# Driller's Log

**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, the copy to be retained by driller.

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

**Owner:** Frank E. Powell

**Address:** 3309 Phillips Street

**Billings, MT 59101**

**Date well started:** 5-21-71

**Type of Well:** Driven

**Equipment Used:** Sludgehammer

**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 — Addition).

**Estimated Annual Withdrawal:** 10,000 gallons

**Static Water Level:** APP 4.7 ft.

**Pumping Water Level:** 30.5 ft.

**Power:** Electric Pump... 1 HP

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

**Top of Ground:**

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**License No:** N/A

**Declared:** Show exact depth of bottom

**County:** Yellowstone
STATE OF MONTANA

County of Yellowstone

This instrument was filed in my office

Dept. of

MORRILL S. KLUNDT

Register & Recorder

By

[Signature]
Notice of Completion of Groundwater Appropriation by Means of Well

Under Chapter 237, Montana Session Laws, 1961

Owner: Prior Land: Camp Address: 1070 Riverside Road
Driller: Charles Wood Address: 1064 Baker Road

Date of Notice of Appropriation of Groundwater: 5/20/71
Date well started: 5/20/71
Date completed: 5/20/71
Type of well: Driven
Equipment Used: Walking beam

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

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

Static Water Level for non-flowing well: 7 feet
Shut-in Pressure for flowing well:
Pumping Water Level: 14 feet at 50 gal per minute
Discharge in gal per min. of flowing well:
How Tested: Cawn Pump
Length of Test: 4 hrs

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

N:\ Sec. 29 T. S. 1 E. R. 14 W. 26
Indicate location of well and place of use, if possible. Each small square represents 10 acres.
TIS. - R. 14 E. N. W. Sec. 10
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.
Thank you.

The well by township, range, and section, the location shown is correct. Treat this record as indicated in red on the enclosed form, the correct location of blanket.

Special Instructions:

Water Right

Note of the following special instructions, in order to properly protect your ground.

As the administrator of the groundwater code for the State of Montana, please take

Helen Montana 59601
San J. Mitchell Building
Groundwater Section

Enger Hall

Doc. No. 900975
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner Pryor Land Coop Address 1070 Riverside Road
Driller Charles Wood Address 1054 Hancock Road

Date of Notice of Appropriation of Groundwater 5/20/71
Date Well Started 5/20/71 Date Completed 5/20/71

Type of Well: Driven Equipment Used: walking beam
(dug, driven, bored or drilled)

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

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 of character of water-bearing strata and height to which water rises in the well.

Static Water Level for non-flowing Well 7 feet
Shut-in Pressure for flowing well
Pumping Water Level 16 feet at 50 gal. per minute
Discharge in gal. per min. of flowing well
How Tested constricted pump Length of Test 4 hrs

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

Driller’s License Number
Driller’s Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropirator.
Declaration of Vested Groundwater Rights

(1 Under Chapter 237, Montana Session Laws, 1961)

1. James A. Rangitsch, of 3302 Stone St., Billings, MT.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 1961 - Every year from April thru November

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 30 Gal. per minute

5. If used for irrigation, give the acres and description of the lands to which water has been applied and name of the owner thereof: Used to irrigate lawn, garden, & landscaping. 0.15 acre owned by James A. & Dorothy B. Rangitsch

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

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

8. The depth of water table: 9 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: Hand dug 30 in. diameter steel casing 16 feet deep

10. The estimated amount of groundwater withdrawn each year: 200,000 gal.

11. The log of formations encountered in the drilling of each well if available: 6 feet. Sandy loam, 10 feet sand & gravel

