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## Groundwater Index

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Declaration of Vested Groundwater Rights

(Under Chapter 217, Montana Session Laws, 1961)

1. Lucile E. Kesselheim
   (Name of Appropriator)
   341 Park Hill Drive
   (Address)
   Billings
   (Town)
   County of Yellowstone
   State of Montana
   have appropriated groundwater according to Montana laws in effect prior to January 1, 1962, as follows:

   - The beneficial use on which the claim is based: livestock water
   - Date or approximate date of earliest beneficial use: 1950 and ever since
   - Use of water will continue: for that purpose
   - Amount of groundwater claimed (in miner's inches or gallons per minute): 25 liner's inches
   - Use of this water for irrigation, give the average and description of the lands to which water has been applied and name of the owner thereof: not applicable
   - Date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: re-conditioned spring in 1961
   - Depth of water table: reservoir - 20 feet
   - General specifications of any other works for the withdrawal of groundwater:
     reservoir - length 132 ft., width 40 ft., depth 10 to 20 feet
   - Estimated amount of groundwater withdrawn: 30,000 gallons
   - Log of formations encountered in the drilling of each well: not applicable

2. 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: Lucile E. Kesselheim
Date: May 14, 1962

STATE OF MONTANA, County of Yellowstone
Lucile E. Kesselheim, having first been duly sworn, deposes, and says:
That she is of the age and said lawful age and is the appropriator and claimant of the water right herein mentioned in the foregoing declaration of vested groundwater rights.
That she, the person whose name is subscribed therein, as the appropriator and claimant, doth know the contents of said foregoing notice and that the matters and things therein stated are true.
Subscribed and sworn to before me, this 14 day of May, 1962.


668
Declaration of Vested Groundwater Rights

STATE OF MONTANA
COUNTY OF ____________________

FILE NO. 9752

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Order Chapter 27, Montana Session Laws 1961)

1. Lucile E. Kesselheim

   County of Yellowstone

   Address: 341 Park Hill Drive, Billings

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

   The beneficial use on which the claim is based

   livestock water

   Date or approximate date of earliest beneficial use: 1948 - continuous usage

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

   Date for irrigation: not applicable

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

   spring and reservoir

   The estimated amount of groundwater withdrawn each year: 20'

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

   not applicable

   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

   Date: May 3, 1962

   Signature of Owner: Lucile E. Kesselheim

   Notary Public for the State of Montana, residing at Billings, Montana

   My Commission expires April 21, 1964

   State of Montana, County of Yellowstone

   Lucile E. Kesselheim

   subscribing and sworn to before me, the 8th day of May, 1962

   Notary Public for the State of Montana, residing at Billings, Montana

   My Commission expires April 21, 1964

   Signature of Notary Public: Lucile E. Kesselheim

   Date: May 3, 1962
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1963
Owner: John Smith
Address: 123 Main St., Bozeman, MT
Contractor (if any): John Doe
Address of Contractor: 456 Pine St., Helena, MT
Date Started: 5-15-63
Date Completed: 10-20-63

Describe means of obtaining groundwater without a well "as by subirrigation and other natural processes". Include depth to water when applicable. "Principal runoff" upon which

Full 20 feet

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

100 acre feet irrigation based on

computation: probably six months in summer

Signature of Owner

Date: 12-28-63

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Mr. J. C. McDonald, Lewistown, Montana

February 26, 1964

December 20, 1963

(See Below)

From natural surface runoff.

Document Nos. 16963
16961
16962
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

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<th>Driller</th>
<th>Address</th>
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<th>Date Completed</th>
<th>Location: Sec.</th>
<th>T.</th>
<th>R.</th>
<th>Location: Sec.</th>
<th>T.</th>
<th>R.</th>
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Type of well | Equipment used

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<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
<th>Industrial</th>
<th>Drainage</th>
<th>Other</th>
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Casing: _ to _ ft. Type: _ Size: _
Casing: _ to _ ft. Type: _ Size: _
Casing: _ to _ ft. Type: _ Size: _

