<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Government</td>
<td>E-24</td>
<td>92-2</td>
<td>T 16-1</td>
</tr>
<tr>
<td>24</td>
<td>Government</td>
<td>E-13</td>
<td>10-285</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

<table>
<thead>
<tr>
<th>Date of Appropriation of Groundwater</th>
<th>1927</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>R. Creathwaite</td>
</tr>
<tr>
<td>Address</td>
<td>Box 139, Sheridan</td>
</tr>
<tr>
<td>Contractor (if any)</td>
<td></td>
</tr>
<tr>
<td>Address of Contractor</td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td></td>
</tr>
<tr>
<td>Date Completed</td>
<td></td>
</tr>
<tr>
<td>Describe means of obtaining groundwater without a well <strong>as by sub-irrigation and other natural processes</strong>. Include depth to water when applicable.</td>
<td></td>
</tr>
<tr>
<td>Jamie, spring, site stream, natural processes.</td>
<td></td>
</tr>
<tr>
<td>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.</td>
<td></td>
</tr>
<tr>
<td>Content use for stock watering, .....</td>
<td></td>
</tr>
<tr>
<td>domestic use and gardens, irrigation, use about 500 gallons per day. Stream has never been dammed.</td>
<td></td>
</tr>
<tr>
<td>Signature of Owner R. Creathwaite</td>
<td></td>
</tr>
<tr>
<td>Date</td>
<td>12-23-63</td>
</tr>
</tbody>
</table>

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.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Kamenas</td>
<td>GW 4</td>
<td>1917</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Widny liked</td>
<td>GW 3</td>
<td>0005</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Radner, Lulu</td>
<td>GW 1</td>
<td>10912</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Kammesfeld, Frankie</td>
<td>GW 3</td>
<td>11224</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Akers, John</td>
<td>GW 3</td>
<td>11216</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>McNeil, E. &amp; R. McNeil</td>
<td>GW 3</td>
<td>8816</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Kammers, Walter J &amp; Kayl</td>
<td>GW 3</td>
<td>9913</td>
<td></td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana General Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

1. Name of Appropriate: [Name]
   County of: [County]  State of: [State]
   Pollock

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: [Feb. 1850 - continuous use]

4. The amount of groundwater claimed (in inches or gallons per minute): [20 gallons per minute]

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

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

7. The date of commencement and completion of the construction of wells, galleries, or other works for withdrawal of groundwater:
   Commenced [Feb. 1850]; completed [March 20, 1863]

8. The depth of water table: [12 feet]

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: [14 feet deep; pipe size 2 inches]

10. The estimated amount of groundwater withdrawn each year: [18,200 gal.]

11. The log of formations encountered in the drilling of each well if available: [not available]

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

Signature of Owner: [Signature]
Date: [October 29, 1963]

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the 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 Without Well

(Under Chapter 231 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner

Address

Contractor (if any)

Address of Contractor

Date Started

Date Completed

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other methods" as applicable.

Quantity of water developed and used with explanation of methods
used to measure or estimate such amount.

Intermittent use, 200 gal. per day, usually during
summer months, or 6-month periods

Signatures of Owner

Date

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Aug. 1919
Owner: Ella A. Weekly
Address: Three Forks, Mont.
Contractor (if any)
Address of Contractor
Date Started: Date Completed

Describe means of obtaining groundwater without a well "as by gravity flow and water pipe, from spring, surface water, pipe, well, and artesian fall.

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.

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Luke Packer**
   - Name of Appropriator
   - Address
   - Town
   - County
   - State
   - have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>W</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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:
   - May 6, 1944

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   - 5 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:
   - 76 acres

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - **Method of Withdrawal**
   - **Location**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   - 1944

8. The depth of water table:
   - 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:

10. The estimated amount of groundwater withdrawn each year:
    - 110,125,654

11. The log of formations encountered in the drilling of each well if available:
    - [Log]

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:
    - [Log]

**Signature of Owner:** Luke Packer
**Date:** June 31, 1962

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

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

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

Date of Appropriation of Groundwater
Owner:
Address: .
Contractor (If any):
Address of Contractor:

Date Started:
Date Completed:

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

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

This form to be prepared by contractor if any, or owner 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 and cross 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 Montana Water Appropriators.
STATE OF MONONGAHELA
COUNTY OF FLATLAND
Filed on the 4th day of May,
A.D. 1902, at 9:45 O'clock A.M.

