State of Montana  
County of Gallatin  

Filed  November 14, 1963  
at 3:10 p.m.

EARL WALTON  
COUNTY CLERK & RECORDER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: June 17, 1917

Owner: Doarnbos Ranches Inc.
Address: Manhattan

Volume: 4

Contractor (if any): Right location page 265

Address of Contractor: 

Date Started: June 17, 1917. Date Completed: 1917

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth of water when applicable. By ditch them to Vincent or Doarnbos ditch in 1925 in section 43 T. I. S. R. 3 E.

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: 10 inches in 1925 to No. 1 of every year by ditch or sprinklers.

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 Montana Bureau of Mines and Geology and quadruplicate for the Appropriate.
DEPUTY

State of Montana
County of Gallatin

By

November 18

1903

fee $2.00 pd

298
**MONTANA BUREAU OF MINES AND GEOLOGY**

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner</th>
<th>Jake H. Lange</th>
<th>Address</th>
<th>Manhattan, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Charles T. White</td>
<td>Address</td>
<td>Manhattan, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>November 1909</td>
<td>Date Completed</td>
<td>February 1910</td>
</tr>
<tr>
<td>Location</td>
<td>Sec 18, T 33, R 36, § 4, 6.25 ac</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled (driven, bored, or drilled)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equipment used</td>
<td>Driven well (drill, rotary, other)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic [x]</td>
<td>Municipal [ ]</td>
<td>Stock [x]</td>
</tr>
<tr>
<td>Casing:</td>
<td>1 ft. to 60 ft.</td>
<td>Type: Galvanized</td>
<td>Size: 6 inch</td>
</tr>
<tr>
<td>Casing:</td>
<td>60 ft. to 145 ft.</td>
<td>Type: Galvanized</td>
<td>Size: 4 inch</td>
</tr>
<tr>
<td>Perforated or Screened: None to ft.</td>
<td>Ft. to ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>86 feet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb. sq. in. on:</td>
<td>(date)</td>
<td></td>
</tr>
<tr>
<td>Pumping water level</td>
<td>120 feet at 15 gal. per min</td>
<td></td>
<td></td>
</tr>
<tr>
<td>How tested:</td>
<td>With pressure system</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td>3 hours</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td>This well was drilled with a horse power driven machine by Charles T. White and my father worked for him at that time.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(over)
Gallatin County, State of Montana.

Filed April 19, 19__

I.O. 10 clock A.M.

By (Signature)

Fee $____.____
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: (Name)
Address: (Address)

Date of Notice of Appropriation of Groundwater: (Date)

Date well started: (Date)
Date completed: (Date)

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

Water use: Domestic (X) Municipal ( ) Stock (X) 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 (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: (Feet)
Shut-in Pressure for Flowing Well: (Feet)
Pumping Water Level: (Feet)
Discharge in gal. per min. of flowing well: (Gal.)

How tested: (Date of test) Length of test: (Length)

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).

Licence No. (Licence)
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.
State of Montana
County of Garfield

Filed: 7 Feb 22
at 2:33

J.M. [Signature]

State of Montana
County of Garfield

Filed: 2 May 01
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Thomas Veltzamp</th>
<th>Address</th>
<th>Manhattan</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Unknown</td>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td></td>
<td>Date Completed</td>
<td>about 1900</td>
</tr>
<tr>
<td>Location: Sec. T 1 S R 4 E, 1/4 sec NE1/4</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Type of well: Drilled
Equipment used: churn

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

Casing: 1 ft. to 165 ft. Type cast iron size 6 5/8 in.
Casing: ft. to ft. Type Size
Casing: ft. to ft. Type Size
Perforated or Screened: Ft. to Ft. Ft. to Ft.

Type of screen or perforations

Static Water level, for non-flowing well: 100 feet
Shut-in pressure, for flowing well: lb. sq. in. on: (date)
Pumping water level: 100 feet at 25 gal. per min.

How tested: pump
Length of test: 24 hrs
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>1</td>
<td>90</td>
</tr>
<tr>
<td>91</td>
<td>135</td>
</tr>
<tr>
<td>136</td>
<td>165</td>
</tr>
</tbody>
</table>

Log of Well
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

SHERLY DE BOSCH, A.R. A., Manhattan

County of Montana State of Montana

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

1. Name of Appropriator: Address: Town: Manhattan

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: 1915 from

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

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 expiration of the construction of the well, wells, or other works for withdrawal of groundwater: 1914

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: 30 ft. deep for casing

10. The estimated amount of groundwater withdrawn each year: 100,000 gal

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: Mar. 1, 1962

T. C. 0. 3 E

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

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

Original to the County Clerk and Recorder: duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
State of Montana
County of Gallatin

Filed November 14, 1963
at 3:42 o'clock P.M.

