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 4" CASING 50 FT DEPT

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

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

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

   Signature of Owner

   Date Jan 3, 1964

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

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

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

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: Karlin Bell, Hamilton
Address: South of Hamilton

Date well started: June 10, 1972
Date well completed: June 11, 1972

Type of well: Drilled
Equipment used: (Cable, auger, bored or drilled)

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

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled</th>
<th>Rise and Depth of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; per ft.</td>
<td>0</td>
<td>41</td>
<td>316/5</td>
<td>36</td>
</tr>
</tbody>
</table>

Static water level: 9 ft.
Pumping water level: 36 ft.

of 12 gallons per minute, measured 60 minutes after pumping began.

*Measured from ground level.

Well developed by: Pumping for 12 hours.

Power: HP. Remarks: (Gravel packing, cementing, Packers, type of shutoff) 1' of gravel packing.

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

Driller's Signature:

Driller's Address: Ravalli Drilling Co., Victor, Montana

Driller's Address: Ravalli Drilling Co., Victor, Montana

LICENSE NO.: 200

Show exact depth of bottom

5969
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Lloyd L. and Mildred Davies, of Route 1, Box 18, Hamilton.

County of Ravalli, State of Montana, 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>
<th>E</th>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **July 1957 through June 30, 1963.**

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

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: **Consisting of 1/3 acre.**

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **May 1957—three days.**

8. The depth of water table: **Fifty 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: **24 inches casing.**

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

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

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

**Signature of Owner:**

**Date:**

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
I certify that I received and filed this instrument on this 24th day of June, 1963 at 9:30 o'clock A.M.

F. G. Moore
COUNTY RECORDER
By: Shirley Kitt, Deedee
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Samuel D. Downing of 806 So. 4th St., Hamilton, Montana
(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: Irrigating and sprinkling.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May 1st to Oct. 1st of each year, May 1, 1961.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 2,000 acres, Blocks 12 of Lot 13, all of Lot 14 & all of Lots 16, 18 & 20, Pine Grove Townsite.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 1 HP. Jacobs electric pump; well located 1/4 mile back in Lot 13 of Block 11, Pine Grove Townsite.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: June 1, 1961; completion of well.

8. The depth of water table: 6 feet of the surface in the summer and approximately 15 feet in the winter.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 4 inch casing driven to the depth of about 22 feet.

10. The estimated amount of groundwater withdrawn each year: $1 Million gallons.

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

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

Signature of Owner: ________________________________
Date: Dec. 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.

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 the 31st day of Dec. a.D. 1913 at 9 o'clock A.M.

F. P. Moore
County Recorder

[Signature]
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. J. Fills
Address: 807 So. 3rd
Hamilton, Montana

Date well started: July 70

Date well completed: Sept. 70

Type of well: Driven

Equipment used: File Driver

Water Use: Domestic

*If used for irrigation, show number of acres and other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL: 250,000 gal. ft.

DESCRIPTIVE DATA OF WELLS

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>(Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Sand</td>
</tr>
<tr>
<td>7</td>
<td>Course Gravel</td>
</tr>
</tbody>
</table>

PERFORATIONS

<table>
<thead>
<tr>
<th>Casing</th>
<th>Size</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>18</td>
<td>4</td>
<td>15, 18</td>
</tr>
</tbody>
</table>

Static water level: 10 ft.

Pumping water level: 10 ft.

Measured from ground level.

Well developed by: Owner

Power: Elea Pump: 1 HP

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

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

Driller's Signature: C. J. Fills
Driller's Address: 807 So. 3rd
Hamilton, Montana

License No: 50,140
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

**Dept. Health, Education and Welfare**  
**1. U.S. Public Health Service**  
(Name of Appropriator)  
(Address)  
(Town)

**County of Rawlins**  
State of Montana

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

1. **Name of Appropriator**

2. The beneficial use on which the claim is based

   For Commercial (Cooling) use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. April 8, 1960, continuously since...

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 150 Gallon 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. Submersible pump. Well located at end of Animal Breeding Building (House House).

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. March 29, 1960 - April 8, 1960.

