STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
<th>County</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

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.

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 land on which water has been applied and name of the owner thereof.

6. The means for withdrawing such water from the ground and the location of each well or other means of withdrawal, including reference to book and page of any county record.

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 The estimated amount of groundwater withdrawn each year.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: 

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 31st day of Dec., 1963, at 5:39 o'clock P.M.

F. J. Moore
County Recorder

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

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

1. 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, Livestock

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      Jan 1, 1937

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

   5. If used for irrigation, give the acreage and description of the land on which water has been applied and name of the owner thereof
      10 Acre

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
      100 HP. Jet. Type: 1/4, HP. for ground. E. P. 3 X 3

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      1/1/1937

   8. The depth of water table in feet
      10 feet

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
      Driven Well: 10 ft. in depth

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 The estimated amount of groundwater withdrawn each year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

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

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

   Signature of Owner:

   Date:

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

**Top of Ground**

(Approx) Elev. above sea level _3960_

### Formations Log:

<table>
<thead>
<tr>
<th>Depth</th>
<th>Description</th>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>7 Cobblestones &amp; gravel.</td>
<td>D..M. Galbraith</td>
<td>Hamilton, Montana</td>
</tr>
<tr>
<td>7</td>
<td>18 Sand &amp; gravel mixed with clay.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>35 Tan sand &amp; gravel.</td>
<td>Liberty Drilling Co</td>
<td>Missoula, Montana</td>
</tr>
<tr>
<td>35</td>
<td>36 Yellow sand &amp; gravel.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>38</td>
<td>49 Fine tan sand &amp; gravel.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>49</td>
<td>60 Clean coarse sand &amp; gravel.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

**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) _All water is entering well through slot openings in the Johnson screen_.

**Static Water Level for non-flowing well**: __9__ feet.

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

**Pumping Water Level**: __60__ feet at __150__ gal. per minute.

**Discharge in gal., per min. of flowing well**: __Non-flowing__

**How Tested**: Air Lift Pump Length of Test __Five hours__

**Discharge in gal., per min. of flowing well**: "__Non-flowing__" (Churn, drill, rotary or drilled)

**Equipment Used**: Cable Tools

**Well Drilled**: __Drilled__

**Date well started**: __5/6/56__

**Date Completed**: __5/10/56__

**Type of well**: __Drilled__

**Owner**: __D.M. Galbraith__

**Address**: __Hamilton, Montana__

**Driller**: __Liberty Drilling Co__

**Address**: __Missoula, Montana__

**Date of Notice of Appropriation of Groundwater**: __None filed__

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### Table: Wells Perforations

<table>
<thead>
<tr>
<th>Min of</th>
<th>Max of</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>5 1/8</td>
<td>6D x 1/4</td>
<td>+2 50</td>
</tr>
</tbody>
</table>

**Wire Wound Screen** with continuous slot openings of 100/1000 50' 60'

---

**Static Water Level for non-flowing Well**: __9__ feet.

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

**Pumping Water Level**: __40__ feet at __150__ gal. per minute.

**Discharge in gal., per min. of flowing well**: __Non-flowing__

**How Tested**: Air Lift Pump Length of Test __Five hours__

**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) _All water is entering well through slot openings in the Johnson screen_.

**Driller's License Number**: __William C. Cobaa__

**Driller's Signature**: __William C. Cobaa__

---

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.
I certify that I received and filed this instrument on this 23rd day of May 1961 at 10:05 a.m.

F. E. Moore
COUNTY RECORDER
Fee $2.00
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1940

Owner John P. Freeze Address Hamilton, Montana

Contractor (if any) None

Address of Contractor None

Date Started May 1940 Date Completed July 1940

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

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

Irrigation and stock water

Daily from May until September

Signature of Owner John P. Freeze

Date Dec. 9, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
I certify that I received and filed this instrument on this 30th day of Dec., 1913, at 3:15 p.m.