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

Signature of Owner: James A. Rangitsch
Date: 12-28-63

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; TriPLICATE to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA,
County of Yellowstone,
This instrument was filed in my office this
DEC. 23, 1983
at 12:57 o'clock M.
Edwin G. Redding,
County Clerk & Recorder
By Paul, Deputy
<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Water Yellow</td>
</tr>
<tr>
<td>Driller</td>
<td>Roscoy Dome Oil Co</td>
</tr>
<tr>
<td>Address</td>
<td>P O Box 842</td>
</tr>
<tr>
<td>Date Started</td>
<td>July 1, 1960</td>
</tr>
<tr>
<td>Date Completed</td>
<td>July 12, 1960</td>
</tr>
<tr>
<td>Location</td>
<td>Sec., R., Sec.</td>
</tr>
<tr>
<td>Type of use</td>
<td>Domestic, Municipal, Irrigation, Other</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic, Municipal</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing</td>
<td>16 Inch Steel Casing</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Static water level, for non-flowing well:</td>
<td>120 ft.</td>
</tr>
<tr>
<td>Shunt-in pressure for flowing well:</td>
<td>40 psi.</td>
</tr>
<tr>
<td>Pump gpm</td>
<td>50 gallon</td>
</tr>
<tr>
<td>Pump gpm</td>
<td>50 gallon</td>
</tr>
<tr>
<td>Length of test</td>
<td>48 hrs</td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td>Drilling Oil Well same Hole, 760 feet.</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

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

1. SLYLOR - RALPH A. 4-MARKET 3882 WASH ST. BILLINGS, MONT.
   (Name of Appropriator)
   (Address)

County of

State of MONTANA

The declaration shall be made according to the Montana laws in effect prior to

2. The beneficial use on which the claim is based

HOUSKOLD - IRRIGATION

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

1953 - CONTINUOUS FROM DATE

4. The amount of groundwater claimed (in miner's inches or gallons per minute - MAXIMUM AMOUNT FOR HOUSEHOLD USE)

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 used

PARTIAL ON 10 ACRES

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

JUNE 1953

8. The depth of water table

4'

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

DRIVEN AUG. DEPT. 30'

10. The estimated amount of groundwater withdrawn each year

345,000 gals.

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

[Signature]

Date: 8/26/73

Three copies to be filled 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 & Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of mines and Geology; Quadruplicate for the appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

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

This form to be prepared by 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.

Driller's Signature: [Signature]
Driller's Address: [Address]
LICENSE NO: 54263

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>Other Uses (see above)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.2'</td>
<td>Top Soil</td>
</tr>
<tr>
<td>2.77</td>
<td>Sand &amp; Gravel</td>
</tr>
<tr>
<td>11.22</td>
<td>Sand &amp; Gravel</td>
</tr>
</tbody>
</table>

**Top of Ground**

**Other Uses**

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

<table>
<thead>
<tr>
<th>Size of Drilled</th>
<th>Rate and Depth of Completion</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3'</td>
<td>3.50</td>
<td>0'</td>
<td>22'</td>
</tr>
</tbody>
</table>

**Estimated Annual Withdrawal:** 400,000

- **Static Water Level:** 19.9 ft
- **Pumping Water Level:** 21.8 ft
- **Power:** 1 HP, 1...HP
- **Remarks:** Gravel packing, cementing, packers, type of shutoff

**Indicate Location of Well and Place of Use, if Possible. Each Small Square Represents 40 Acres.**

Driller's Signature: [Signature]
Driller's Address: [Address]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)
This form to be prepared by driller, and three copies to be filed
by the owner with the County Clerk and Recorder in the county in
which the well is located, last copy to be retained by driller.
Please answer all questions, if not applicable, so state, otherwise the
form may be returned.

Owner
Address

Date well started
Date well completed

Type of well
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

Size of Diameter
Size of Depth or Caliber
From (Feet)
To (Feet)

PERFORATIONS
Kind Size
From (Feet)
To (Feet)

Static water level
Pumping water level
at:
gallons per minute
measured 20 minutes after pumping
began.

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

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

Driller's Signature
Driller's Address

LICENSE NO.

COUNTY

DRILLER'S LOG

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

This instrument was filed in my office

Gd. 28-1973
at 8:15 o'clock A.M.

