ARThUR J. REYNOLDS

To:

THE PUBLIC

WATER WELL

STATE OF MONTANA
COUNTY OF BILL
Filed on: 28 FEB 1972

FEE: $2.00 pd.

INDEXED
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater
Owner: William B. Brown
Address: Havre, Mont.

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. A spring feeds into

a natural reservoir

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.

IT FILLS A RESERVOIR ABOUT
60 FT. LONG X 15 FT. WIDE
4.3 FT. DEEP

Signature of Owner: William B. Brown
Date: Dec. 17, 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
School of Mines and Quadruplicate for the Appropriator.
WILLIAM E. BROWN

TO

THE PUBLIC

COMPLETION OF GROUNDWATER
WITHOUT A WELL

STATE OF MONTANA
COUNTY OF HILL
Filed at 10:30 o'clock A.M. on 2/23/1963

Fees $2.00 pd.
396817

WILLIAM E. BROWN

TO

THE PUBLIC

COMPLETION OF GROUNDWATER
WITHOUT A WELL

STATE OF MONTANA,
COUNTY OF HILL
Filed at 3:30 o'clock P.M.
ON
December 30, 1963

COUNTY CLERK

DEPUTY

Fees $2.00 pd.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater
Owner: Richard W. Brown
Address: Shambozte, Mont.
Contractor (if any): Home
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.

Quantity of water developed and used with explanation of meth-
od used to measure or estimate such amount. If use is intermit-
tent estimate approximate lengths of periods of use

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

Signature of Owner: Richard W. Brown
Date: Dec 10, 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
School of Mines and quadruplicate for the Appropriator.
RICHARD W. BROWN

TO

THE PUBLIC

NOTICE OF COMPLETION OF GROUND WATER APPROPRIATION WITHOUT WELL

STATE OF MONTANA

COUNTY OF HILL

DATED at 11 o'clock A.M.

ON DECEMBER 13, 1963

R. E. Blom
COUNTY CLERK

Pursuant to Section 396513.

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

State of Montana
Administrator of Groundwater Code
Office of State Engineer

Ray Lahl -- of Shadbo Route 4, Helena, Montana

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

1. Name of Appropriator
2. Address
3. Town

County of
State of

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

5. The date or approximate date of earliest beneficial use; and how continuous the use has been.

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

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.
396678

LOT

TO

THE PUBLIC

DECLARATION OF POSTED GROUND
WATER WELLS

STATE OF MONTANA,
COUNTY OF HILL,

Filed at ___ o'clock A.M.

ON DEC 20 1963

R.E. P.
COUNTY WELLS

Fee: $2.00 pd.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: FULLER, ROBERT
Address: ROBERT, ROUTE

Driller: NO DRILLING CO.
Address: MONTANA

Date of Notice of appropriation of ground water: 1966

Type of well: 
- Drill, drove, bored or 
- Churn, drill, rotary 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>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>9 in.</td>
<td>3 in.</td>
<td>17 ft.</td>
<td>77 ft.</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested

Length of Test

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

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 Appropriator.
RAYMOND TOW

TO

THE PUBLIC

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION

STATE OF MONTANA,
COUNTY OF HILL

Filed at 8:00 o'clock Em

FEB 10 1969

R. E. BLOM
COUNTY CLERK

fee: $2.00 paid
DECLARATION OF VESTED GROUNDFWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDFWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

1. Carl Becker, or Stansell House (Name of Appropriator) (Address) (Town)
County of Montana, State of Montana
Have appropriated groundwater according to the Montana laws in effect prior to Jan. 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 since that date:

4. The amount of groundwater claimed (in miner's inches or gallons per minute), 13, 000.

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, March 17, 1962.

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 & 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 & Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

(State Engineer) (Under Chapter 237, Montana Session Laws, 1961)

1. Roy A. Berger of Box 629 Havre,
   (Name of Appropriator) (Address) (Town)

   County of Hill State of Montana

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

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Homestead days. About 1930.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute). Two hundred gallons (200) 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: Water pump, located on SW corner of Sec. 24, Twp. 31 N., R. 14 E., M.

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

   8. The depth of water table. Twenty-nine (29) 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. Type—drilled; Size—6" hole; Depth—90 feet.

   10. The estimated amount of groundwater withdrawn each year. Has not been in use for many years.

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

   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. No record.

   Signature of Owner: Roy A. Berger

   Date: Dec. 10, 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.

Three copies to be filed with the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.

767
396168

For A. B. Brown

To

The Public

Declaration of Vested Ground Water Rights

State of Montana,
County of Hill
Filed at __________, __________.