F. J. Moore
County Recorder

By Harley Keith
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: JOHN FRIEZE  
Address: HAMILTON, MT  

Date well started: 4/17/73  
Completed: 4/22/73  

Type of well: DRILLED  
Equipment used: DRILLING  
Water Use: Domestic  
Industrial  
Other:  

*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: 2.9 GPM  

Top of Ground  
(Elev. above sea level)  

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>10</td>
</tr>
<tr>
<td>10.19</td>
<td></td>
</tr>
<tr>
<td>19.87</td>
<td></td>
</tr>
<tr>
<td>37.52</td>
<td></td>
</tr>
</tbody>
</table>

Kind of Strata:  

<table>
<thead>
<tr>
<th>Kind From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>SAND AND GRAVEL</td>
<td></td>
</tr>
<tr>
<td>HARD PACKED SAND AND GRAVEL</td>
<td></td>
</tr>
<tr>
<td>LIGHT BROWN IN COLOR</td>
<td></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.

Static water level: 30 ft. *  
Pumping water level: 37 ft. *  

*Measured from ground level, Power: 2 HP  
Well developed by: BALIRED  
for hours.  
Remarks: (Gravel packing, cementing packers, type of shutoff)  

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

Driller's Signature:  
Driller's Address: BOX 391, BOZMAN, MT  
LICENSE NO. 245

52 FT. Show exact depth of bottom  

53,507.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. John P. or Emma M. Forcey
(Name of Appropriator)

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

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

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

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

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner

Date

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

/Donald B. Dowling
(Name of Appropriator)

County of: Ravalli
(State of: Montana)

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

1. The beneficial use on which the claim is based:
   Irrigation of 2.3 acres, more or less

2. Date or approximate date of earliest beneficial use and how continuous the use has been:
   Earliest use 1957 and used continuously from that date

3. The amount of groundwater claimed (in miner's inches or gallons per minute): .35 gallons per minute

4. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof:
   Part of lots 1 & 2, Block 3 of "Daily Acres" according to the recorded plat thereof, containing 2.3 acres, more or less

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   A 1½" riser and 1" riser within ½" casing, beginning with the 1½" riser of lot 1, Block 3, Daily Acres 90' south, thence due east to the location of withdrawal

6. The depth of water table:
   35 feet max. to 4½ ft.

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

8. The estimated amount of groundwater withdrawn each year:
   7,000,000 gal.

9. The log of formations encountered in the drilling of each well:
   3½ feet of gravel or loam, 20 feet of clay, and 10½ feet of peat gravel

10. The estimated amount of groundwater withdrawn each year:
   7,000,000 gal.

11. 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: Donald B. Dowling
   Date: December 3, 1965

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
I certify that I received and filed this instrument on this 6th day of Nov., 1957, at 11:57 o'clock A.M.

J. V. Moore
COUNTY RECORDER

By: Shirley Kish
Dputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Frank Delaney
   (Name of Appropriator)
   of 720 4th Ave
   (Address)
   (Town)

   County of Hamilton
   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, garden & lawn

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): 25 gallons

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

   120 acres

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

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

8. The depth of water table
   6 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

10. The estimated amount of groundwater withdrawn each year
    180,000

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: Frank Delaney
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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
I certify that I received and filed this instrument on this 31st day of December, 19-
and 9 o'clock A.M.

F. I. Moore
COUNTY RECORDER

By: [Signature]
DEPUTY
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODS
OFFICE OF STATE ENGINEER

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

1. Syricie Angeles
   (Name of Appropriator)
   102 County
   (Address)
   Hamilton
   (Town)

County of Hamilton

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—2 or 1.5 years.

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner: Syricie Angeles
Date: 7-7-63

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 Appropnator.
I certify that I received and filed this instrument on this 31st day of June, the 19__ at 10:48 A.M.