MERRILL M. HOLLAND
County Clerk of Recorder

By

D. may

937881
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 21, Montana Session Laws, 1965)

1. Elton P. Stevenson, of 723 N. 25 St. Billings
   (Name of Appropriator)
   (Town)
   County of Yellowstone, State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

   3. Date or approximate date of earliest beneficial use: 1955. Exact date by present owner: Use continuous since.

   4. The amount of groundwater claimed (in pipe inches or gallons per minute): 5 3/5, 2 1/2, 8, 3 1/8, 3 1/2, (the total is 45).

   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: 4 1/2 acres of Elton P. Stevenson, Gardner County, Montana.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: A 10 horse pump, a 10 horse pump, all located on the above place at a line legal description.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Dates unknown. Before 1962. Considerably.

   8. The depth of water table: Approx. 6 ft. Average Depth.

   9. So far as it may be available, the type, size and depth of each well or other means of withdrawal: 4 1/2 horse casing, 2 1/2 ft. deep, 3 horse casing, 23 1/2 ft. deep, 3 horse casing, 23 1/2 ft. deep, 3 1/2 horse casing, 23 1/2 ft. deep, 3 1/2 horse casing, 23 1/2 ft. deep.

   10. The estimated amount of groundwater withdrawn each year: 2,000,000, 7,659.

   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: None known.

   Signature of Owner: Elton P. Stevenson
   Date: Dec. 30, 1965

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state; otherwise the form will be returned.

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriate.
### Water Well Log

**Owner:** Orvil Straw  
**Address:** 150 Montana St.  
**Driller:** George Neeckus  
**Address:** 414 Montana St.  
**Date Started:** Aug 20, 1964  
**Date Completed:** Aug 21, 1964  
**Location:** Sec. 10, T. 18, R. 66 W.  

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Dug, driven, bored, or drilled</th>
<th>Equipment used</th>
<th>Drill (Churn, drill, rotary, other)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use</td>
<td>Domestic □  Municipal □  Stock □  Irrigation □  Industrial □  Drainage □  Other</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing: 0 ft. to 10 ft.</td>
<td>Type □  Size □</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing: 0 ft. to 10 ft.</td>
<td>Type □  Size □</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing: 0 ft. to 10 ft.</td>
<td>Type □  Size □</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perforated or Screened: 0 ft. to 10 ft.</td>
<td>0 ft. to 10 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>feet.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq. in. on:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pumping water level</td>
<td>0 feet at</td>
<td>gal. per min.</td>
<td></td>
</tr>
<tr>
<td>How tested:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(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></td>
<td>Quincy type mud and rock.</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODES
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1981)

1. County of Yellowstone 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 drinking

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: November 1962

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

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

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: 25 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: 365.00 gals.

11. The log of formations encountered in the drilling of each well if available: sand, gravel, some rocks

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

Signature of Owner

Date

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriate.
<table>
<thead>
<tr>
<th>Type of well</th>
<th>Driller</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>J. W.</td>
<td>Cable Rig</td>
</tr>
<tr>
<td>Industrial</td>
<td>J. W.</td>
<td></td>
</tr>
<tr>
<td>Drainage</td>
<td>J. W.</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>J. W.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing</th>
<th>Ft. tr.</th>
<th>Ft. to.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Steel Casing</td>
<td>3 3/4 O.D.</td>
<td>(13) Feet</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or screened</th>
<th>Ft. to.</th>
<th>Ft. to.</th>
<th>Ft. to.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
<th>None</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Static water level, for non-flowing well</th>
<th>80 ft.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure for flowing well</th>
<th>10 lb. /sq. in. on:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Pumping water level</th>
<th>80 ft. foot at 20 gallons per min.</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Length of test</th>
<th>one week</th>
</tr>
</thead>
</table>

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

| Casing drove thru glacial drift to migratory water strata. | Fine Clear water | Coal |
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. WILLIAM ROBERT TREADWAY, Jr., at 306, JACKSON, BILLINGS
(Name of Appropriation)
(Address)

County of YELLOWSTONE, 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, consists of:

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

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 School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA

COUNTY OF [Redacted]

This instrument was recorded in the office of [Redacted], County, State of [Redacted], on [date].