On __________, 1963

R. E. Brown

County Clerk

Fee: $2.00 pd.
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. 

<table>
<thead>
<tr>
<th>Name of Appropnator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>William Brown</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

County of: Hill

State of: Montana

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

<table>
<thead>
<tr>
<th>The beneficial use on which the claim is based</th>
</tr>
</thead>
<tbody>
<tr>
<td>Stock Water</td>
</tr>
</tbody>
</table>

3. 

Date or approximate date of earliest beneficial use; and how continuous the use has been: 1917

It was used from 1917 to 1930 but has not been used since

4. 

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

<table>
<thead>
<tr>
<th>Name</th>
</tr>
</thead>
</table>

6. 

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

| Hand Pump |

7. 

The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Not known

8. 

The depth of water table: 55 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: It was dug by hand.

It is about 3 ft. square & 5 ft. deep

10. 

The estimated amount of groundwater withdrawn each year: Not known

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: William Brown

Date: 12/11/63

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.
STATE OF MONTANA
COUNTY OF HILL
Filed at 5:30 o'clock p.m.
ON DEC 6, 1963

COUNTY CLERK

FAX 82.00 pd.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Richard M. Brown
Address: Havre, Montana
Driller: Hi-Line Drilling Service
Date of Notice of Appropriation of Groundwater: Aug. 6, 1963
Date well started: Aug. 6, 1963
Date well completed: Aug. 13, 1963
Type of well: Drilled
Equipment Used: Cable-Tool

Water Use: Domestic

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

<table>
<thead>
<tr>
<th>Strata</th>
<th>Size of Casing Installed</th>
<th>Feet</th>
<th>Kind</th>
<th>Size and Weight of Casing</th>
<th>From</th>
<th>To</th>
<th>Feats</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top + Subsoil</td>
<td>15'</td>
<td>0</td>
<td>1/2&quot;</td>
<td></td>
<td></td>
<td>40</td>
<td></td>
</tr>
<tr>
<td>Sand &amp; Gravel, Water</td>
<td>40&quot; per foot</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grey Clay</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blue Clay</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blue Shale</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 24 feet.
Shut-in Pressure for Flowing Well: Not Applicable.
Pumping Water Level: 39 feet at 3 gal. per minute.
Discharge in gal. per min. of flowing well: Not Applicable.
How Tested: Bore + Pump
Length of Test: 41 Hours.

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.) Considerable sand problem. Sand replaced with 2 yards of 1/2 well-rounded gravel. Well above static level - Surface cemented to prevent contamination.

Driller's License Number

Driller's Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
394/863

RICHARD W. BROWN

TO

THE PUBLIC

GROUNDWATER RIGHTS # 2

COUNTY OF HILL

MEETING AT 9:00 AM

ON AUGUST 1963

R. E. HOB.
COUNTY CLERK

PARK OF MONTANA

P. M.

FEE: $2.00 pd.

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. Robert H. Siegel
   (Name of Approporator)

   of
   (Address)
   of
   (Town)
   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
   Home

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   Oct 15, 1956

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Oct 15, 1956

8. The depth of water table
   33 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
   37 feet deep

10. The estimated amount of groundwater withdrawn each year
    not applicable

11. The log of formations encountered in the drilling of each well if available
    not applicable

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
    formation

Signature of Owner
Robert H. Siegel
Date: Jan 2, 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; quadruplicate for the Approporator.
DOCUMENT NO. 386856

HUBERT H. SIEGEL

TO

THE PUBLIC

DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA)
COUNTY OF HILL

FILED on 1-20-1962

ON JUN 4 1962

G.C. YEOE
COUNTY CLERK

BY DEPUTY

FEE $2.00 PAID
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Edward J. Cook, of 1231 2nd Ave, (Name of Appropriator)
   (Address) 
   (Town) 
   Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:

2. The beneficial use on which the claim is based: Domestic (House & Stock) Irrigate Garden

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

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

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: Garden Plot (Approximately 1 A.)