F. E. Harris
COUNTY RECORDER

Shorey Keith
DEPUTY
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  

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

1. William R. Anderson  
   (Name of Appropriator)  
   Of Box 44, Grantsdale, 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: **domestic and irrigation**

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): **1000 gallons 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:

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:

8. The depth of water table: **about 12 feet**

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

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: William R. Anderson  
Date: November 5, 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 30th day of Dec., 1923, at 11:45 A.M.

[Signature]

F. B. Moore
County Auditor

[Signature]

E. C. Keith
Register

#2480
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Date: Dec. 31, 1963

Name of Appropriator: Beatrice Allen
Address: 107 Shucks Ave, Hamilton
Town: Montana
County: Ravalli
State of Montana

I, Beatrice Allen, of 107 Shucks Ave, Hamilton, 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: May 1952. Continuous

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied; and name of the owner thereof: 25 acres, 3 1/2 ft. deep. Owner: Beatrice Allen

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 2 H.P. Electric Pump

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

8. The depth of water table: 12 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 6 inch, soft drill

10. The estimated amount of groundwater withdrawn each year: 102,500 gallons

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: Book 1, Page 7, Line 19

Signature of Owner: Beatrice Allen

Date: Dec. 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
I certify that I received and filed this instrument on this 31st day of ______, 19__ at ______ o'clock ______ M.

F. G. ______
COUNTY READER

Shirley ______
DEPUTY
STATE OF MONTANA
ADMINISTRATIVE OFFICE OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. CLARENCE E. BULLOCK of 213 Dale Ave, Hamilton
   (Name of Appropriator) (Address) (Town)
   County of HAMILTON 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:

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

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

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

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

   8. The depth of water table:

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

   10. The estimated amount of groundwater withdrawn each year:

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

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

   Signature of Owner:

   Date:

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
I certify that I received and filed this instrument on this 31st
day of November, 1926.

[Signature]

[Signature]

[Date: 12/2/1926]
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: William Brady
Address: Hamilton, Montana

Driller: Liberty Drilling Co
Address: Missoula, Montana

Date of Notice of appropriation of groundwater: July 17, 1967

Date well started: July 17, 1967
Date completed: July 18, 1967

Type of well: Drilled
Equipment used: Cable Tools
(Dog, 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.

The water rises in the well 4'6" from surface.

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

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

Driller's License Number

Driller's Signature

42.318
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: A. D. Brown
Address: Hamilton, Mont

Driller: Bill Anderson
Address: Hamilton, Mont

Date of Notice of Appropriation of Groundwater

Date well started: Sept 10, 1964 Date Completed: Sept 14, 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.

Calculation of Static Water Level for non-flowing Well

Static Water Level: 6 feet

Shut-in Pressure for Flowing Well

Pumping Water Level: 12 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well: 200 gal. per min.

How Tested: Pump Length of Test: 24 hours

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)

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.
R.I. County recorder.

I certify that I received and filed this instrument on this day of 19__ at ___ o'clock A.M.

Recorded No. ___.  Filed No. ___.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Jack Carson
Address: Kewstoke, Mont.

Driller: Bill Anderson
Address: 123 Main St., Butte, Mont.

Date of Notice of Appropriation of Groundwater

Date well started: Feb. 5, 64
Date Completed: Feb. 20, 64

Type of well: Drilled
Equipment Used: Churn drill
(dug, driven, bored 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.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Press (Feet)</th>
<th>Vs (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 in.</td>
<td>5 in.</td>
<td>0</td>
<td>33</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well 16 feet.
Shut-in Pressure for Flowing Well
Pumping Water Level 18 feet at 15 gal. per minute.
Discharge in gal., per min. of flowing well 25 gal., per min.