COUNTY RECORDER

[Redacted]
DECLARATION of VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATION OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION of VESTED GROUNDWATER RIGHTS

1. Harry M. Billings, Jr., of 3932 Beaverdip Blvd, Billings, MT
   (Name of Appropriator)

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

   - Range 24 E
     - 10 acres

   NE 5/4 Sec 10T RCL 5
   indicate point of appropriation and place of use, if possible.
   Each small square represents 10 acres.

2. The beneficial use on which the claim is based
   (Enter any use; otherwise insert "none".)

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   422 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, wells,
   or other works for withdrawal of groundwater.

8. The depth of water table
   12 ft

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

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 & Recorder; Duplicate to the State Engineer; Triplicate
to the Montana Bureau of Mines and Geology, and Quadruplicate for the appropriator.
STATE ENGINEER

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fred W. Wright</td>
<td>Box 163, Billings</td>
<td>Fred W. Wright</td>
<td>Box 163, Billings</td>
</tr>
</tbody>
</table>

Date Started: May 1951  Date Completed: May 1951

Location: Sec. 10 T. 1 S. R. 26 E 1/4 sec. 5 1/2 N 1/2 S 1/4 E

Type of well: Driven Equipment used: Gravel Pack

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

Casing: [ ] to [ ] ft. Type [ ] Size [ ]

Casing: [ ] to [ ] ft. Type [ ] Size [ ]

Casing: [ ] to [ ] ft. Type [ ] Size [ ]

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

Type of screen or perforations: Welded Cuts Slits

Static Water level, for non-flowing well: [ ] ft.

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

Pumping water level: [ ] ft. at: [ ] gal. per min.

How tested: Pump Specifications

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>0 - 3</td>
<td>Top Soil</td>
</tr>
<tr>
<td>3 - 21</td>
<td>Gravel</td>
</tr>
</tbody>
</table>
# WATER WELL LOG

Owner: Fred W. Wright  
Address: Box 163, Billings  
Date Started: April 1, 1935  
Date Completed: April 14, 1935  
Location: Sec. 10, T. 15 S., R. 26 E., 4

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Driven</th>
<th>Equipment used</th>
<th>Well Point</th>
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<table>
<thead>
<tr>
<th>Water use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
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</thead>
<tbody>
<tr>
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<table>
<thead>
<tr>
<th>Casing</th>
<th>ft. to ft.</th>
<th>Type</th>
<th>Size</th>
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</thead>
<tbody>
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</table>

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

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

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
<th>Well, Cat Shrs</th>
</tr>
</thead>
</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.  