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal (Hand Pump & Engine

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Approx. 1915

8. The depth of water table: 20 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Curbing 30 ft. (Eng well)

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

11. The log of formations encountered in the drilling of each well if available: Clay - gravel (30 ft)

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: Edward J. Cook
Date: Dec. 26, 1965

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Appropriator.
396820

D. J. D.

TO

THE PUBLIC

APPLICATION OF VESTED INTEREST

TO ~ RENTS

STATE OF MONT. SS.
COUNTY OF HILL

Filed at 2 o'clock, A.M.
ON 12-2-1983
COUNTY CLERK

For $2.00 pd.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>Max Thimm</td>
<td>Grant</td>
<td>22-5320</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Max Thimm</td>
<td>Grant</td>
<td>93-5320</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>M. &amp; L. Conard</td>
<td>Grant</td>
<td>22-5372</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Max Thimm</td>
<td>Grant</td>
<td>93-5372</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Jack Hulldin</td>
<td>Grant</td>
<td>22-5372</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>F. A. Holida</td>
<td>Grant</td>
<td>93-5372</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>F. A. Holida</td>
<td>Grant</td>
<td>22-5372</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Jack Hulldin</td>
<td>Grant</td>
<td>93-5372</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>F. A. Holida + N. Helis</td>
<td>Grant</td>
<td>22-5372</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Nancy Horner</td>
<td>Grant</td>
<td>93-5372</td>
<td></td>
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<td>32</td>
<td>Nancy Horner</td>
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<td>93-5372</td>
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</tr>
<tr>
<td>33</td>
<td>Bob A. Estin</td>
<td>Grant</td>
<td>93-5372</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Bob A. Estin</td>
<td>Grant</td>
<td>93-5372</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>W. T. Childress</td>
<td>Grant</td>
<td>93-5372</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>Frank Cook</td>
<td>Grant</td>
<td>93-5372</td>
<td></td>
</tr>
<tr>
<td>37</td>
<td>Frank Cook</td>
<td>Grant</td>
<td>93-5372</td>
<td></td>
</tr>
</tbody>
</table>
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>MAX BERNOCK</td>
<td>BUTTE, MONTANA</td>
</tr>
</tbody>
</table>

Driller: SIMPSON DRILLING CO  Address: MONTANA

Date Started: APRIL 13, 1961  Date Completed: APRIL 30, 1961

Location: Sec. 5 T. 13 R. 15 sec. 1

Type of well: Drilled  Equipment used: Rotary

Water use: Domestic  Municipal  Stock  Irrigation

Industrial  Drainage  Other:

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type 6 &amp; 8</th>
<th>Size 64 inch</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 ft. to 510 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td>Type 14 &amp; 16</td>
<td>Size 50 inch</td>
</tr>
<tr>
<td>510 ft. to ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td>Type 14 &amp; 16</td>
<td>Size 50 inch</td>
</tr>
<tr>
<td>ft. to 75 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Ft. 280 - 300</td>
<td></td>
</tr>
<tr>
<td>75 ft. to 300 ft.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Type of screen or perforations: Drilled 1 inch below

Static Water level, for non-flowing well: 395 feet

Shut-in pressure, for flowing well: 7 lb/sq. in. on: (date)

Pumping water level: 360 feet at 7 gal. per min.