How Tested: Pump
Length of Test 16 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)

Owner's Signature:

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.
## MONTANA BUREAU OF MINES AND GEOLOGY

**Butte, Montana**

### WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>John Cain</th>
<th>Address</th>
<th>Hamilton, Mont.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Norman C. Ray</td>
<td>Address</td>
<td>Hamilton, Mont.</td>
</tr>
<tr>
<td>Date Started</td>
<td>Apr. 1, 1959</td>
<td>Date Completed</td>
<td>Apr. 3, 1959</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 30 T. 6 R. 20 W 1/4</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Type of well:** Drilled

**Equipment used:** (Rotary, jet, auger, other)

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

**Casing:**
- 37 ft. to ______ ft. Type ______ Size ______
- ______ ft. to ______ ft. Type ______ Size ______
- ______ ft. to ______ ft. Type ______ Size ______

**Perforated or Screened:**
- ______ ft. to ______ ft. Fl. ______ to ______ ft. ______

**Type of screen or perforations:**

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

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

**Pumping water level:** ______ feet at ______ gal. per min.

**How tested:**

**Length of test:**

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

**Depth of well:** ______ feet

---

*State Engineer*

---

(over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 2</td>
<td>Pit</td>
</tr>
<tr>
<td>2 - 15</td>
<td>Gravel &amp; Boulders</td>
</tr>
<tr>
<td>15 - 30</td>
<td>Fine sand</td>
</tr>
<tr>
<td>30 - 31</td>
<td>Gravel &amp; Boulders</td>
</tr>
<tr>
<td>31 - 36</td>
<td>Fine sand &amp; water</td>
</tr>
<tr>
<td>36 - 38</td>
<td>Hardpan - no water</td>
</tr>
<tr>
<td>38 - 40</td>
<td>Gravel</td>
</tr>
</tbody>
</table>
John and Mildred Cain
of Box 327, Hamilton, Montana

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

2. The beneficial use on which the claim is based
Sanitation, Irrigation and General Household Uses

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
April 15, 1959

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

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
Lot 13 & 14, Block 2, Tammany Addition

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Drilled Well in Lot 14, Block 2, Tammany Addition

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
April 15, 1959

8. The depth of water table
40 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, 6-inch casing, 40 Feet Deep

10. The estimated amount of groundwater withdrawn each year
25,000 Gallons

11. The log of formations encountered in the drilling of each well if available
2 Foot Pit, 2 to 15 feet gravel and boulders; 15 to 30 feet fine sand; 30 to 31 feet gravel and boulders; 31 to 36 feet fine sand and water; 36 to 38 feet hard pan no water; 38 to 40 feet gravel and water.

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
Mildred Cain
Date July 29, 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Dorothy L. Cannon
   (Name of Appropriator)
o. 219 Dale Avenue
   (Address)
   Hamilton
   (Town)

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. 1936 - Continuous.

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

5. If used for irrigation, give the acreage and description of the land
   to which water has been applied and name of the owner thereof:
   Not applicable.

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

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

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. Pump. HP.

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

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,

Records at office of Ravalli County Clerk & Recorder

Signature of Owner:

Date: Dec 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana
Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
I certify that I received and filed this instrument on this 31st day of Dec., 1904, at 12 o'clock P.M.

F. G. Moore

County Recorder

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

Owner: Evert CHRISTENSEN
Address: 1100 E., 5th., M.

Driller: C. W. WATTS
Address: 1234, 6th., W.

Date of Notice of appropriation of groundwater: JUNE 2, 1966
Date well started: JUNE 2, 1966
Date completed: JUNE 6, 1966

Type of well: DUG
Equipment used: CHISEL
(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.

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

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

Driller's License Number

Driller's Signature
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Carleton M. and Joan B. Clifford, of Route 2, Box 293, Hamilton, Montana,
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>E 1/2</th>
<th>NE 1/4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sec 30</td>
<td>T6N R20E</td>
</tr>
</tbody>
</table>

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

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

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   - 1/2 to 1-acre irrigated, land owned by Carleton M. and Joan B. Clifford.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - 3/4 hp. submersible electric pump, located north of house.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   - During 1951.

8. The depth of water table:
   - Approx. 70 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:
   - 100 to 115 ft. with a 3/4 in. casing.