EARL WALTON

RECEIVED

By
DEPUTY

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. Alice Aline R. Sattler
   (Name of Appropriator) of State of Manhattan
   (Address) (Town)

   County of Gallatin
   State of Montana

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

   2. The beneficial use on which the claim is based: HOUSEHOLD USE, stock water, garden & yard, irrigation.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1910, Continuous since well was drilled.

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

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 1 Acre garden & lawn.

   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: Unknown.

   8. The depth of water table: Varies from 6 to 20 feet.

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled 5 inch casing, 40 feet deep.

   10. The estimated amount of groundwater withdrawn each year: 350,000 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

   Date

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

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

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

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

   County of Helena State of Montana

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

2. The beneficial use on which the claim is based
   - stock and domestic use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   - 1902
   - 1956

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   - 100 inches estimated water level drilled

5. If used for irrigation, give the acreage and description of the lands to which water has been applied
   - 100 acres

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   - 1929

8. The depth of water table
   - 100 feet

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

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

11. The log of formations encountered in the drilling of each well if available
    - clay - sand - rock

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

   Signature of Owner
   Date Dec 34 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 Appropnator.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: JOS DIX
Address: MANHATTAN, MONT.

Driller: VAN VYKEN DRILLING CO
Address: BOZEMAN, MONT.

Date of Notice of appropriation of groundwater: NONE

Date well started: MARCH 18/69
Date completed: MARCH 26/69

Type of well: Drilled
Equipment used: Cable tools

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 (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 6 5/8&quot; O.D.</td>
<td></td>
<td>0</td>
<td>110</td>
</tr>
<tr>
<td>17# per ft. new, new</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 82 feet.

Shut-in Pressure for Flowing Well: None

Pumping Water Level: 90 feet at 25 gal. per minute.

Discharge in gal. per min. of flowing well: None

How Tested: Bailer

Length of Test: 2 Hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) Puddled clays full length outside of casing.

Show exact depth of bottom.

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

Bert Van Dyken
State of Montana
County of Gallatin

Filed: Sept. 13, 1969
at 12:40 p.m. P.M.

Clerk of the District Court
County Clerk & Recorder

Burr Rose, Recorder
Deputy

205 pl.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Joe King
1010 University
Manhattan, Montana

I, Joe King, of the State of Montana, do hereby declare that I have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

John Dykstra

Manhattan, Montana

County of Gallatin, 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.

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

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

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

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

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

7. The depth of water table.

8. 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.

9. The estimated amount of groundwater withdrawn each year.

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

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: John Dykstra
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.
MONTANA BUREAU OF MINES AND GEOLG Y
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Address</td>
</tr>
<tr>
<td>Date Started</td>
<td>Date Completed</td>
</tr>
<tr>
<td>Location: Sec</td>
<td>T</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Drill, driven, bored, or drilled)</td>
<td>(Chore, drill, rotary, etc.)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to</th>
<th>ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td>ft. to</td>
<td>ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to</td>
<td>ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>ft. to ft.</th>
<th>Ft. to Ft.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>feet</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
<th>lb. sq. in. on: (date)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Pumping water level:</th>
<th>feet at</th>
<th>gal. per min.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Length of test:</th>
</tr>
</thead>
</table>

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

(over)
WATER WELL LOG

Owner: Best Frana - Address: Manhattan, Mont.
Driller: Don't know - Address:
Date Started: April 1912 - Date Completed: 1912
Location: Sec. 10 - T. 15 N. - R. 159 W.

Type of well: Drilled
Equipment used:

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

Casing: 50 ft. to ft. Type ______ Size ______
Casing: ______ ft. to ______ ft. Type ______ Size ______
Casing: ______ ft. to ______ ft. Type ______ Size ______
Perforated or Screened: ______ ft. to ______ ft. ______ ft. to ______ ft.
Type of screen or perforations:

Static Water level, for non-flowing well: ______ feet.
Shut-in pressure, for flowing well: ______ lb./sq. in. on: ______ (date)
Pumping water level: ______ feet at ______ gal. per min.
How tested:

Length of test:

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

(over)
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 Approprietor (Address) (Town)

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

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

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner

Date

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Approprietor.
Form No. 15  
8-60

T. 1 South R. 3 East

County

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></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date Started: 9-23  
Date Completed: 1923

Location: Sec. 15  
T. 1 S  
R. 3 E

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

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>ft. to 130 ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>ft. to ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>ft. to ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
</tbody>
</table>

Perforated:  
- Ft. to ft.  
- Ft. to ft.  
- Ft. to ft.  
- Type of screen or perforations  
- Static Water level, for non-flowing well: 74'  
- Shut-in pressure, for flowing well:  
- lb./sq. in. on:

Pumping water level: 74'  
feet at 38 gal. per min.