How tested: bailer

Length of test: 5 hours

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

Packers were used above the top of each perforation

These were placed at 70 280 300 325 350 420 feet

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>tan clay</td>
</tr>
<tr>
<td>15</td>
<td>blue clay</td>
</tr>
<tr>
<td>20</td>
<td>dark brown clay</td>
</tr>
<tr>
<td>25</td>
<td>black shale</td>
</tr>
<tr>
<td>30</td>
<td>soft sandstone</td>
</tr>
<tr>
<td>35</td>
<td>light blue shale</td>
</tr>
<tr>
<td>130</td>
<td>rock layer</td>
</tr>
<tr>
<td>140</td>
<td>light-blue shale</td>
</tr>
<tr>
<td>150</td>
<td>hard sandstone</td>
</tr>
<tr>
<td>155</td>
<td>light blue shale with thin rock layers</td>
</tr>
<tr>
<td>175</td>
<td>rock layer</td>
</tr>
<tr>
<td>220</td>
<td>light blue shale, some dark streaks</td>
</tr>
<tr>
<td>250</td>
<td>dark sandstone</td>
</tr>
<tr>
<td>270</td>
<td>light blue shale</td>
</tr>
<tr>
<td>300</td>
<td>sandstone</td>
</tr>
<tr>
<td>308</td>
<td>light blue shale</td>
</tr>
<tr>
<td>322</td>
<td>dark sandstone</td>
</tr>
<tr>
<td>325</td>
<td>light green &amp; tan shale and sandstone layers</td>
</tr>
<tr>
<td>335</td>
<td>sandstone</td>
</tr>
<tr>
<td>355</td>
<td>sandstone &amp; shale layers</td>
</tr>
<tr>
<td>355</td>
<td>tan shale</td>
</tr>
<tr>
<td>375</td>
<td>rock layer</td>
</tr>
<tr>
<td>390</td>
<td>tan shale</td>
</tr>
<tr>
<td>395</td>
<td>rock layer</td>
</tr>
<tr>
<td>420</td>
<td>tan shale</td>
</tr>
<tr>
<td>430</td>
<td>sandstone</td>
</tr>
<tr>
<td>435</td>
<td>green shale</td>
</tr>
<tr>
<td>490</td>
<td>rock layer</td>
</tr>
<tr>
<td>500</td>
<td>dark grey shale</td>
</tr>
<tr>
<td>510</td>
<td>sandstone — lost circulation</td>
</tr>
<tr>
<td>520</td>
<td>rock layer</td>
</tr>
<tr>
<td>530</td>
<td>black shale</td>
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<td>550</td>
<td>black shale</td>
</tr>
<tr>
<td>Depth (ft)</td>
<td>Description</td>
</tr>
<tr>
<td>-----------</td>
<td>-------------</td>
</tr>
<tr>
<td>226</td>
<td>light blue shale some dark streaks</td>
</tr>
<tr>
<td>280</td>
<td>dark sandstone</td>
</tr>
<tr>
<td>290</td>
<td>light blue shale</td>
</tr>
<tr>
<td>300</td>
<td>sandstone</td>
</tr>
<tr>
<td>308</td>
<td>light blue shale</td>
</tr>
<tr>
<td>312</td>
<td>dark sandstone</td>
</tr>
<tr>
<td>323</td>
<td>light green &amp; tan shale and sandstone layers</td>
</tr>
<tr>
<td>335</td>
<td>sandstone</td>
</tr>
<tr>
<td>337</td>
<td>sandstone &amp; shale layers</td>
</tr>
<tr>
<td>355</td>
<td>tan shale</td>
</tr>
<tr>
<td>374</td>
<td>rock layer</td>
</tr>
<tr>
<td>376</td>
<td>tan shale</td>
</tr>
<tr>
<td>380</td>
<td>sandstone</td>
</tr>
<tr>
<td>385</td>
<td>rock layer</td>
</tr>
<tr>
<td>398</td>
<td>tan shale</td>
</tr>
<tr>
<td>420</td>
<td>sandstone</td>
</tr>
<tr>
<td>433</td>
<td>sandstone</td>
</tr>
<tr>
<td>450</td>
<td>green shale</td>
</tr>
<tr>
<td>457</td>
<td>rock layer sandstone loose in well</td>
</tr>
<tr>
<td>459</td>
<td>dark grey shale</td>
</tr>
<tr>
<td>476</td>
<td>sandstone lost circulation</td>
</tr>
<tr>
<td>478</td>
<td>rock layer</td>
</tr>
<tr>
<td>480</td>
<td>black shale</td>
</tr>
<tr>
<td>490</td>
<td>black shale</td>
</tr>
</tbody>
</table>
DECLARATION OF VESTED GROUNDWATER RIGHTS

1. Name of Appropria
tor: Mary F. Neumark
Address: Neumark, Mt.
County: Gall
State of Mont.

2. The beneficial use to which the claim is based: Water cattle & trucking.

3. Date or approximate date of earliest beneficial use and how continuous the use has been: Dec. 3, 1962, every day.

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

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

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(s), 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: Mary F. Neumark

Date: March 2, 1962

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Appropriator.
DOCUMENT NO. 368397

MAX F. NEUWERTH

TO

THE PUBLIC

DECLARATION OF VESTED
GROUNDWATER RIGHTS

STATE OF MONTANA
COUNTY OF HILL
Filed at 10 o'clock a.m.

ON APR 23 1962

G. C. YERON COUNTY CLERK

Fee $2.00 paid
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1919

Owner: 
Address: 

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.

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: 
Date: 6/19/63

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
M. R. CROWE

TO

THE PUBLIC

NOTICE OF COMPLETION OF
GROUND WATER APPROPRIATION 

STATE OF MONTANA, COUNT Y OF HILL
Filed at 1:00 o'clock P.M.
ON AUG 22 1963

FEE: $2.00 pd.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

**Owner:** Max Nouworth  **Address:** Havre, Montana

**Driller:** Simpson Drilling Co.  **Address:** Malta, Montana

**Date Started:** October 3, 1960  **Date Completed:** October 12, 1960

**Location:** Sec 17  T 31  R 15  1/4 sec NE

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Churn</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