County Clerk and Sealer

By

Deputy
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

July 7, 1958

Date of Appropriation of Groundwater

Owner

Address

Contractor (if any)

Address of Contractor

Date Started

Date Completed

Describe means of obtaining groundwater without a well as by

Sub-irrigation and other natural processes included, and water when applicable.

Natural springs coming out of the ground

Quantity of water developed and used with explanation of method

of used to measure or estimate such amount. If use is intermittent,

estimated amount has ever been measured.

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

Signature of Owner

Date

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

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

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

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

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

Date of Appropriation of Groundwater: Aug 12, 1963
Owner: Claude R. McNeil
Address: 802 S 15th St.
Date Started: __________ Date Completed: __________
Contractor (if any): __________ Address of Contractor: __________

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes", include depth to
water when applicable: A stream arising from
hill west of place and flows up

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

Quantity of water developed and used with explanation of method
used to measure or estimate such amount if use is intermit-
tent estimate approximate lengths of periods of use ________
Summer use only - laundry, household, etc., pipeline
developed (natural flow) is about
3 gal. per sec. at spring

Signature of Owner: Claude R. McNeil
Date: Aug 12, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
</table>
As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

**Special Instructions:**

- Describe means of obtaining groundwater without a well: "as by sub-irrigation and other natural processes." Include depth to water when applicable.
- Include surface waterings and sub-irrigation.

**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.
- If not applicable, indicate.

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

**Signature of Owner:**

- Date: Oct. 29, 1972

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

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

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

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

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

Date of Appropriation of Groundwater: October 21, 1967

Owner: Erick B. Sweet and Address: Colstrip, Mont.

Contractor (if any): Not applicable

Address of Contractor: Not applicable

Date: Started: Not applicable; Date Completed: Not applicable

Describe means of obtaining groundwater without a well “as by sub-irrigation and other natural processes”. Include depth to water when applicable.

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

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

Signature of Owner: Erick B. Sweet
Date: Oct. 21, 1972

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.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/1</td>
<td>Muskey, Fred W.</td>
<td>GW3</td>
<td>14220</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Chapman, Hugh</td>
<td>GW23</td>
<td>9577</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Mullin, Ann</td>
<td>GW3</td>
<td>114046</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Pecosありの試す</td>
<td>GW4</td>
<td>11411</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Cooper, Robert A.</td>
<td>GW23</td>
<td>14530</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Cooper, Miss.</td>
<td>GW27</td>
<td>11072</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well!

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation: Oct. 20, 1970
Owner: Frank W. New
Address: Polebridge, Mont.
Contractor (if any): 
Address of Contractor: 

Date Started: 
Date Completed: 

Describe means of obtaining groundwater without a well “as by sub-irrigation and other natural processes”. Include depth to water when applicable. These springs emerge naturally and flow onto my property in a small creek.

Date: Oct. 20, 1970

Signature of owner:

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 suit duplicate for the Appropriator.

Doc. No. 237
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater
Owner: Kyle A. Chapman
Address: Columbia Falls, Montana
Contractor (if any): None
Address of Contractor: None
Date Started: Date Completed:

Describe means of obtaining groundwater without a well “as by sub-irrigation and other natural processes”. Include depth to water when applicable: Seasonal Spring Flow

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

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

Signature of Owner: Kyle A. Chapman
Date: September 30, 1961

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

![Special Instructions](image)

**Water Resources Division Address**

**Engineering Bureau Location**

**Groundwater Section**

Sam W. Mitchell Building

Helena, Montana 59601

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

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

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

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

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: JUNE 15, 1972

Owner: PAUL MUELLER  Address: POLICE, MONTANA

Contractor (if any) ____________________________________________

Address of Contractor ________________________________________

Date Started __________________ Date Completed ________________

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. SOURCE IS SPRING - WATER WILL BE OBTAINED WITH GASOLINE PUMP OR OTHER MEANS

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. SPRING IS N OF DEVELOPED. M.T. EST.