Tested:  
- length of test:

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

(over)
Form No. 18

T. / South R. 3 East
County

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG
STATE ENGINEER

Owner
Driller
Date Started
Date Completed
Location: Sec. __ T. __ R. __

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

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

Casing:
- Ft. to 130 ft. Type __ Size __
- Ft. to __ ft. Type __ Size __
- Ft. to __ ft. Type __ Size __

Perforated or Screen __ Ft. to __ Ft. __ Ft. to __ Ft.

Type of screen or perforations __

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

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

Pumping water level __ feet at __ gal. per min.

How tested:

Length of test __

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
364.11
Gallatin County,
State of Montana
Filed July 28

10:50 A. M.

Carl Walton
Deputy Clerk & Recorder

Roy R. Cassell

2:00 A.M.
Form No. 15
5-60

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

Owner
Address

Driller
Address

Date Started
Date Completed

Location: Sec. __ T. __ R. __ sec. __

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Drill</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use:</td>
<td>Domestic</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Municipal</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stock</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Irrigation</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Industrial</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to ft.</td>
<td>Size in.</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ft. to ft.</td>
<td>Size</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ft. to ft.</td>
<td>Size</td>
<td></td>
</tr>
<tr>
<td>Perforated or screened:</td>
<td>Ft. to Ft.</td>
<td>Ft. to Ft.</td>
<td></td>
</tr>
</tbody>
</table>

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)

(over)
<table>
<thead>
<tr>
<th>Date</th>
<th>Name</th>
<th>Time</th>
</tr>
</thead>
<tbody>
<tr>
<td>4/26</td>
<td>ABC</td>
<td>10 A.M.</td>
</tr>
<tr>
<td>4/26</td>
<td>DEF</td>
<td>2 P.M.</td>
</tr>
</tbody>
</table>

Signed: J. Michael
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>County of</strong></td>
<td>Helena</td>
</tr>
<tr>
<td><strong>State of</strong></td>
<td>Montana</td>
</tr>
</tbody>
</table>

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

- **2. The beneficial use on which the claim is based:** Irrigation
- **3. Date or approximate date of earliest beneficial use; and how continuous the use has been:** 1897 - continuous
- **4. The amount of groundwater claimed (in miner's inches or gallons per minute):** 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:**
- **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 excavation of the well, wells, or other works for withdrawal of groundwater:** 1897
- **8. The depth of water table:** 80 feet
- **9. So far as it may be available, the type, size, and depth of each well or the general specifications of any other works for the withdrawal of groundwater:**
- **10. The estimated amount of groundwater withdrawn each year:** 20,000 gallons
- **11. The log of formations encountered in the drilling of each well if available:**
- **12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:**

**Signature of Owner:**

**Date:** 3/13/58

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

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

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

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

1. Name of Approp(erator) of Box 152, F. 1. MANHATTAN
   County of SAGINAW 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 means of withdrawal:  

   7. The depth of water table:  

   8. The depth of each well:  

   9. The type, size, and depth of each well:  

   10. The estimated amount of groundwater withdrawn each year:  

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

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

   Signature of Owner:  

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: ss.
County of Gallatin: ss.
Filed: May 20, 1963
at 12:50 o'clock M.

Earl Holton
COURT CLERK & RECORDER

By: 
DEPUTY

Fee $20
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

James Andrew Brouwer and
Lennie K. Brouwer

(Name of Appropriate)

of Manhattan

(Address) (Town)

County of Gallatin State of Montana

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

2. The beneficial use on which the claim is based—Domestic
   and irrigation of lawn

3. Date or approximate date of earliest beneficial use: and how continuous the use has been—1924 and continuously ever since

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—Electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater—Well drilled in 1924

8. The depth of water table—approximately 110 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater—4" drilled well 165 feet deep

10. The estimated amount of groundwater withdrawn each year—1,500,000 gallons

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record—Not recorded previously

Signature of Owner James Andrew Brouwer

Date June 4, 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.
State of Montana: ss.
County of Gallatin: ss.