**Casing:**
- 0 ft. to 385 ft.  **Type:** Steel  **Size:** 6 5/8

**Perforated or Screened:**
- 305 ft. to 338 ft.

**Type of screen or perforations:** Slots with cutting torch

**Static Water level,** for non-flowing well: 140 feet.

**Shut-In pressure,** for flowing well: 10 lb./sq. in. (date)

**Pumping water level:** 200 feet at 21/2-3 gal. per min.

**How tested:** Ballor

**Length of test:** 1/2 hour

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

---

[Signature]  (over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth (feet)</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0 to 50</td>
<td>Brown sandy clay</td>
</tr>
<tr>
<td>50 to 60</td>
<td>Grey sandy clay</td>
</tr>
<tr>
<td>60 to 65</td>
<td>Grey sand and gravel</td>
</tr>
<tr>
<td>65 to 106</td>
<td>Grey sandy shale</td>
</tr>
<tr>
<td>106 to 109</td>
<td>Hard shale</td>
</tr>
<tr>
<td>109 to 130</td>
<td>Grey shale</td>
</tr>
<tr>
<td>130 to 155</td>
<td>Grey sand and shale</td>
</tr>
<tr>
<td>155 to 215</td>
<td>Grey sandy shale</td>
</tr>
<tr>
<td>215 to 216</td>
<td>Hard shale</td>
</tr>
<tr>
<td>216 to 237</td>
<td>Grey sandy shale</td>
</tr>
<tr>
<td>237 to 260</td>
<td>Hard grey sandstone</td>
</tr>
<tr>
<td>260 to 265</td>
<td>Sandstone (natural gas) burns at top of pipe</td>
</tr>
<tr>
<td>263 to 305</td>
<td>Grey shaley sandstone</td>
</tr>
<tr>
<td>305 to 338</td>
<td>Grey sandstone (water 3 g.p.m.)</td>
</tr>
<tr>
<td>338 to 348</td>
<td>Grey green shale</td>
</tr>
<tr>
<td>348 to 352</td>
<td>Brown shale</td>
</tr>
<tr>
<td>352 to 370</td>
<td>Grey sandstone (natural gas)</td>
</tr>
<tr>
<td>370 to 380</td>
<td>Grey shaley sandstone</td>
</tr>
<tr>
<td>380 to 385</td>
<td>Brown grey shale</td>
</tr>
<tr>
<td>Depth</td>
<td>Description</td>
</tr>
<tr>
<td>-------</td>
<td>-------------</td>
</tr>
<tr>
<td>106</td>
<td>109</td>
</tr>
<tr>
<td>109</td>
<td>130</td>
</tr>
<tr>
<td>130</td>
<td>155</td>
</tr>
<tr>
<td>155</td>
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<td>260</td>
<td>305</td>
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<tr>
<td>305</td>
<td>308</td>
</tr>
<tr>
<td>308</td>
<td>338</td>
</tr>
<tr>
<td>338</td>
<td>348</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

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

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

This form to be prepared by 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: Jack Dahlin
Address: 106 NE, Havre, Montana

Date well started: July 6, 1972
Completed: July 17, 1972

Type of well: Drilled
Equipment used: Eagle Tool. Inc.
Water Use: Domestic X Municipal O Stock O Irrigation O
Industrial O Drainage O Other O Garden/Lawn O

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
EXCEEDING 60,000 GALLONS

<table>
<thead>
<tr>
<th>Size of Lineal Foot</th>
<th>Size and Weight of Cylinder</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Water</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>7/8 X 3/4 PVC</td>
<td>100 ft.</td>
<td>68</td>
<td>109</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5/8 X 3/4 PVC</td>
<td>100 ft.</td>
<td>72</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 60 ft*
Pumping water level: 40 ft*

*Measured from ground level.
Well developed by PACKER PUMP for 6 hours.
Power of Pumping: 1/4 HP

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

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

Driller's Signature: [Signature]
Driller's Address: 106 NE, Havre, Montana

County: Hill

DRIUCK'S LOG

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

Top of Ground (Elev. above sea level)

<table>
<thead>
<tr>
<th></th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>47.5</td>
<td>57.9</td>
</tr>
<tr>
<td>1</td>
<td>58.0</td>
<td>5.0</td>
</tr>
<tr>
<td>2</td>
<td>5.1</td>
<td>58.1</td>
</tr>
<tr>
<td>3</td>
<td>58.2</td>
<td>58.2</td>
</tr>
<tr>
<td>4</td>
<td>58.3</td>
<td>58.3</td>
</tr>
</tbody>
</table>

Driller's Address: 106 NE, Havre, Montana

License No.: 46

[Signature]
425702

JACK DAHLIN

TO

THE PUBLIC

WATER WELL

STATE OF MONTANA
COUNTY OF HILL
Filed at 10:23 A.M.