8. The depth of water table. 20 Feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Casing 125 ft. deep.

10. The estimated amount of groundwater withdrawn each year. 0 Million gallons.

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

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

**Signature of Owner**  
Ben E. Anderson, Admin. Officer  
Date: Dec. 31, 1963  
RML

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.

---

**Diagram:**  
A grid with labeled points indicating point of appropriation and place of use, if possible. Each small square represents 10 acres.
I certify that I received and filed this instrument on the 3rd day of Dec., 1963, at 5:51 o'clock P.M.

F. Y. Moore
County Recorder

By: Sherry Bird
Deputy
11. The log of formations encountered in the drilling of each well if available:

0 to 24' boulders and gravel; 24' to 32' fine sand to gravel; 32' to 44' fine sand; 44' to 55' hard pan cemented gravel; 55' to 65' fine packed sand (little water); 65' to 68' hard pan; 68' to 70' cemented gravel and water; 70' to 108' blue clay; 108' to 112' fine sand and wood; 112' to 124' blue clay; 124' to 125' course gravel.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

**Dept. Health, Education, and Welfare**

**Public Health Service**

(State of Montana)

**County of Beaver**

**Address of Appropriator**

**Town**

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

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

2. The beneficial use on which the claim is based: **Commercial use** for research use including cooling water, air conditioning, and irrigation.

3. Date or approximate date of earliest beneficial use: **1943**

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **250** gallon 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: **See attached.**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: **1-15 HP centrifugal pump - well located on RML premises, southeast corner of Building 1.**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **Exact date in 1943 unknown.**

8. The depth of water table: **20 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, 10" casing, 70' deep.**

10. The estimated amount of groundwater withdrawn each year: **25 million gallons.**

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

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

**Signature of Owner**

Ben E. Anderson, Admin. Officer, BML

Date: Nov. 30, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
A certain tract of land adjoining the city limits of the city of Hamilton, in the county of Ravalli, in the state of Montana, being a part of the NE 4 of the NW 4 of Section 36, Township 6, North, Range 21 West, Montana Principal Meridian, consisting of 28.396 acres, more or less, which was formerly platted as a part of the Pine Grove Townsite, Ravalli County, Montana, now reverted to acreage, consisting of all of formerly designated Blocks 9, 10 and 21, all of formerly designated Lots 5 to 16, inclusive, of formerly designated Block 10, and all of formerly designated Lots 4 to 10, inclusive, of formerly designated Block 22 of said Pine Grove Townsite, and all of that portion of a reserved strip of land along the south line of formerly designated Blocks 20 and 21 of said Pine Grove Townsite, as said reserved strip is platted and recorded in Volume 1 of Plats, Page 50, of the records of the Clerk and Recorder of Ravalli County, and all of the lands contiguous to and adjoining said reserved strip, blocks, and lots which were formerly platted as the streets and alleys of said portion of said Pine Grove Townsite, Ravalli County, Montana, insofar as said lands are included within said tract of land, which is more particularly described as follows, to wit:

Beginning at a point in the westerly margin of Fourth Street located south 46° 27.6' west 1,532.03 feet from the northeast corner of said Section 36, said point being opposite r. tenon marker on the curb adjoining Fourth Street; thence north 04° 55' west and running at an interior angle of 90° from the northerly line of a tract of land owned by the United States of America 260 feet along the westerly margin of Fourth Street to a concrete monument at the southwest corner of the land now or formerly owned by Mrs. Grace Conway; thence with the southerly line of the Conway land south 85° 04' west 160 feet to a concrete monument; thence with the westerly line of the Conway land and with the land now or formerly owned by Mrs. Carolyn Ziebarth north 04° 56' west 200 feet to a concrete monument in the southerly line of Baker Street; thence with said line of Baker Street south 85° 04' west 980 feet to a point six feet west of a concrete monument; thence north 04° 56' west 100 feet to a concrete monument in the southerly line of the land now or formerly owned by Howard W. Bates; thence with this line of the Bates land south 85° 04' west 500.9 feet to a concrete monument in the easterly line of land now or formerly owned by the Anaconda Copper Mining Company; thence with the easterly line of this land south 0° 41.8' west 820.56 feet to a concrete monument, which point is the southwest corner of the NE 4 of said Section 36; thence at an interior angle of 89° 10' 12" from the last mentioned line of this land and running with the northerly line of the land now or formerly owned by Elijah D. Yarbrough east 1426.69 feet to the southwest corner of the land owned by the United States of America; thence at an interior angle of 85° 04' from the last mentioned line of this land and running north 04° 56' west 379.5 feet to a marker; thence with the northerly line of the land now owned by the United States of America and running at an interior angle of 90° from the last mentioned line of this land north 85° 04' east 790 feet to the beginning, containing 28.396 acres, more or less, EXCEPT