Filed: June 4th, 1962

1:15

EARL WALTHER
COUNTY CLERK & Recorder

By  DEPUTY

Fee $5.00

2.50 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, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: ____________________________
Address: ____________________________

Date well started: ____________
Completed: ____________

Type of well: Drilled

Equipment used: ____________

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

*Describe: ____________

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. lot, block and addition). ____________

ESTIMATED ANNUAL WITHDRAWAL

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

Top of Ground (Elev. above sea level)

Driller's Signature: ____________________________
Driller's Address: ____________________________
State of Montana
County of Lewis

Pet. April 13, 1971

A. V. Stuckey

Carl B. Bridges

Fee $
STATE OF MONTANA
ADMINISTRATORS OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Area: Annie A. Zek
(Address)

County of: Gallatin
(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: lawn, irrigation, pond washing.

2. Date or approximate date of earliest beneficial use: April 1, 1954

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 26 g.p.m.

4. 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

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: submersible pump, no other wells near

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal: April 1st, 1954

7. The depth of water table: 200 feet

8. The estimated amount of groundwater withdrawn each year: 210,300 gal.

9. The log of formations encountered in the drilling of each well: sand, gravel, clay, and sand

10. 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: 7-1-62

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

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

Original to the County Clerk and Recorder: duplicate to the State Engineer: Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriate.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Route 1

Owner: Carrie Boornbos  
Address: Manhattan, Mont.

Date of Notice of Appropriation of Groundwater: June 17, 1966

Type of well: Drilled

Equipment Used: Churn (dug, driven, bored or other)

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

Static Water Level for non-flowing Well: 100 feet

Shut-in Pressure for Flowing Well: 145 feet at 30 gal. per minute

Discharge in gal. per min. of flowing well: 4 hrs

How Tested: Pumping

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

Driller’s License Number:

Driller’s Signature:

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

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

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

---

### Table: Characteristics of Soil Layers

<table>
<thead>
<tr>
<th>Depth</th>
<th>Soil Type</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-7</td>
<td>gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>7-23</td>
<td>gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>23-32</td>
<td>clay &amp; gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>32-37</td>
<td>sand &amp; gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>37-40</td>
<td>sand &amp; gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>40-43</td>
<td>clay &amp; gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>43-46</td>
<td>clay &amp; gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>46-64</td>
<td>clay &amp; gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>64-67</td>
<td>clay &amp; gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>67-39</td>
<td>clay &amp; sand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>39-72</td>
<td>sand &amp; clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>72-92</td>
<td>clay &amp; sand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>92-98</td>
<td>clay &amp; sand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>98-105</td>
<td>clay &amp; sand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>105-109</td>
<td>clay &amp; gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>109-116</td>
<td>clay &amp; sand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>116-127</td>
<td>sand &amp; water</td>
<td></td>
<td></td>
</tr>
<tr>
<td>127-128</td>
<td>gravel &amp; sand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>128-132</td>
<td>clay &amp; gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>132-137</td>
<td>clay &amp; gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>137-138</td>
<td>clay &amp; gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>138-149</td>
<td>sand &amp; water</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Diagram: Well Location

- Each small square represents 10 acres.
- Show exact depth of bottom.

---

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

Alvin Dower
(Name of Appropriator)
Town: Montana
County of Gallatin

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 1958.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50

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: 1958.

8. The depth of water table: 100 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: 15,000 gal.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: Not available

Signature of Owner: Dower
Date: 50-63

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

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

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

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

1. Henry Downs of Route 1 (Address) (Town)
   County of Gallatin, 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 and lawn.

3. Date or approximate date of earliest beneficial use: Spring of 1953.
   How continuous the use has been: Used ever since.

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.
   Water used for irrigation except on lawn and a little on garden.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Feb. 1953.

8. The depth of water table: 72 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, 90 feet deep, 6-inch casing.

10. The estimated amount of groundwater withdrawn each year: 150,000 gallons.

11. The log of formations encountered in the drilling of each well if available.
    Well first 50 ft. gravel from there on.

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.
    Well is used by the family.

Signature of Owner: Henry Downs
Date: Feb. 19, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
State of Montana
County of Gallatin

Filed \textbf{Nov. 12, 1963}
at \textbf{9:45 o'clock A.M.}

\textbf{COUNTY CLERK & RECORDER}
\textbf{By} Lawrence B. Keller
Fee $2.00
# Declaration of Vested Groundwater Rights

(Under Chapter 37, Montana Session Laws, 1961)

1. **(Name of Appropriator)**
   - **Address**
   - **(Town)**

   County of _______ State of Montana

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

   ![Grid](image)

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

   **[Handwritten note: Household Toilet & Laundry]**

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

   **[Handwritten note: Always, every day]**

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

   **[Handwritten note: 80]**

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

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

   **[Handwritten note: Electric pump]**

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

   **[Handwritten note: Jan 15, 1962]**

8. The depth of water table.

   **[Handwritten note: 100]**

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.