10. The estimated amount of groundwater withdrawn each year:
    - Approx. 1,000,000 gal. per yr.

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

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

Signature of Owner: Carleton M. Clifford
Date: 12-30-63

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 Appropiator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

County of: 
State of: 

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

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

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

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

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

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

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

8. The depth of water table: 

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

10. The estimated amount of groundwater withdrawn each year: 

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

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

Signature of Owner: 
Date: 

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

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

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

12880
I certify that I received and filed this instrument on this day of , 67 or 5:53 o'clock P.M.


COUNTY RECORDER

DEPUTY
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Trinity Melich, Address: Hamilton, Mont.
Driller: Bill Anderson, Address: Hamilton, Mont.
Date of Notice of Appropriation of Groundwater: April 13, 1970
Date well started: April 13, 1970
Date completed: April 14, 1970
Type of well: Drilled
Equipment Used: Drilled
Water Use: Domestic

Type of Water-Bearing Strata in the Well:
- Top of Ground: Rock, Gneiss
- 10: Sand
- 15: Gravel
- 20: Gravel
- 25: Gravel
- 30: Gravel
- 35: Gravel
- 40: Gravel
- 45: Gravel
- 50: Gravel
- 55: Gravel
- 60: Gravel

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 Cutting</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>10</td>
<td>20</td>
<td>0</td>
<td>3.7</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 15 feet.
Shut-in Pressure for Flowing Well: 20 feet at 8 gal. per minute.
Pumping Water Level: 20 feet at 8 gal. per minute.
Discharge in gal., per min. of flowing well: 15 gal/min.
Length of Test: 3

Remarks: (Gravel packing, cementing, packers, type of shutoff, Location of plow 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: 33
Driller's Signature: Bill Anderson

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

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

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

4/20/1
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Admirand Pauline Olin, a/sa 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: Irrigation and house use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 1951.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 800.

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: 30 acres, 30 acres. (Leased to Montana State Cattle Company.)

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: June 1951.

8. The depth of water table: 35 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: Well drilled 25 feet deep.

10. The estimated amount of groundwater withdrawn each year: 50,000.

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

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

Signature of Owner: Adrin Olin.

Date: Dec 18, 1963.

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
DEPARTMENT OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. C. C. Owens
   Address: 3720 4th St., Helena
   (Town)

2. The beneficial use on which the claim is based
   livestock
   and stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   Continuously
   (from January 1, 1962)

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   25 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
   not applicable

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   (month, day, year)
   (January 1, 1962)

8. The depth of water table
   Fifteen 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
   unknown

10. The estimated amount of groundwater withdrawn each year
    15,000 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 book and page of any county record
    unknown

Signature of Owner: C. C. Owens
Date: 1/2/27

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 5th day of Dec. 1963, at 9:22 A.M.

F. W. Moore

By: Shirley K. Thoms
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: Charles T. Crowe
Address: Hamilton, Montana

Date well started: July 17, 1972
Completed: July 18, 1972

Type of well: Drilled

Equipment used: Pump

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

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Height of Casing</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>KIND</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>17 1/2 ft</td>
<td>34</td>
<td>1/2</td>
<td>28</td>
<td>34</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 17 ft.
Pumping water level: 22 ft.
3.4 gpm, 25 gpm...gallons per minute, measured...minutes after pumping began.

*Measured from ground level.

Well developed by: Cementing...
for: 4 hours.

Power: Pumping, HP

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

X: 100 FT.

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

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

LICENSE NO: 14
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: May 1, 1961
Owner: C. C. Davis
Address: Hamilton, Montana
Contractor (if any): 
Address of Contractor: 
Date Started: Date Completed: 

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. "Natural source for sub-irrigation and springs, that flowed on a normal grade for approximately .

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

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

Signature of Owner: C. C. Davis
Date: 12/27/43

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Tripplicate to the Montana Bureau of Mines and Ecology 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, 1981)

Charles Petty and Norval Petty
Route 2 Box 209
Hamilton, Mont.