"A portion of the North half of the Northeast quarter of Section thirty-six (36), in Township six (6) North, Range Twenty-one (21) West of the Montana Meridian, particularly described as follows to wit:

Beginning at a point which bears South 1321.5 ft., and West 931.6 ft. from the northeast corner of said Section 36, running thence North 4° 53' West 405.2 ft., thence South 65° 07' West 300 ft., thence South 4° 53' East 379.6 ft., and thence East 501 ft. to the place of beginning,— the same having been originally platted as Block No. Nineteen (19) of PINE GROVE TOWNSITE, and a certain strip marked "Reserved" on the plat of said PINE GROVE TOWNSITE, situated between the South line of said plat, and said Block 19."
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.

A certain tract of land, being a part of the NW\(\frac{1}{4}\) of the NE\(\frac{3}{4}\) of Section 36, Township 6 North, Range 21 West, Montana Principal Meridian, in Ravalli County, Montana, consisting of approximately twenty-eight thousand square feet, more or less, which was formerly platted as Lots 3, 4, 5, and 6, Block 9, Pine Grove Townsite, Ravalli County, Montana, now reverted to acreage, and which is located and situated within the boundaries of the hereinafter described premises, together with all and singular the right, title, estate, and interest, if any, of the grantors herein, of, in, and to that portion of a reserved strip of land along the south line of formerly designated Blocks 20 and 21, of the Pine Grove Townsite, Ravalli County, Montana, as said reserved strip is platted and recorded in Volume 1 of Plats, Page 95, of the records of the Clerk and Recorder of Ravalli County, Montana, and all of the lands, contiguous to and adjoining said lots which were formerly platted as the streets and alleys of said Pine Grove Townsite, Ravalli County, Montana, insofar as the right, title, estate, and interest, if any, of said grantors, of, in, and to said reserved strip, streets and alleys may now exist, or hereafter be acquired, insofar as said lands are included within a tract of land which is more particularly described as follows, to-wit:

Beginning at a point in the westerly margin of Fourth Street located south 46° 27.8' west 1,332.03 feet from the northeast corner of said Section 36, said point being opposite a bench marker on the curb adjoining Fourth Street; thence North 04° 56' west and running at an interior angle of 90° from the northerly line of a tract of land owned by the United States of America 260 feet along the westerly margin of Fourth Street to a concrete monument at the southeast corner of the land now or formerly owned by Mrs. Carolyn Ziebarth; thence with the southerly line of the Conway land south 85° 04' west 980 feet to a concrete monument; thence north 04° 56' west 100 feet to a concrete monument in the southerly line of the land now or formerly owned by Howard N. Bates; thence with this line of the Bates land south 85° 04' west 500.9 feet to a concrete monument in the easterly line of land now or formerly owned by the Anaconda Copper Mining Company; thence with the easterly line of this land south 0° 41.8' west 620.56 feet to a concrete monument, which point is the southwest corner of the NE\(\frac{3}{4}\) of said Section 36; thence at an interior angle of 89° 18'.12' from the last mentioned line of this land and running with the northerly line of the land now or formerly owned by Elijah D. Tarbrough east 1426.69 feet to the northeast corner of the land owned by the United States of America; thence at an interior angle of 89° 04' from the last mentioned line of this land and running north 04° 56' west 379.3 feet to a marker; thence with the northerly line of the land now owned by the United States of America and running at an interior angle of 90° from the last mentioned line of this land north 85° 04' east 500 feet to the beginning, containing 26,399.3 acres, more or less.
A portion of the northeast quarter of the northeast quarter of Section 36, Township 6, north, range 21 West, M.P.M., described as follows: Beginning at a point which bears south 1321.5 feet and west 931.6 feet from the northeast corner of Section 36, running thence north 4° 56' west 405.2 feet; thence running north 85° 4' east 80 feet; thence south 4° 56' east 412.14 feet; to the south line of the northeast quarter of the northeast quarter of Section 36; thence west 80.29 feet to the place of beginning, and being all of that portion of Fourth Street lying on the west side of Block 18, Pine Grove Townsite, and the east side of what was formerly Block 19 of the Pine Grove Townsite, and south of Grove Street, to the quarter section line; also a parcel of land in the northeast quarter of the northeast quarter of Section 36, township 6 North, Range 21 West, M. P. M., described as beginning at a point, which point is 851.31 feet west of the southeast corner of the northeast quarter of the northeast quarter of Section 36; thence running north 4° 56' west 12.14 feet; thence north 85° 4' east 140 feet; thence south 4° 56' east 24.24 feet; thence west 140.52 feet to the place of beginning and being an irregular tract lying south of the west half of Block 18, Pine Grove Townsite, Ravalli County, Montana, and extending to the quarter section line.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: James E. Jackson
Address: 924 S. 2nd St., Hamilton, Mont.