Perforated or Screened: _ to _ ft. _ to _ 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)
### WATER WELL LOG

<table>
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<th>Owner:</th>
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<td>Location: Sec.</td>
<td>Township:</td>
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#### Type of well:
- [ ] Dug
- [ ] Driven
- [ ] Bored
- [ ] Drilled

#### Equipment used:
- [ ] Churn drill
- [ ] Rotary drill
- [ ] Other:

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

#### Casing:
- From ft. to ft. Type Size
- From ft. to ft. Type Size
- From ft. to ft. Type Size

#### Perforated or Screened:
- From ft. to ft.
- From ft. to ft.

#### Type of screen or perforations:

#### Static Water level, for non-flowing well:

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

#### Pumping water level:

#### How tested:

#### Length of test:

#### Remarks:

(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<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>0</td>
<td>50</td>
</tr>
<tr>
<td>Sand</td>
<td>to sandstone</td>
</tr>
<tr>
<td>50</td>
<td>100</td>
</tr>
<tr>
<td>Sandstone</td>
<td>to bedrock</td>
</tr>
<tr>
<td>100</td>
<td>150</td>
</tr>
<tr>
<td>Bedrock</td>
<td>to dolostone</td>
</tr>
<tr>
<td>150</td>
<td>200</td>
</tr>
<tr>
<td>Dolostone</td>
<td>to limestone</td>
</tr>
<tr>
<td>200</td>
<td>250</td>
</tr>
<tr>
<td>Limestone</td>
<td>to sandstone</td>
</tr>
<tr>
<td>250</td>
<td>300</td>
</tr>
<tr>
<td>Sandstone</td>
<td>to sand</td>
</tr>
<tr>
<td>300</td>
<td>350</td>
</tr>
<tr>
<td>Sand</td>
<td>to sandstone</td>
</tr>
<tr>
<td>350</td>
<td>400</td>
</tr>
<tr>
<td>Sandstone</td>
<td>to sand</td>
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<tr>
<td>400</td>
<td>450</td>
</tr>
<tr>
<td>Sand</td>
<td>to sandstone</td>
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<td>Sandstone</td>
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<td>Sand</td>
<td>to sandstone</td>
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<td>Sand</td>
<td>to sandstone</td>
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<td>650</td>
<td>700</td>
</tr>
<tr>
<td>Sandstone</td>
<td>to sand</td>
</tr>
<tr>
<td>700</td>
<td>750</td>
</tr>
<tr>
<td>Sand</td>
<td>to sandstone</td>
</tr>
<tr>
<td>750</td>
<td>800</td>
</tr>
<tr>
<td>Sandstone</td>
<td>to sand</td>
</tr>
<tr>
<td>800</td>
<td>850</td>
</tr>
<tr>
<td>Sand</td>
<td>to sandstone</td>
</tr>
<tr>
<td>850</td>
<td>900</td>
</tr>
<tr>
<td>Sandstone</td>
<td>to sand</td>
</tr>
<tr>
<td>900</td>
<td>950</td>
</tr>
<tr>
<td>Sand</td>
<td>to sandstone</td>
</tr>
</tbody>
</table>

Note: The table above is a log of well depths and the materials drilled at each interval.
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Signature: [Handwritten] Dec. 95

Note: [Handwritten] DOGFAST 1/4" Cage and Rein.
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1962**