Length of test: __________

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>3</td>
<td>Top Soil</td>
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<tr>
<td>3</td>
<td>21</td>
<td>Gravel</td>
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<tr>
<td>Field</td>
<td>Details</td>
<td></td>
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<tr>
<td>-------------------------------------------</td>
<td>--------------------------------------</td>
<td></td>
</tr>
<tr>
<td>Owner</td>
<td>Fred V. Wright</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td>Box 163, Dillon</td>
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</tr>
<tr>
<td>Date Started</td>
<td>May 1957</td>
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<td>Date Completed</td>
<td>May 1957</td>
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<tr>
<td>Location</td>
<td>Sec. 10, T11-14, R6E</td>
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<tr>
<td>Water use</td>
<td>Domestic</td>
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<tr>
<td>Type of well</td>
<td>Dug</td>
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<tr>
<td>Equipment used</td>
<td>Churn drill</td>
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<td>Static Water level</td>
<td>Ft. to Ft.</td>
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<tr>
<td>Shut-in pressure</td>
<td>lb./sq. in.</td>
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<tr>
<td>Water level</td>
<td>Ft. to Ft.</td>
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<tr>
<td>Pumping water level</td>
<td>5 feet at 6 ft. per min.</td>
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<td>Gravel packing, cementing, packers,</td>
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<td></td>
<td>type of shut-off, depth of shut-off</td>
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<table>
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<td>67 ft. to 77 ft.</td>
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<td>Schedule 4</td>
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<td>Ft. to Ft.</td>
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<tr>
<td>Type of screen or perforations</td>
<td></td>
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<tr>
<td>Static Water level:</td>
<td>(o)</td>
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<tr>
<td>Shut-in pressure:</td>
<td>(date)</td>
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<tr>
<td>Water level</td>
<td>Ft. to Ft.</td>
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<tr>
<td>Pumping water level:</td>
<td>Ft. to Ft.</td>
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<tr>
<td>Remarks</td>
<td>Gravel packing, cementing, packers,</td>
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<td></td>
<td>type of shut-off, depth of shut-off</td>
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<tr>
<td>Depth, feet</td>
<td>Description of Material Drilled</td>
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<tr>
<td>------------</td>
<td>---------------------------------</td>
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<tr>
<td>0 - 3</td>
<td>Top Sail</td>
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<tr>
<td>3 - 21</td>
<td>Gravel</td>
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</table>
## WATER WELL LOG

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
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<tbody>
<tr>
<td>Owner</td>
<td>Fred W. Wright</td>
</tr>
<tr>
<td>Address</td>
<td>Box 163, Billings</td>
</tr>
<tr>
<td>Driller</td>
<td>Fred W. Wright</td>
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<tr>
<td>Address</td>
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<tr>
<td>Date Started</td>
<td>June 1955</td>
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<td>Date Completed</td>
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<tr>
<td>Location</td>
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<tr>
<td>Type of Well</td>
<td>Driven</td>
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<td>Equipment Used</td>
<td>Churn drill, rotary, other</td>
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<td>Water Use</td>
<td>Domestic, Irrigation</td>
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<td>Casing</td>
<td>Type: Galvanized, Size: 1 1/2&quot;</td>
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<td>Shut-in Pressure</td>
<td>10 lb./sq. in.</td>
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<td>Pumping Water Level</td>
<td>15' feet at 5000 gal. per min.</td>
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<td>Pump Specifications</td>
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<td>Length of Test</td>
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<td>Remarks</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
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(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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<tbody>
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<td>From 0</td>
<td>To 3</td>
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<td>From 3</td>
<td>To 21</td>
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<td>Henderson, Richard</td>
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<td>Knodel, G. H.</td>
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<td>Sec.</td>
<td>Name of Appropriator</td>
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<td>Sanderin, Eleanor O.</td>
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<td>Anderson, George</td>
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**STATE OF MONTANA**  
**ADMINISTRATOR OF GROUNDWATER CODE**  
**MONTANA WATER RESOURCES BOARD**

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

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

This form is to be prepared by driller and filed by 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:** Edward H. Ewals

**Address:** 2602 Bellmores

**Billings, MT**

**Date well started:** May 1953 501 18’ W P.M.

**Date well completed:** July 1953

**Type of well:** Dug & Driven

**Equipment used:** Shovel, Bucket, Pounded

**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 if e.g., Lot, Block

and Addition: Home Site

**ESTIMATED ANNUAL WITHDRAWAL:** 35 gallons per minute

<table>
<thead>
<tr>
<th>Size of Water Well</th>
<th>Size of Pipe in</th>
<th>Number of Pipes</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>3”</td>
<td>18”</td>
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<table>
<thead>
<tr>
<th>Static water level</th>
<th>10 ft.</th>
<th>Pumping water level</th>
<th>16 ft.</th>
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<tbody>
<tr>
<td>Measured</td>
<td>35 gallons per minute</td>
<td>minutes after pumping began.</td>
<td></td>
</tr>
</tbody>
</table>

*Measured from ground level.