EVEN YEAR USE: 500 GALLONS/DAY

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

Signature of Owner: __________________________ Date: JUNE 15, 1972

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA  
COUNTY OF Silver Bow

STATE OF MONTANA
COUNTY OF Silver Bow

Isabelle McCarthy Kane Rae having first been duly sworn,
swears and says that she is of lawful age and she is
the appropriator and claimant of the order and water right mentioned in the
foregoing declaration of vested groundwater rights and the person whose name is
subscribed thereto, as the appropriator and claimant, that she knows
the contents of said foregoing notice and that the matters and things therein stated are
true.

Subscribed and sworn to before me, this 20th day of December, 1943.

W. M. Mayes

Notary Public
As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please provide an indication on the attached form of the dates the spring development was started and completed, and the means or method used to develop the spring.

NOTE: Undeveloped springs are usually considered surface water, and are therefore appropriated in an entirely different manner.

Thank you.

[Form]

Describe means of obtaining groundwater without a well or subirrigation and other natural processes. Include depth to water when applicable. Appropriation is from a natural spring located in the northeastern portion of the SE 1/4 SW 1/4 Sec. 22, T. 35 N., R. 21 W. to be used for domestic purposes on tracts in the SW 1/4 SW 1/4 of said Section 22.

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.

Quantity appropriated is one-half cubic foot per second of time through a one and one-half inch pipe and pump.

[Signature]

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

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
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: October 11, 1972

Owner: Robert H. & Betty Olson
Address: Polebridge, Mont.

Contractor (if any): No contractor

Address of Contractor: ____________________________________________

Date Started: ______________ Date Completed: ______________

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Appropriation is from a natural
spring located in the Northwesterly portion of
the NE 1/4, Sec. 22, T. 35 N., R. 21 W., to be used for domestic purposes on tracts in
the W1/4 of said Section 22.

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:

Quantity appropriated is one-half cubic foot per second of time through a one-inch and one-half
inch pipe and pump.

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

[Grid diagram]

Dec. 13, 1972

Signature of Owner: Robert H. Olson and Betty J. Olson
Date: October 11, 1972

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.
# WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ben</td>
<td>MR Bridge</td>
<td></td>
<td></td>
<td>May 1956</td>
<td>Oct 1958</td>
</tr>
</tbody>
</table>

**Location:** Sec. 27, T. 32 N., R. 24 E., 1/4 sec. N.E.

**Type of well:** 
- [ ] Well Drilled
- [ ] Borehole Drilled
- [ ] Other

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

**Casing:**
- [ ] Casing: 2-5/8" to 10-3/4" Type: Steel
- [ ] Casing: 6" to 12" Type: Other

**Perforated or Screened:**
- [ ] Perforated or Screened: 21" to 24" Type: Steel

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

**Shut-in pressure, for flowing well:** __________ in. 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)
Dec. 19, 1958

Montana Bureau of Mines & Geology
Butte, Mont.

Gentlemen:

We are enclosing a copy of a water well log filed in this office Dec. 19th, 1958 by Rex Rover.

very truly yours,

A. J. Shaw, County Clerk

By: [Signature]

Deputy

AJ5/bel

cc/ Montana State Engineers - Helena, Mont.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>12</td>
<td>Cheste, Jake</td>
<td>Cn.2</td>
<td>11427</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Hagga, Tesla Joseph</td>
<td>Cn.3</td>
<td>10175</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Owner: [Name]
Address: [Address]
Driller: [Name]
Address: [Address]
Date of Notice of Appropriation of Groundwater: [Date]
Date well started: [Date]
Date completed: [Date]
Type of well: [Type]
Equipment Used: [Equipment]
(Hand, auger, drilled or other)
Water Use: [Type]
(Residential, municipal, stock or irrigation)

Map of ground flow: [Map]

| Static Water Level for non-flowing Well | 1.0 | feet |
| Static Pressure for flowing Well | Non-flowing |
| Pumping Water Level | 5 feet | Water at 5 feet per minute |
| Discharge in gpm or cfs | 50 gpm | |
| Well tested | [Name] |
| Length of Test | 1 | hour |

Remarks: [Remarks]

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

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

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

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237, Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1946

Ralph L. Thayer and
230 2nd St. East
Address: Kalispell, Montana

Contractor (if any): None
Address of Contractor: None

Date Started: 1946
Date Completed: 1946

Describe means of obtaining groundwater without a well "as by
subirrigation and other natural processes". Include depth to
water when applicable: Ground spring from which water is taken
by pipe with gravity flow.