SEP 13 1972

R. E. Blom
COUNTY CLERK

By

Fee: $2.00 pd.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner: Address: 

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: 

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: Date: 

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 School of Mines and Quadruplicate for the Appropriator.
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

STATE OF MONTANA,
COUNTY OF HILL,

Filed at 9 o'clock a.m.

ON JAN. 2, 1963

G. C. Yeon
COUNTY CLERK

By

Deputy

Fee: $2.00 pd.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

R. A. Pegle

Have appropriated groundwater according to the Montana laws in effect prior to Jan. 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: R. A. Pegle

Date: Jan. 2, 1963

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Appropriator.
R. A. HEGLE

TO

THE PUBLIC

DECLARATION OF VESTED GROUND WATER RIGHTS

STATE OF MONTANA
COUNTY OF BILL

ON

G. C. Shaan
COUNTY SEAL

Fee: $2.00 pd.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Jack Dahlen, of Bozeman, Montana

Have appropriated groundwater according to the Montana laws in effect prior to Jan. 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: Jack Dahlen

Date: Dec. 31, 1962

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
NOTICE OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA, ss.
COUNTY OF HILL

Filed at ______ o'clock ______ on
DEC 1 1963

Fees: $2.00 pd.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: May 1961

Owner:

Address of Owner:

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. Reservoir used for:

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

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:

Signature of Owner:

Date:

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.
STUART HERRON & HUBERT COLIE

TO

THE PUBLIC

NOTICE OF COMPLETION OF GROUND WATER APPROPRIATION WITHOUT WELL

STATE OF MONTANA,
COUNTY OF HILL

Filed at o'clock P.M.

ON DEC. 17 1963

R. E. Blom
COUNTY WALKER

See: $2.00 pd.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Aug 1946

Owner: Stuart Heron
Address: Box 1209

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". Indicate length of time used to use the water when applicable.


test well drilled in about 1937
not used flowed about 50 cfs through 2 in pipe

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...


Signature of Owner: Stuart Heron
Date: Dec 16, 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.
STATE OF MONTANA
COUNTY OF HILL

Filed at __ o'clock, P.M.
ON JULY 17, 1963
R. E. Bloom

Deputy

Fees $2.00 pd.
DEPARTMENT 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], of [Address] (Town)
   County of [County], State of [State]

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), [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

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 [Signature]

Date

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
397436

HAROLD RABLIN

TO

THE PUBLIC

DECLARATION OF VESALID
GROUNDWAVER RIGHTS

STATE OF MONTANA
COUNTY OF HILL

Filed at...lock...m.

This 07-9-1963

DEED

FEE: $2.00 pd.
**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Doe</td>
<td>123 Main St.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Smith</td>
<td>456 Elm St.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>01/01/2023</td>
<td>01/31/2023</td>
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</table>

<table>
<thead>
<tr>
<th>Location</th>
<th>Section: T - R - Sec.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1st Well</td>
<td>31 - 15 - 5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>Pumping</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water use</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>X</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>1 ft. to 5 ft.</td>
<td>Type: Steel</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or-screened:</th>
<th>Ft. to Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 ft.</td>
<td>40 ft.</td>
</tr>
</tbody>
</table>

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

---

(over)

Signature: [Handwritten]