David S. & Helen L. Webber
Route 2 Box 210
Hamilton, Mont.

County of Ravalli, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1982, as follows:

1. Name of Appropriatee: Charles Petty and Norval Petty
   Address: Route 2 Box 209 Hamilton, Mont.
   Benefit: General household use including watering of lawns, shrubs, trees, etc.

2. The beneficial use on which the claim is based:
   General household use including watering of lawns, shrubs, trees, etc.

3. Date or approximate date of earliest beneficial use and how continuous the use has been:
   May 14, 1955 and has been in continuous use since that date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   Wall driller's log shows capacity of well to be 5,000 gal per hour or more.

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:
   Property consists of approx. 1.32 acres, which is served by the well for Potter and one acre for Zebars.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   3/4 horse submerged pump (Klaestra)

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   Drilling started on May 3rd, 1955 and was completed on May 14, 1955.

8. The depth of water table:
   Wall is 169 feet deep and water level is around 83 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 withdrawal of groundwater:
   Above wall is the only well on the property.

10. The estimated amount of groundwater withdrawn each year:
    Estimate between 50,000 and 100,000 gal per year.

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

   Signature of Owner:
   Date: 12/31/63

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 School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 327 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 this form may be returned.

Owner
Thomson

Date well started
Aug. 17-62

Type of well
Drilled

Equipment used
Charm 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).

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

Driller’s Signature
William Anderson

Driller’s Address
440 Box 35

LEGAL DESCRIPTION:

Show exact depth of bottom

53.026
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

County of 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>Block</th>
<th>Sec</th>
<th>T</th>
<th>R</th>
</tr>
</thead>
<tbody>
<tr>
<td>W</td>
<td>30</td>
<td>6</td>
<td>20</td>
</tr>
</tbody>
</table>

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

1. Chester M. Roberts  
   (Name of Appropriator)  
   102 Daly Ave  
   Hamilton Mont  
   (Address)  
   (Town)

2. The beneficial use on which the claim is based

3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
   July 24, 1963  
   Continuous

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

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

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  
   July 22, 1963  
   July 24, 1963

8. The depth of water table  
   28 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

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available
   3ft. dirt  
   15ft. gravel  
   28ft. sand  
   31ft. hard pan  
   37ft. sand  
   38ft. gravel

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

Signature of Owner  
Chester M. Roberts

Date  
July 25, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
I certify that I received and filed this instrument on this ______ 26th day of ______ July ______ in 63 at 11:30 o'clock A.M.

F. G. Moore
County Recorder

[Signature]

Secretary
## Montana Bureau of Mines and Geology

### Water Well Log

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Chester H. Roberts</td>
</tr>
<tr>
<td>Address</td>
<td>102 Daly, Hamilton, Mont.</td>
</tr>
<tr>
<td>Driller</td>
<td>Chester H. Roberts</td>
</tr>
<tr>
<td>Date Started</td>
<td>Dec. 20, 1958</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Dec 22, 1958</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 30, T. 6, R. 20, 1/4 sec. Part of W. 6th S.W.</td>
</tr>
</tbody>
</table>

### Details

- **Type of well:** Drilled
- **Equipment used:** Churn
- **Water use:** Domestic
- **Casing:** 35 ft. to 75 ft. Type, Size: 1\(\frac{1}{8}\)
- **Perforated or Screened:** Ft. to Ft. Type, Size:
- **Type of screen or perforations:**
- **Static Water level, for non-flowing well:** 25 ft.
- **Shut-in pressure, for flowing well:** lb./sq. in. on: (date)
- **Pumping water level:** feet at gallons per min.
- **How tested:**
- **Length of test:**
- **Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

### Additional Information

- **Location:** Butte, Montana
- **County:** Ravalli

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(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 35</td>
<td>Gravel &amp; Boulders, Ice</td>
</tr>
</tbody>
</table>

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