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: Minimal household use. In use during
summer residences.

Signature of owner: Ralph L. Thayer
Date: December 23, 1963

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

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

Please answer all questions. If not applicable, write "not applicable". The form will be returned.

Original to the County Clerk and Recorder. Carbon to the State Engineer. Triplicate to the Montana
Bureau of Mines and Geology and Quartermaster Corps. Appropriator.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237, Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1946

Ralph L. Thayer and 230 2nd St. East
Owner: Jessie Thayer
Address: Kalispell, Montana

Contractor (if any) None
Address of Contractor None

Date Started: 1946 Date Completed: 1946

Describe means of obtaining groundwater without a well “as by sub-irrigation and other natural processes”. Include depth to water when applicable.

Ground spring from which water is taken by pipe with gravity flow

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.

Minimal household use. In use during summer residences.

Signature of Owner

Date: December 23, 1963

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

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

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

Original to the County Clerk and Recorder: duplicate to the State Engineer: triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriate.
<table>
<thead>
<tr>
<th>Sec</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Francisco, J. A. &amp; M.</td>
<td>GW 2</td>
<td>9733</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Date of Notice of Appropriation: 
Date Well Started: 9/1/60
Date Completed: 9/1/60

Type of Well: Drilled
Equipment Used: Drill

Water Use: Municipal

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 (Feet)</th>
<th>Size and Weight of Casing (Feet)</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 for non-flowing Well: 3 1/2 ft.
Shut-in Pressure for Flowing Well
Pumping Water Level: 25 ft. and 25 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)

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Driller's License Number
Driller's Signature

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

Please answer all questions, if not applicable, so stated, 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>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>32</td>
<td>Adams, Ernest</td>
<td>Q12</td>
<td>9927</td>
<td></td>
</tr>
</tbody>
</table>
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner**: Everett Arena, Address: Olney, Mont

**Driller**: Thomas McCutcheon, Address: 945 S. Ave.

**Duplicate State Engineer**: Office of State Engineer, to University of Montana

**Date of Notice of Appropriation of Groundwater**: Oct. 3, 1963

**Date Well Started**: Oct. 4, 1963

**Date Completed**: Oct. 9, 1963

**Type of Well Drilled**: Equipment Used: (Churn, drill, rotary or other)

**Water User Licensed**: (Municipal, Stock, Irrigation, Drainage, Other)

**Identification on the Diagram**: 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 Bore (feet)</th>
<th>Liner and Weight of casing (Feet)</th>
<th>Press (Feet)</th>
<th>Top (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>65 ft</td>
<td>7&quot; OD</td>
<td>23 ft</td>
<td>11 5/16</td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for Non-Flowing Well**: 90 feet

**Shut-in Pressure for Flowing Well**: Per minute.

**Pumping Water Level**: 90 feet... 7... gal. per minute.

**Discharge in gal. per min. of flowing well**: Length of Test... 2 hrs.

**Remarks**: (Gravel packing, cementing, packer, type of shutoff, location or 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**: Thomas McCutcheon

**Driller's Signature**

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriation.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>17</td>
<td>Illinois District 3</td>
<td>563-13-29</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>County</th>
<th>Twp.</th>
<th>Rge.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Javine</td>
<td>222</td>
<td>2-6</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

Notice: Completion of Groundwater Appropriation by Means of Well

Owner: Robert D. Brown
Driller: Frank D. Jackson
Date of Notice of Appropriation of Groundwater: June 15, 1962
Date Well Started: Dec. 15, 1962
Date Well Completed: Aug. 27, 1962
Type of Well: Drilled
Equipment Used: Manual

Static Water Level for non-flowing Well: 8.3 feet
Shut-in Pressure for flowing Well: Non-flowing
Pumping Water Level: 3.9 feet at 10 gal. per minute
Discharge in gal. per min. of flowing well: Non-flowing
How Tested: Static
Length of Test: 2 hrs

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

Sw. 1/4 Sec. 15 T. 33 R. 12
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

The above marked location is correct to the best of my knowledge and belief.

Driller's License Number: 56

Subscribed and sworn to before me, Donald Eldridge, this 1st day of June, 1962

This form to be prepared by driller, and three copies to be filed in the office of 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 Appropriation.