Date: [Handwritten]
<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
<td>top soil</td>
</tr>
<tr>
<td>0</td>
<td>1</td>
<td>sandy clay, yellow</td>
</tr>
<tr>
<td>1</td>
<td>16</td>
<td>clay, fat, yellow</td>
</tr>
<tr>
<td>16</td>
<td>26</td>
<td>sandy yellow clay</td>
</tr>
<tr>
<td>26</td>
<td>48</td>
<td>yellow clay</td>
</tr>
<tr>
<td>48</td>
<td>52</td>
<td>ool</td>
</tr>
<tr>
<td>52</td>
<td>53</td>
<td>blue shale, Judith</td>
</tr>
<tr>
<td>53</td>
<td>54</td>
<td>grey shale</td>
</tr>
<tr>
<td>54</td>
<td>60</td>
<td>light brown shale</td>
</tr>
<tr>
<td>60</td>
<td>65</td>
<td>light grey shale, sandy</td>
</tr>
<tr>
<td>65</td>
<td>138</td>
<td>hard shell</td>
</tr>
<tr>
<td>138</td>
<td>140</td>
<td>light grey sandy shale</td>
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<tr>
<td>140</td>
<td>148</td>
<td>hard shale</td>
</tr>
<tr>
<td>148</td>
<td>170</td>
<td>grey shale, sandy</td>
</tr>
<tr>
<td>170</td>
<td>194</td>
<td>grey shale, very sandy, some water</td>
</tr>
<tr>
<td>194</td>
<td>220</td>
<td>grey shale, sandy</td>
</tr>
<tr>
<td>220</td>
<td>230</td>
<td>brown shale</td>
</tr>
<tr>
<td>230</td>
<td>235</td>
<td>light grey shale</td>
</tr>
<tr>
<td>235</td>
<td>240</td>
<td>brown shale</td>
</tr>
<tr>
<td>240</td>
<td>242</td>
<td>yellow shale</td>
</tr>
<tr>
<td>242</td>
<td>250</td>
<td>grey shale</td>
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<tr>
<td>250</td>
<td>252</td>
<td>blue shale</td>
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<td>252</td>
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<td>260</td>
<td>262</td>
<td>brown shale</td>
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<td>262</td>
<td>264</td>
<td>grey very sandy, brief water</td>
</tr>
<tr>
<td>264</td>
<td>268</td>
<td>blue shale, sandy</td>
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<tr>
<td>268</td>
<td>284</td>
<td>grey shale, sandy</td>
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<tr>
<td>284</td>
<td>287</td>
<td>brown shale</td>
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<tr>
<td>287</td>
<td>292</td>
<td>grey shale</td>
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<tr>
<td>292</td>
<td>294</td>
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<tr>
<td>294</td>
<td>300</td>
<td>grey shale</td>
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<tr>
<td>300</td>
<td>320</td>
<td>brown shale</td>
</tr>
<tr>
<td>320</td>
<td>339</td>
<td>grey very sandy, brend water</td>
</tr>
<tr>
<td>339</td>
<td>349</td>
<td>blue shale, sandy</td>
</tr>
<tr>
<td>349</td>
<td>360</td>
<td>sandstone, trace water</td>
</tr>
<tr>
<td>360</td>
<td>370</td>
<td>sandstone, bentonite mix</td>
</tr>
<tr>
<td>370</td>
<td>380</td>
<td>sandstone, grey</td>
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<td>380</td>
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<tr>
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</tr>
<tr>
<td>Depth</td>
<td>Layer Description</td>
<td></td>
</tr>
<tr>
<td>-------</td>
<td>---------------------------------------</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Fat yellow clay</td>
<td></td>
</tr>
<tr>
<td>48</td>
<td>coal</td>
<td></td>
</tr>
<tr>
<td>52</td>
<td>blue shale, Judith</td>
<td></td>
</tr>
<tr>
<td>53</td>
<td>grey shale</td>
<td></td>
</tr>
<tr>
<td>56</td>
<td>light brown shale</td>
<td></td>
</tr>
<tr>
<td>60</td>
<td>light grey shale, sandy</td>
<td></td>
</tr>
<tr>
<td>125</td>
<td>hard shell</td>
<td></td>
</tr>
<tr>
<td>138</td>
<td>light grey sandy shale</td>
<td></td>
</tr>
<tr>
<td>140</td>
<td>hard shell</td>
<td></td>
</tr>
<tr>
<td>168</td>
<td>grey shale, sandy</td>
<td></td>
</tr>
<tr>
<td>169</td>
<td>grey shale, very sandy, some water</td>
<td></td>
</tr>
</tbody>
</table>
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. **Ollie E. Hillman**, (Name of Appropriator)
   **Roof 1068**, (Address)
   **Navajo**, (Town)
   **Lewis & Clark**, (County of)
   **Montana**, (State of)

Have appropriated groundwater according to the Montana laws in effect prior to Jan. 1, 1962 as follows:

<table>
<thead>
<tr>
<th>N</th>
<th>E</th>
<th>S</th>
<th>W</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: **Dining and gardening**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **1925, Continuous**

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **Approx. 40 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 or well**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **Not applicable**

8. The depth of water table: **15 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: **No special information**

10. The log of formations encountered in the drilling of each well if available: **No special information**

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: **No special information**

12. **Signature of Owner**

   **Ollie E. Hillman**

   **Date**

   **Feb. 1963**

Three copies to be filed by the owner with the County Clerk & 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 & Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
392673

W. E. HILLBRANT

TO

THE PUBLIC

DECLARATION OF VESTED GROUND
WATER RIGHTS

STATE OF MONTANA, ss.
COUNTY OF HILL,

Filed at 10 o'clock A.m.

ON

MAR 5 1963

R. E. Hom
COUNTY CLERK

Fee: $2.00 pd.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Frank Forland, of 1135 Harman Ave, Helena
   (Name of Appropriator)
   (Address)
   County of Lewis
   State of Montana
   Have appropriated groundwater according to the Montana laws in effect prior to Jan.
   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 & Recorder of the County in
which the well is located.