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

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

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

**Date well started:**

**Date completed:**

**Type of well:**

- [ ] Dug
- [ ] Driven
- [ ] Bored
- [ ] Drilled

**Equipment used:**

- [ ] Churn drill
- [ ] Rotary
- [ ] Other

**Water use:**

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

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

### Diagram:

```
    W   E
    N

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**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 shut-off)

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

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

**Driller's License Number:**

**Driller's Signature:**

47122
45630

City of Ventura
County of Ventura
Filed 11-2-72.

at 2:30 a.m. Court.

County Clerk and Recorder.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elav. above sea level)

Date of Notice of Appropriation of Groundwater

Date well started

Jan. 5, 1964

Date Completed: Feb. 11, 1964

Notice of Completion of Groundwater Appropriation by Means of Well

Owner: L. L. Cornish

Address: Darvins, Mont.

Driller: C. C. Thatcher

Address: Stanford, Mont.

State of Montana

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

File No.

Country

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

34941

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.
State of Montana,
County of Pero.  

Filed: FEB 17, 1964
at 10:25 a.m. R.M.

MAY RATHBUN
County Clerk and Recorder

By: Maggriue U. Sturley
Deputy

$200.00
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 Fergus
   Address: 

   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 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:

   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 geologic, geological, 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: Theodore Rudland
   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.
State of Montana, County of Purgil.

Filed: DEC 31 1960
at 9:35 a.m.

MAY RATHFUR
County Clerk and Recorder
**Notice of Completion of Groundwater Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1962

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**STATE WATER CONSERVATION BOARD**

(Under Chapter 257 Montana Session Laws, 1961, as amended)

Owner: **Weldon Moody**  Address: **Lewistown, Montana**

Driller: **George V. Singley**  Address: **Lewistown, Montana**

Date of Notice of appropriation of groundwater: **None**

Date well started: **Nov. 2, 1972**  Date completed: **Nov. 4, 1972**

Type of well: **Drilled**  Equipment used: **Rotary**

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 Cutting</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7-7/8</td>
<td>3/4 OD</td>
<td>0</td>
<td>42</td>
<td></td>
</tr>
<tr>
<td>5-5/8</td>
<td>3/4 OD</td>
<td>42</td>
<td>110</td>
<td></td>
</tr>
<tr>
<td>Plastic</td>
<td>3/4 OD</td>
<td>42</td>
<td>110</td>
<td></td>
</tr>
<tr>
<td>Plastic</td>
<td>30</td>
<td>110</td>
<td>110</td>
<td>50</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: **50** feet.

Shut-in Pressure for Flowing Well: **None**

Pumping Water Level: **84** feet at **10** gal. per minute.

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

How Tested: **Air**

Length of Test: **2 hrs.**

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).**

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, tissue copy to be retained by driller.

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

Driller’s License Number: **[Signature]**

Driller’s Signature: **[Signature]**
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 257, Montana Session Laws, 1961)

1. 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:

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.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: .................................................. Address: ..................................................
Driller: .................................................. Address: ..................................................
Date Started: ........................................... Date Completed: ..........................................
Location: Sec. .................................. T. .................................. R. .................................. ¼ sec. ..................................

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

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

Casing:
ft. to ft. Type Size
ft. to ft. Type Size
ft. to ft. Type Size

Perforated or Screened:
ft. to ft. to ft. to ft.

Type of screen or perforations: ..................................................

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

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

Pumping water level: ...................................................

How tested: ...................................................

Length of test: ..................................................

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

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<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Driller</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td></td>
</tr>
<tr>
<td>Date Completed</td>
<td></td>
</tr>
<tr>
<td>Location</td>
<td></td>
</tr>
<tr>
<td>T, R, Sec, T, R, 1/4 sec</td>
<td></td>
</tr>
<tr>
<td>Type of well</td>
<td></td>
</tr>
<tr>
<td>Equipment used</td>
<td></td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic [ ] Municipal [ ] Stock [ ]</td>
</tr>
<tr>
<td></td>
<td>Irrigation [ ] Industrial [ ] Drainage</td>
</tr>
<tr>
<td></td>