**Well developed by:** Rotary or other

**Power:** 110 HP

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

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

Driller’s Signature: Edward H. Ewals

Driller’s Address: 2602 Bellmores

**LICENSE NO.**

18

Show exact depth of bottom

54/35
STATE OF MONTANA
County of Yellowstone
This instrument was filed in my office
this __________, 19__
at __________ o'clock __________, M.

MERRILL M. KLUNDT
County Clerk & Recorder
By __________ Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed by 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: 
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 Well</th>
<th>Size and Weight of casing</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>Kind</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3&quot;</td>
<td>1'</td>
<td>0</td>
<td>10'</td>
<td>100</td>
<td>0</td>
<td>20'</td>
</tr>
</tbody>
</table>

Static water level: 12.8' □ Pumping water level: 12.0' □

Well developed by: □ for: □ hours. □ Pump: □ HP

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

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

Driller's Signature

Driller's Address

LICENSE NO.

Show exact depth of bottom

55.07
STATE OF MONTANA

County of Yellowstone

This instrument was filed in my office

JULY 24, 1973

at 2:30 P.M.

MELVIN R. LINN

County Clerk of Records

Rec'd

338508
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: WAYNE HEINAN

Date: June 2, 1973

Address: 2076 MALL AVE

Top of Ground

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

Date well started 1950
Date well completed 1950

Type of well DRIVEN (Dug, driven, bored or drilled)

Equipment used CHURN DRILL (Churn drill, rotary or other)

Water Use: Domestic [x] 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 36,000 gallons

<table>
<thead>
<tr>
<th>Size of Hole</th>
<th>Size and Depth</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Number</td>
</tr>
</tbody>
</table>

Static-water level 7.7 ft. Pumping-water level 27.4 ft. at
15 gallons per minute measured 10 minutes after pumping
began.

Well developed by CHURN DRILL for 3 hours.
Power Pump HP

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

Power: Pump: HP

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

X

1/4 1/4 Sec. 11

T. 5 S R. 26 E

Driller’s Address

Driller’s Signature

LICENSE NO.

Show exact depth of bottom
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1951, 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: WAYNE HEINNESS
Address: 2076 NALE AVE, BILLINGS, MONT
Date well started: 1/5/60
Completed: 1/5/60

Type of well: DRIVEN
Equipment used: CHURN DRILL
Water Use: Domestic [x] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [x]

*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: 30,000.0 gpa.

<table>
<thead>
<tr>
<th>Size of Borehole</th>
<th>Rise and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4'</td>
<td>3'</td>
<td>0</td>
<td>19-2&quot;</td>
<td></td>
</tr>
</tbody>
</table>

Static water level 5' 7" ft.
Pumping water level 3' 11" ft.
at 15.0 gallons per minute measured 10 minutes after pumping began.

*Measured from ground level.

Driller’s Signature
Date: 5/26/62

LICENSE NO. 41362
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

(Later 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: WAYNE HEIMAN
Address: 2096 NAIL AVENUE
DILLINGS, MONT
Date well started: 1954
completed: 1954

Type of well: DUG

Equipment used: BACK HOE

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). 5 ACRES CLAIR-506

ESTIMATED ANNUAL WITHDRAWAL: 800,000.00 gals.

### Top of Ground

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

### Holes of Casings

<table>
<thead>
<tr>
<th>Depth (Feet)</th>
<th>Size (Inches)</th>
<th>Top (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 2.5 ft.
Pumping water level: 2.5 ft.
at: 60 gallons per minute, measured before pumping began.

*Measured from ground level.

Well developed by: (Power: ENG. Pump: 9 HP)

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

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

Driller's Signature: __________________________

Driller's Address: __________________________

LICENSE NO. __________________________

County: __________________________

Show exact depth of bottom: 9'6"
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner: WAYNE HEIMANN

Address: 2016 NEL AVE. File: 958145

DILLINGS MONT

Date well started: 1973

completed: 1973

GW: 5950 ft

Top of Ground

(El. above sea level)

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

Type of well: DVG (Drill, driven, bored or drilled)

Equipment used: DRILL HOE (Chisel drill, rotary or other)

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).