PLEASE ANSWER ALL QUESTIONS. IF NOT APPLICABLE, SO STATE, OTHERWISE THE FORM WILL BE RE-
URNED.

Original to the County Clerk & Recorder; duplicate to the State Engineer; Triplicate to
the School of Mines and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Aug 20, 1963
Owner: [Name]
Address: [Address]
Contractor (if any): [Name]
Address of Contractor: [Address]
Date Started: Aug 27, Date Completed: Aug 30
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

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.

Signature of Owner: [Signature]
Date: [Date]

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.
M. R. & L. R. CROWE

TO

THE PUBLIC

NOTICE OF COMPLETION OF
GROUNDWATER APPROPRIATION

# 3

STATE OF MONTANA,
COUNTY OF HILL
Filed at 3 o'clock P.M.
ON AUG 22, 1963

R. E. Blom
COUNCIL BLANK

FEE: $2.00 pd.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>C. L. Hendricks</td>
<td>Gu2.</td>
<td>39-2942</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Raymondo Pich</td>
<td>Gu2.</td>
<td>42-3854</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>J. M. R. Cowe</td>
<td>Gu3.</td>
<td>30-2422</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>J. M. R. Cowe</td>
<td>Gu3.</td>
<td>30-2422</td>
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<td>J. M. R. Cowe</td>
<td>Gu3.</td>
<td>30-2422</td>
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<td>10</td>
<td>O. C. D. Googe Young</td>
<td>Gu2.</td>
<td>30-0417</td>
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<tr>
<td>11</td>
<td>John Donny</td>
<td>Gu2.</td>
<td>39-4156</td>
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<tr>
<td>12</td>
<td>W. H. Fethenpe</td>
<td>Gu3.</td>
<td>20-0402</td>
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<td>42-7641</td>
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<td>30-2737</td>
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<td>15</td>
<td>H. H. Sisson</td>
<td>Gu3.</td>
<td>77-1336</td>
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<td>Gu3.</td>
<td>87-1550</td>
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<td>17</td>
<td>W. H. Fethenpe</td>
<td>Gu3.</td>
<td>30-1241</td>
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<td>18</td>
<td>W. H. Fethenpe</td>
<td>Gu3.</td>
<td>30-2737</td>
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<td>Gu3.</td>
<td>30-2737</td>
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</tr>
<tr>
<td>21</td>
<td>W. H. Fethenpe</td>
<td>Gu3.</td>
<td>30-2737</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 25 Dec. 1965
Owner: C. I. Hendricks
Address: Box 227, Hunt
Contractor (if any): None
Address of Contractor: None
Date Started (if known): Date Completed (if known): Unknown

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

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:

Approximately 150,000 gallons per year - intermittent household and block watering

Signature of Owner: C. I. Hendricks
Date: 25 Dec 1965

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.
STATE OF MONTANA,
COUNTY OF HILL

Filed at 1 o'clock, p.m.

ON Dec 23 1963

R. E. BLOM

NOTARY WITNESS

Fee: $2.00 pd.
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, 1963
(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: RAYMOND PATRICK
Address: HAYNE, MONTANA
Date well started: 11/1/11
completed: 11/1/11
Type of well: DRILLED
Equipment used: CABLE TOOL BUCKET
Water Use: Domestic XO, Municipal , Stock XO, Irrigation X
Industrial , Drainage , Other X Garden/Lawn XO

*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 Additon).

ESTIMATED ANNUAL WITHDRAWAL: 1,500,000 Gallons

PERFORATIONS

<table>
<thead>
<tr>
<th>Size of tubing</th>
<th>Rate</th>
<th>Depth</th>
<th>Pumping Water Level</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot;</td>
<td>69 G.P.D.</td>
<td>1 Foot</td>
<td>3&quot; 3/4&quot; (Moderate)</td>
<td>85 ft</td>
</tr>
<tr>
<td>1 3/4&quot;</td>
<td>69 G.P.D.</td>
<td>1 Foot</td>
<td>3&quot; 3/4&quot; (Moderate)</td>
<td>85 ft</td>
</tr>
</tbody>
</table>

Static water level: 38 1/2 ft
Pumping water level: 85 ft
at 95 ft gallons per minute measured 50 minutes after pumping began.

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

Driller's Signature: 11/8/11
Driller's Address: HAYNE, MONTANA 59331, LICENSE NO. 46

Show exact depth of bottom

98