<td>Other:</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to ft. Type Size</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to ft. Type Size</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to ft. Type Size</td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Ft. to Ft. Ft. to Ft. Ft. to Ft.</td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>feet.</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq. in. on: (date)</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>feet at gal. per min.</td>
</tr>
<tr>
<td>How tested</td>
<td></td>
</tr>
<tr>
<td>Length of test</td>
<td></td>
</tr>
<tr>
<td>Remarks</td>
<td></td>
</tr>
<tr>
<td>Depth, feet</td>
<td>Description of Material Drilled</td>
</tr>
<tr>
<td>------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td>From</td>
<td>To</td>
</tr>
</tbody>
</table>

Log of Well
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 217, Montana Session Laws, 1961)

Owner: 
Address: 

Driller: K 
Address: 

Date of Notice of completion of groundwater: 
Date well started: 
Date completed: 11-2-1962

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

Water use: Domestic ☑ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>Kind Size</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level

at

Discharge in gal. per min. of flowing well

How Tested

Length of Test

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

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

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, the 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: 
County: 

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lat, Block and Addition).
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator: ____________________________
   Address: ____________________________
   Town: ____________________________
   County of ____________________________
   State of ____________________________
   I hereby claim to 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. The log of formations encountered in the drilling of each well if available:
   ____________________________

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 257, Montana Session Laws, 1961)

1. Floyd A. Damschen
   Name of Appropriator
   Address: Route 2, Lewistown
   Town:
   County of: Fergus
   State of: Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use for which the claim is based: Domestic Lawns and Gardens.

3. Date of approximate date of earliest beneficial use, and how continuous the use has been: August 1st, 1957.

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

5. If used for irrigation, give the average and description of the land 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: Deep Well No. 1.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: July 20, 1957, July 29, 1957.

8. The depth of water table: 28 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: 206,000 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 the state, providing reference to book and page of any county record.

Signature of Owner: Floyd A. Damschen
Date: 11/30/62

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

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

Under Chapter 297, Montana Session Laws, 1961

Owner: ____________________________________________ Address: ____________________________________________
Driller: ____________________________________________ Address: ____________________________________________
Date of Notice of Appropriation of Groundwater: __________________________ Date Completed: __________________________
Type of well: __________________________ Equipment Used: __________________________
(trig., dredged, bored or drilled) (Churn, drill, rotary or other)
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.

<table>
<thead>
<tr>
<th>Strata</th>
<th>Depth (Feet)</th>
</tr>
</thead>
</table>

Static Water Level for non-flowing Well: __________________________ feet.
Shut-in Pressure for Flowing Well: __________________________
Pumping Water Level: __________________________ feet at gal. per minute.
Discharge in gal. per min. of flowing well: __________________________
How Tested: __________________________ Length of Test: __________________________
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation): __________________________

Driller's License Number: __________________________
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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

Owner: Bert Dewell
Address: Lewiston, Montana
Driller: George C. Angley
Address: Lewiston, Montana

Date Notice of appropriation of groundwater: None

Date well started: Aug. 11, 1955
Date completed: Aug. 11, 1965

Type of well: Drilled
Equipment used: Rotary
(Dug, Driven, bored or drilled)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-5/8&quot; 4-3/4&quot;</td>
<td></td>
<td>72</td>
<td>115</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well: None

Pumping Water Level: 25 feet

Discharge in gal. per min. of flowing well

How Tested: Sounding

Length of Test: 1 hr.

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

Casing cemented with 4 sacks cement, Gravel packed from 63-115'

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, three copy to be retained by driller.

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

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

Owner: Lester Hartford
Address: Lewistown, Montana

Driller: George C. Stout
Address: Lewistown, Montana

Date of Notice of appropriation of groundwater: None

Date well started: Sept. 6, 1969
Date completed: Sept. 6, 1969

Type of well: Drilled
Equipment used: Rotary

Water use: Domestic

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