S Acres: 6

ESTIMATED ANNUAL WITHDRAWAL: 800,000 gallons

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

Each small square represents 40 acres.

Driller's Signature

Driller's Address

LICENSE NO.

COUNTY: 

NOTICE OF COMPLETION OF GROUNDWATER

Pumping water level: 2 2/3 ft

Static water level: 2 1/3 ft

Power: 2 HP

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

Show exact depth of bottom: 97.4 ft

County: 

ADMINISTRATOR OF GROUNDWATER CODE
**Form No. 18**

**T. 1 South**

**R. 29 East**

**County**

**Yellowstone**

**MONTANA BUREAU OF MINES AND GEOLOGY**

Butte, Montana

---

**Water Well Log**

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albert F. Jellison</td>
<td>3050 Garden Ave.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Billings, Montana</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Location:** Sec. 11 T. 1 S. R. 29E 1/4 sec. E1/4 Lot 3

---

**Type of well**

- Driven

**Equipment used**

- Pile driver

**Water use:**

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

**Casing:**

- 20 ft. to 20 ft.
- Type: Heavy steel
- Size: 2 inch

**Perforated or screened:**

- Ft. 20 to ft. __
- Ft. __ to ft. __

**Type of screen or perforations:**

- End of pipe shot off with powder

**Static water level, for non-flowing well:**

- 12 to 14 feet

**Shut-in pressure, for flowing well:**

- lb./sq. in. on: __ (date)

**Pumping water level:**

- same feet at __ gal. per min.

**How tested:**

- Not tested

**Length of test:**

- __

**Remarks:**

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

- Hand pump on well.

---

(over)
Form No. 18

T. 1 South  R. 26 East

County  Yellowstone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

Water Well Log

Owner  Albert F. Jellison  Address  3088 Garden Ave.

Driller  Address:

Date Started  1951  Date Completed  1951

Location: Sec. 11  T. 1 S.  R. 66  § sec. 3 E. 3rd Lot 8

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Driven (Aug.-driven, or drilled)</th>
<th>Equipment used</th>
<th>Pipe-driver (cable, drill, rotary, other)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use:</td>
<td>Domestic</td>
<td>Municipal</td>
<td>Stock</td>
</tr>
<tr>
<td>Casing:</td>
<td>20 ft. to</td>
<td>20 ft.</td>
<td>Type</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to</td>
<td>ft.</td>
<td>Type</td>
</tr>
<tr>
<td>Perforated or screened:</td>
<td>Ft.</td>
<td>to ft.</td>
<td>Ft.</td>
</tr>
</tbody>
</table>

Type of screen or perforations: End of pipe shot off with powder

Static water level, for non-flowing well: 12 to 14 feet

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

Pumping water level: 240 feet at 1 gal. per min.

How tested: Not tested

Length of test

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

Hand pump on well

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth</th>
<th>Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>6</td>
<td>Sandy soil</td>
</tr>
<tr>
<td>6</td>
<td>20</td>
<td>Gravel</td>
</tr>
<tr>
<td>20</td>
<td>80</td>
<td>Bedrock - blue shale</td>
</tr>
<tr>
<td>80</td>
<td>100</td>
<td></td>
</tr>
</tbody>
</table>
**DRILLER'S LOG**

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

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>Date (MM/DD/YY)</th>
<th>Initials</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**ESTIMATED ANNUAL WITHDRAWAL:**

1,000,000 gal

**Static water level:**

- 17 ft

**Pumping water level:**

- 15 ft

- 1,400 gallons per minute

- Measured 45 minutes after pumping began.

*Measured from ground level.*

- Well developed by Cretaceous for 5 hours.