43,087
STATE OF MONTANA
COUNTY OF FLATHEAD

Filed on the 6th day of July, A.D. 1965, at 9 o'Clock A.M.

County Clerk and Recorder

By
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>22</td>
<td>1.2</td>
<td>G-1234</td>
<td>9842</td>
<td></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)

1. Name of Appropriator: ______________________
   Address: ______________________
   Town: ______________________

   County of Flathead
   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: Domestic, Recreation, Irrigation, Fire Control or Administration Site.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Early 1920's to present - 1954 to present year rounds; Prior 1954 all-year except winter season.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 500 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.

   Owner: United States of America

6. The means of withdrawing such water from the ground and the location of the well or other means of withdrawal: Electric pump, well on Big Creek Ranger Station Administrative Site, gasoline pump on Big Creek.

7. The date of commencement and completion of the construction of the well, wells, or other works: August 1955, completed spring 1956.

8. The depth of water table: 33 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater in casing from surface to 96 feet:

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

11. The log of formations encountered in the drilling of each well if available: Surface to 22 feet, heavy gravel and boulders; 22-40 ft. gravel and boulders; 40-70 ft. gravel and sand; 70-72 ft. sand and some water; 72-96 ft. water-bearing sand.

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

United States of America

Signature of Owner

Date: 9/3/56

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.
**GROUNDWATER INDEX**

County: Flathead  
Twp: 3371  
Rge: 15W

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>H</td>
<td>[Handwritten]</td>
<td>Gw-2</td>
<td>15964</td>
<td></td>
</tr>
<tr>
<td>H</td>
<td>[Handwritten]</td>
<td>Gw-3</td>
<td>16311</td>
<td></td>
</tr>
</tbody>
</table>
### Notice of Completion of Groundwater Appropriation by Means of Well

#### Office of State Engineer

**STATE OF MONTANA**
**ADMINISTRATOR OF GROUNDWATER CODE**

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

*Under Chapter 37, Montana Session Laws, 1961*

**Owner:** E. E. McDonald **Address:** 705 Donald Street

**Driller:** J. J. Jansen **Address:** 1213 Main Street

**Date of Notice of Appropriation:** June 7-65

**Date Well Started:** 1965

**Date Completed:** 1968

**Top of Ground (Elev. above sea level) ——**

- Open hole
- 10 ft
- 16 ft
- 32 ft
- 48 ft
- 64 ft
- 80 ft
- 96 ft
- 112 ft
- 128 ft
- 144 ft
- 160 ft
- 176 ft

**Depth of Water Encountered ——**

- 18 ft
- 28 ft
- 38 ft
- 48 ft
- 58 ft

**Type of Well ——**

- Drilled

**Equipment Used ——**

- Churn

**Water Use ——**

- Domestic
- Municipal
- Other
- Irrigation

**Use and Weight of Coding ——**

- 7" 0.9 23 lbs per ft

**Perforations ——**

<table>
<thead>
<tr>
<th>O.D.</th>
<th>I.D.</th>
<th>Pressure</th>
<th>Flow Rate</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>0.9</td>
<td>9</td>
<td>56</td>
</tr>
</tbody>
</table>

#### Static Water Level for Non-Flowing Well

- 25 feet

#### Shut-in Pressure for Flowing Well

- 2,081 ft

#### Pumping Water Level

- 81 feet at 30 gal per minute

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

- 2,081 ft

#### How Tested

-水位

**Remarks ——**

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

---

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

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

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

---

Driller’s License Number: 1213

Driller’s Signature: J. J. Jansen

Date: 6/5
STATE OF MONTANA
COUNTY OF FLATHEAD

Filed on the
A.D. 19__ at __O'clock, __M

County Clerk and Recorder
By __________ (Signature)
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Date of Appropriation of Groundwater: Continuous since 1908

James H. Bose and
Owner, Ethel Joyce Bose
Address, Lake McDonald, Montana

Contractor (if any) None
Address of Contractor None
Date Started 1908 Date Completed 1908

Describe means of obtaining groundwater without a well "as by gravity flow from spring
carried downhill by pipe.
Spring is located in NW 1/4 of Sec. 14,
Township 33, Range 18.

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.

50 gallons per minute estimated used
during spring, summer and fall months.

Signature of Owner Ethel Joyce Bose
Date December 26, 1963

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

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

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

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