Driller: Rollman Ray
Address: Hamilton, Montana

Date of Notice of Appropriation of Groundwater: 1961

Date well started: 1961
Date Completed: 1961

Type of well: Drilled
Equipment Used: Drill

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

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

<table>
<thead>
<tr>
<th>Rise of Drilled Hole</th>
<th>Site and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4'</td>
<td>6' id iron pipes</td>
<td>0</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 15 feet.
Shut-in Pressure for Flowing Well: 40
Pumping Water Level: 15 feet at 100 gal. per minute.
Discharge in gal. per min. of flowing well: 17

How Tested: Length of Test

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

1/10th acre

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.
I certify that I received and filed this instrument on this
1st day of September, 1964, at 9:30 o'clock A.M.

J. T. Moore
COUNTY RECORDER

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

Owner: L. L. Le Duc  Address: Hamilton, Mont.
Driller: Bill Anderson  Address: Hamilton, Mont.

Date of Notice of Appropriation of Groundwater: May 13, 1965
Date Completed: May 15, 1965
Type of well: Drilled
Equipment Used: Down Drilling

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

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

<table>
<thead>
<tr>
<th>Size of Drilling Holes</th>
<th>Size and Weight of Carrier</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td></td>
<td>10.76</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 10 feet.
Shut-in Pressure for flowing Well:...
Pumping Water Level: 15 feet at 10 gal. per minute.
Discharge in gal., per min. of flowing well: 16 gal./min.
How Tested:...
Length of Test: 24 hr.

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

33
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 Appropriate.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 337, Montana Session Laws, 1961)

Owner: McDermott
Address: Butte, Ravalli County
Driller: McNulty
Address: Ravalli County
Date of Notice of Appropriation of Groundwater: APR 15 1966
Date well started: APR 15 1966
Date Completed: APR 15 1966
Type of well: Drilled
Equipment Used: Churn.

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

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, 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 17 feet.
Shut-in Pressure for Flowing Well
Pumping Water Level 19 feet at 10 gal. per minute.
Discharge in gal. per min. of flowing well 20 gal.
How Tested: Screening Length of Test 20
Remarks: (Gravel packing, cementing, packers, type of shutoff, Location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.

Driller's License Number
Driller's Signature

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

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

1. Lottie N. Long, of 103 S. 4th, 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:

<p>| | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>W</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>36</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

On N 45.6 ft of Edgemont Addition
Lot 3 of Blk 3 in
SE 1/4 NE Sec36 T6N R 21W

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

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

4. The amount of groundwater claimed (in minor'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: Lottie N. Long
Date: Oct 28, 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 Nov., 1963, at 4:00 o'clock P.M.

F. G. Moore
Deputy Recorder

Shirley Smith, Deputy