<table>
<thead>
<tr>
<th>Size of Drill</th>
<th>Hole</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>2½/8 4½ OD 1/2</td>
<td>0 130</td>
<td>Plastic gr. 1 130</td>
<td>5/16 holes 20 130</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 10 feet.

Shutdown Pressure for flowing well: None

Pumping Water Level: 30 feet at 5 gal. per minute.

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

How Tested: Building and Air

Length of Test: 1 hr.

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

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).

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, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
State of Montana,
County of Beaver

Filed
at 8:30 o'clock A.M.
FEB 24, 1970

19

MAY RATHBUN
County Clerk and Recorder

By

Copy

39030

By "the Board"
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>
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</tbody>
</table>

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

Location: Sec. ___ T. ___ R. ___ 1/4 sec. ___

Type of well: [ ] Dug, [ ] Driven, [ ] Bored, [ ] Drilled
Equipment used: [ ] Chum, [ ] Drill, [ ] Rotary, [ ] Other

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

Casing: [ ] 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: [ ]

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)
Log of Work

<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Hauled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
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<tr>
<td>6</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Approprietor: 
   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 continuous the use has been since then:

4. The amount of groundwater claimed (in miner's inches or gallons per minute) and the nature and kind of use of which it is used:

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; Quadruplicate for the Approprietor.
**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

---

**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

---

**Owner:** Dave Kilgore  
**Address:** Lewistown, Montana

**Driller:** George C. Songer  
**Address:** Lewistown, Montana

**Date of Notice of appropriation of groundwater:** None

**Date well started:** May 20, 1967  
**Date completed:** May 20, 1967

**Type of well:** Drilled  
**Equipment used:** Rotary

**Water use:** Domestic  
**Equipment used:** Municipal  
**Equipment used:** Stock  
**Equipment used:** Irrigation  
**Equipment used:** Industrial  
**Equipment used:** Drainage  
**Equipment used:** Other

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<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size of Weight of casing</th>
<th>Kind of Well</th>
<th>From</th>
<th>To</th>
<th>Depth</th>
<th>Kind Size</th>
<th>From</th>
<th>To</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>7-7/8&quot;</td>
<td>1' above ground</td>
<td>20&quot;</td>
<td>21</td>
<td>80</td>
<td>0</td>
<td>80</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5-5/8&quot;</td>
<td>PVC</td>
<td>4&quot;, Schedule 40</td>
<td>0</td>
<td>21</td>
<td>80</td>
<td>0</td>
<td>80</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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**Static Water Level for non-flowing well:** 84.5 feet

**Shut-in Pressure for Flowing Well:** None

**Pumping Water Level:** 20 feet

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

**How Tested:** Pumping

**Length of Test:** 1 hr

**Remarks:** Gravel pack cementing packers type of shut-off. Sealed with rubber and cement.

---

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

---

**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, tissue copy to be retained by driller.

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

---

**Driller's License Number:** 19

---

**Driller's Signature:**

---

---

---

---
State of Montana, ex. v.
County of Fergus.

MAY 6 1970

Filed at 9:30:00 a.m.

Maggie Hathaway
County Clerk and Recorder
## MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

### WATER WELL LOG

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

**Type of well: (Dug, driven, bored, or drilled)**

**Equipment used: (Churn drill, rotary, other)**

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

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

**Perforated or Screened: Ft. to Ft. to Ft.**

**Type of screen or perforations:**

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

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

**Pumping water level:**

**How tested:**

**Length of test:**

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

(over)
<table>
<thead>
<tr>
<th>Description</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Owner</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Driller</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td></td>
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<tr>
<td><strong>Date Started</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Date Completed</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>Sec. T. R. Sec. T. R.</td>
</tr>
<tr>
<td><strong>Type of well</strong></td>
<td>(Dug, driven, bored, drilled)</td>
</tr>
<tr>
<td><strong>Equipment used</strong></td>
<td>(Churn drill, rotary, other)</td>
</tr>
<tr>
<td><strong>Water use</strong></td>
<td>Domestic [X]  Municipal [ ]  Stock [ ]  Irrigation [ ]</td>
</tr>
<tr>
<td><strong>Industrial</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Drainage</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Other</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Casing:</strong></td>
<td>ft. to ft.  Type:  Size:</td>
</tr>