   **[Handwritten note: Drilled Field Casing]**

10. The estimated amount of groundwater withdrawn each year.

    **[Handwritten note: Not Available]**

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

    **[Handwritten note: 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.

   **[Handwritten note: ]**

**Signature of Owner**

**Date:** Dec 14, 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.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

(Name of Appropriator) (Address) (Town)

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

1. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1950

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

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 25 gal

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

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

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

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

8. The depth of water table: 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: Electric pump 6 in. 14 ft

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

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 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
1548

[Signature]

[Date]

[County of Jurisdiction]

Filed: [Signature]

[Notary]

By [Signature]

Fee $725
### WATER WELL LOG

**Owner**

**Address**

**Driller**

**Address**

**Date Started**

**Date Completed**

**Location**

<table>
<thead>
<tr>
<th>Sec.</th>
<th>T.</th>
<th>R.</th>
<th>sec.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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<td></td>
</tr>
</tbody>
</table>

**Type of well**

- **Domestic**
- **Municipal**
- **Stock**
- **Irrigation**
- **Industrial**
- **Drainage**
- **Other**

**Equipment used**

**Casing**:

- **Type**: 
- **Size**: 
- **Perforated**
- **Screened**: 
- **Type of screen or perforations**

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

**Shut-in pressure, for flowing well**: lb./sq. in. on:

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

**Nos tested**: 

**Length of test**: 

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

---

(over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>5</td>
<td>7</td>
</tr>
<tr>
<td>7</td>
<td>11</td>
</tr>
<tr>
<td>11</td>
<td>15</td>
</tr>
<tr>
<td>15</td>
<td>2</td>
</tr>
<tr>
<td>16</td>
<td>27</td>
</tr>
<tr>
<td>27</td>
<td>179</td>
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<td>179</td>
<td>227</td>
</tr>
<tr>
<td>227</td>
<td>230</td>
</tr>
<tr>
<td>230</td>
<td>241</td>
</tr>
<tr>
<td>241</td>
<td>225.9</td>
</tr>
<tr>
<td>225.9</td>
<td>735</td>
</tr>
<tr>
<td>735</td>
<td>995</td>
</tr>
</tbody>
</table>

From 235 to 241, sandy silt, comm. (less depths)
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Wilbur Alice (Name of Appropriator) 
[Address] Manhattan (Town)

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 use and lawn and yard care.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 32 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.

6. The means of withdrawing each water from the ground and the location of each well or other means of withdrawal, pumps or electric motor.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Oct. 18, 1938.

8. The depth of water table. 48'.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 6 in. Well, 152 feet, metal casing.

10. The estimated amount of groundwater withdrawn each year. 188,250.

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

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. Do not know.

Signature of Owner: Wilbur Alice
Date 12/26/63.

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.
State of Montana  
County of Gallatin  

Filed December 26 1963  
at 11:50 A.M.  

EARL WALTON  
COUNTY CLERK & RECORDER  

Fee $2.00 pd  
DEPUTY
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner ____________________________

Date well started ____________________

Date well completed ____________________

Type of well ____________________________

Equipment used ____________________________

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

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

ESTIMATED ANNUAL WITHDRAWAL:

<table>
<thead>
<tr>
<th>Size of Driller</th>
<th>Size and Depth of Drilling</th>
<th>Flow (GPM)</th>
<th>Top (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>61'</td>
<td>41'</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level 90 ft.
Pumping water level 50 ft. at 10 gallons per minute measured minutes after pumping began.

Power Pump HP __________

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

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

Driller's Signature ____________________________

Driller's Address ____________________________

State of Montana, Montana LICENSE NO. 150

COUNTY: Gallatin

Top of Ground (ft. above sea level) __________

1 19 gravel and clay

20 70 coarse, dirty gravel

92 92 slopy, yellow, clay

92 92 pea gravel

Show exact depth of bottom __________

52 ft.
State of Montana
County of Gallatin

Filed: Jan. 4, 1973
at 10 o'clock A.M.

County Clerk & Recorder
By: William M. Black
Deputy

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

(state of Appropriator) (Address) (Town)

County

State

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

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

3. Date or approximate date of earliest beneficial use and how continuing 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 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.

36/16
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

---

**Owner:**

**Driller:**

**Date of Notice of appropriation of groundwater:**

**Date well started:**

**Type of well: Drilled**

**Equipment used:**

**Water use:**

- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other

---

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

**Static Water Level for non-flowing well:**

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

**Pumping Water Level:**

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

**How Tested:**

**Length of Test:**

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

---

**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).**

---

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 Signature:

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