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

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

Driller's Signature

Driller's Address

**LICENSE NO.: 238**

53.206
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

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

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

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

### Owner
- Name: [Redacted]
- Address: [Redacted]
- Filed: January 1, 1962

### Well Information
- Date well started: June 2, 1962
- GW ! 9,550 ft

### Type of Well
- Chum drill, rotary or other

### Drilled Well
- Top of Ground (Feet above sea level):

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

### USE
- Industrial
- Irrigation
- Other

### Estimated Annual Withdrawal
- 120,000 gallons

### Estimation of Water Level
- Pumping water level... 1 f
- Static water level... 1 f

### Remarks
- Gravel packing, cementing, packers, type of shutoff

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

Driller's Signature: [Redacted]

Driller's Address: [Redacted]

License No.: 58,705
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)
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Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner
Address
Date well started
completed
Type of well
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). Kimble Sub-Amended EA-1

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Site and Depth of Drilling</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERTURATIONS</th>
</tr>
</thead>
</table>

N
W
S

Static water level
Pumping water level
Pumping water level
at

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

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

Driller's Signature
Driller's Address

LICENSE NO.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

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

1. Aly Shepovetsky, of 719 Nellane Drive, State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

   2. The beneficial use on which the claim is based
      -----------------------------------------------------
      Lawns, irrigation

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      -----------------------------------------------------
      May 1961

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
      -----------------------------------------------------
      About 50 gal 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
      -----------------------------------------------------
      About 4. acres
      Aly Shepovetsky

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
      -----------------------------------------------------
      Pump with Electric Motor
      Trench 3-inches immediate area

   7. The date of commencement and completion of the construction of the well, wells, or other works for
      withdrawal of groundwater
      -----------------------------------------------------
      Feb 1961

   8. The depth of water table
      -----------------------------------------------------
      About 9 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
      -----------------------------------------------------
      Screen pipe casing 20 ft depth

   10. The estimated amount of groundwater withdrawn each year
      -----------------------------------------------------
      About 150,000 gal.

   11. The log of formations encountered in the drilling of each well if available
      -----------------------------------------------------
      Sand, gravel and shale

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

      Signature of Owner
      Aly Shepovetsky

      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 School of Mines
and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Name of Appropriator (Address)
   Aly Shroyerly

County of
   Yellowstone

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   June 1959
   Constant day to day use

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   About 12 gal. per minute

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

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

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

8. The depth of water table
   About 9 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
   Sand point boring
   2 inch pipe casing
   7 ft. in depth

10. The estimated amount of groundwater withdrawn each year
    About 37,000 gal.

11. The log of formations encountered in the drilling of each well if available
    Sand, gravel and shale

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

Signature of Owner

Date

This form must be filed with the County Clerk and Recorder of the county in which the well is located.

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
### NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

(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:** Earl Steiger

**Address:** P.O. Box 337, Billings, MT 59101

**Date well started:** 1/1/64

**Date well completed:** 1/1/64

**Type of well:** Drilled

**Equipment used:** Dredge pump

**Water Use:** Domestic

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

**Estimated Annual Withdrawal:** 200,000 gals.

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>0'</th>
<th>50'</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- Static water level: 5 ft.
- Pumping water level: 2 ft.
- Power: 2 HP

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

**Driller's Signature:**

**Driller's Address:**

**LICENSE NO.:** 16

---

*Show exact depth of bottom*
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD  

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

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

Owner:  
Address:  
Billing/Location:  
Date well started:  
Completed:  
Type of well:  
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 (e.g., Lot, Block, and Addition). Remarks:

Estimated Annual Withdrawal:  

<table>
<thead>
<tr>
<th>Top of Ground (ft. below top of strata)</th>
<th>Perforations</th>
<th>Power and Size of Pump</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td>From</td>
<td>To</td>
</tr>
</tbody>
</table>

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

Driller's Signature:  
Driller's Address:  
LICENSE NO.:  

Show exact depth of bottom:  

Text:  
The text is not readable due to the image quality.