<tr>
<td><strong>Perforated or Screened:</strong></td>
<td>Ft. to Ft.  Ft. to Ft.</td>
</tr>
<tr>
<td><strong>Static Water level, for non-flowing well:</strong></td>
<td>feet</td>
</tr>
<tr>
<td><strong>Shut-in pressure, for flowing well:</strong></td>
<td>lb./sq. in. on:  (date)</td>
</tr>
<tr>
<td><strong>Pumping water level</strong></td>
<td>feet at gal. per min.  MINIMUM:</td>
</tr>
<tr>
<td><strong>How tested:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Length of test:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Remarks:</strong></td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
<tr>
<td><strong>(over)</strong></td>
<td></td>
</tr>
<tr>
<td>Depth, feet</td>
<td>From</td>
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</tbody>
</table>

Log of Well
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>1</td>
<td></td>
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<td></td>
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<tr>
<td>9</td>
<td></td>
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<tr>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

Signed: 12/4/1955

DORIS LAKE

Cliff Rutten
### Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 297, Montana Session Laws, 1961)

<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 of Notice of Appropriation of Groundwater

Date well started: 11/11/1961
Date completed: 11/19/1961

Type of well: Dug
Equipment Used: Churn

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

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.

---

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cable</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>

**Static Water Level**

---

**Shut-in Pressure for Flowing Well**

---

**Pumping Water Level**

---

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

---

**How Tested**

---

**Length of Test**

---

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

---

Driller’s License Number

---

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.

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

John Shiffer
Address: Lewistown, Montana

Driller: George O. Singy
Address: Lewistown, Montana

Date of Notice of Appropriation of Groundwater: June 30, 1963
Date Completed: Sept. 3, 1963

Type of Well: Drilled
Equipment Used: Cable Tool

Water Use: Domestic ☑ Municipal ☐ Other ☐ Irrigation ☐

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: 40 feet
Shut-in Pressure for Flowing Well: 100 feet at 20 gal. per minute

Discharge in gal. per min. of flowing well: How Tested: Balling
Length of Test: 1 hr.

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

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.

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.
FORM NO. 1

MONTANA BUREAU OF MINES AND GEOLOGY
Lewis, Montana

WATER WELL LOG

Owner: George C. Singlet
Address: Lewistown, Montana

Driller: George C. Singlet
Address: Lewistown, Montana

Date Started: January 1, 1957
Date Completed: Jan. 3, 1957

Levis Heights
Location: Sec. 16

Type of well: Drilled
Equipment used: Cable Tool

Water use: Domestic [X] Municipal [ ] Stock [ ] Irrigation [ ]

Above ground

Casing: 1 ft. to 47 1/2 ft. Type [ ] Size [ ]
Casing: 48 ft. to 130 ft. Type [ ] Size [ ]
Casing: [ ] ft. to [ ] ft. Type [ ] Size [ ]

Perforated or Screened: Ft. to Ft.

Type of screen or perforations:

Static Water level, for non-flowing well: 20 feet.

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

Pumping water level: 15 feet at 20 gal. per min.

How tested: Bailing

Length of test: 2 hr.

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

5 3/16" casing cemented with 10 bags cement
<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>0</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>15</td>
</tr>
<tr>
<td>15</td>
<td>45</td>
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<td>45</td>
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<td>85</td>
<td>87</td>
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<td>87</td>
<td>110</td>
</tr>
<tr>
<td>110</td>
<td>130</td>
</tr>
<tr>
<td>130</td>
<td>145</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

[Diagram of groundwater rights]

1. Name of Appropriator
   Address
   Town
   State of Montana

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: about 1953 intermittent

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

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

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

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: about 90 or 100 ft

9. So far as it may be available, the type, size and depth of each well or other means of withdrawing groundwater: drilled about 12 in. hole 160 ft deep

10. The estimated amount of groundwater withdrawn each year: don't know

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: more known

Signature of Owner: J. H. Taylor
Date: Dec. 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.
# WATER WELL LOG

**Owner:**

**Address:**

**Driller:**

**Address:**

**Date Started:**

**Date Completed:**

**Location:**

<table>
<thead>
<tr>
<th>Type of well</th>
<th>(Dec. driven, bored, drilled)</th>
<th>Equipment used</th>
</tr>
</thead>
</table>

**Water use:**

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

**Casing:**

- ft. to ft. [ ]
- Type [ ]
- Size [ ]

**Perforated or Screened:**

- to ft. [ ]
- ft. to ft. [ ]

**Type of screen or perforations:**

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

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

**Pumping water level:**

**How tested:**

**Length of test:**

**Remarks:**

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