STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Joseph P. Cowan
   (Name of Appropriate)
   (Address)
   (Town)

   County of Deer Lodge
   State of Montana

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

   2. The beneficial use on which the claim is based. Domestic household use and irrigation.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been. June 1936. Daily.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute). 10,000 gallons per hour.

   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. 10 acres for gardening and maintenance of grounds. Joseph P. Cowan. Lower Fewa Company.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Two shallow wells one beneath house and one outside near east end of house. Pump.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. June 1935.

   8. The depth of water table. 4 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. Concrete salsbury type well. 8 feet deep, each.

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 The estimated amount of groundwater withdrawn each year. 10,000 gallons.

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

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

   Signature of Owner
   [Signature]
   Date. Dec. 30, 1943

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.
FILED FOR RECORD
December 30, 1963
at 52 minutes past 9 o'clock
A.M.

Anna Quigley
County Recorder

Carol McDaid
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(Name of Appropriator) (Address) (Town)
County of Deer Lodge State of Montana

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

2. The beneficial use on which the claim is based

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

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

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

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

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner

File No. 61

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

John V. Applegate, Box 31, Star KT., Anaconda

County of Deer Lodge, State of Montana

1. The beneficial use on which the claim is based: Domestic, Irrigation

2. Date or approximate date of earliest beneficial use; and how continues the use has been: July 24, 1960

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

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

5. The depth of water table: 38' Tested to 200 feet

6. The estimated amount of groundwater withdrawn each year: 300,000 gallons

7. The log of formations encountered in the drilling of each well if available: Granite, Sand, Clay

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

Signature of Owner: John V. Applegate

Date: June 27, 1964
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. SUNKEN TANK ON WARM SPRING CREEK, + pump to HOUSE

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. 300 G.P.O.A.D. FOR DOMESTIC USE, + SANITATION PURPOSE.

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

AW-14, Sec. 29, T.5 N., R.2 E.

Signature of Owner

Jan. 17, 1964

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 Approprietor.
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: Jan. 2, 1964
Owner: Frank Allen, Address: Galbe Road, Bel. 380
Contractor (if any): Frank Allen
Address of Contractor: 
Date Started: Date Completed:

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

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

Signature of Owner: Frank Allen, Date: Jan. 2, 1964

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
MONTANA WATER RESOURCES BOARD

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

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

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

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

---

### Owner

<table>
<thead>
<tr>
<th>Address</th>
<th>For Administrator's Use</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>File 95723</td>
</tr>
</tbody>
</table>

### Date well started

<table>
<thead>
<tr>
<th>completed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

### Type of well

(Open, driven, bored or drilled)

### Equipment used

(Charn drill, rotary or other)

### Water Use

- Domestic [ ]
- Municipal [ ]
- Stock [ ]
- Irrigation [ ]
- Industrial [ ]
- Drainage [ ]
- Other [ ]
- Garden/Lawn [ ]

*Describe [ ]

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

---

### ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Gallons</th>
<th></th>
</tr>
</thead>
</table>

---

### Top of Ground

<table>
<thead>
<tr>
<th>(Above deep level)</th>
</tr>
</thead>
</table>

---

### Static water level

17 ft.

### Pumping water level

17 ft.

<table>
<thead>
<tr>
<th>gallons per minute, measured minutes after pumping began.</th>
</tr>
</thead>
</table>

*Measured from ground level.*

Well developed by [ ] for [ ] hours.

### Power Pump

HP:

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

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

Driller's Signature [ ]

Driller's Address [ ]

LICENSE NO. 9

Show exact depth of bottom 52.520
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

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

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

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

Owner: 
Address: 

Date well started: 
Completed: 

Type of well: 

Equipment used: 

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

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

ESTIMATED ANNUAL WITHDRAWAL: 1,500,000 gallons

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

Top of Ground (From above sea level)

<table>
<thead>
<tr>
<th>Strata</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>Clays</td>
<td>10</td>
</tr>
<tr>
<td>Gravel</td>
<td>8</td>
</tr>
<tr>
<td>Sand</td>
<td>6</td>
</tr>
</tbody>
</table>

Driller's Signature: 
Driller's Address: 

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

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

Driller's Signature: 
Driller's Address: 

Show exact depth of bottom: 52.280
FILeD FOR RECORD

January 5, 1973
at 40 minutes past 1 o'clock

HELEN L. LOVELL
County Recorder

S. W. Kennedy
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Alfred B. Rodman
   (Name of Appropriator)
   of 
   (Address)
   (Town)

County 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

Irrigation

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

May, 1936

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

1936

8. The depth of water table

20 ft.

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

10. The estimated amount of groundwater withdrawn each year

150 miner's

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

Clay and gravel

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

more other available

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

Date of Appropriation of Groundwater:

Owner:

Contractor (if any):

Address of Contractor:

Date Started:

Date Completed:

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Include any additional measures taken to ensure the water is from a natural spring.

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

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

Signature of Owner:

Date:

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

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 Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Jan 3, 1964

Owner: George W. Anderson
Address: 108 Boy 1031

Contractor (if any): Same
Address of Contractor: Same

Date Started: Oct 31, 1964
Date Completed: Nov 15, 1967

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

[Grid with coordinates and notes]

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: [Notes]

Indicate point of appropriation and place of use, if possible: [Notes]

Signature of Owner: George W. Anderson
Date: Feb 3, 1964

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 Appraiser.
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: Jan 3, 1964
Owner: George W. Andrews
Address: PO Box 1824

Contractor (if any): Same
Address of Contractor: Same

Date Started: Oct 21, 1963
Date Completed: March 15, 1964

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

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

signature "no measure"

Signature of Owner: George W. Andrews
Date: Mar 15, 1964

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

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

Please answer all questions. If not applicable, no 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)

---

**Owner**: John W. Anderson  
**Address**: 1234 Main St., Helena, MT 59601

**Driller**: Jane D. Driller  
**Address**: 5678 Oak Ave., Helena, MT 59602

**Date of Notice of Appropriation of Groundwater**: Jan. 3, 1998

**Date well started**: June 1, 1998  
**Date completed**: Sept. 30, 1998

**Type of well**: Drive  
**Equipment Used**: Pick-shovel  
**(drill, driven, bored or drilled)**

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

---

**Static Water Level for non-flowing Well**: 8 ft.  
**Shut-in Pressure for flowing Well**: Not applicable

**Dumping Water Level**: 20 ft. at 15 gal. per minute.

**Discharge in gal. per min. of flowing well**: 10 gal.

**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 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.
FILED FOR RECORD
January 14, 1964
at 27 minutes past 11 o'clock
A.M.
Anna Murphy
County Clerk
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Dec 31, 1963
Owner: Leonard Anderson
Address: P.O. Box 910
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 certain springs located in NW 1/4 of Section 36, Township 5N
Range 12 W., and to be used
are same for stock and 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.

Signature of Owner: Leonard Anderson
Date: Dec 31, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA
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: Dec. 31, 1963
Owner: Leonard R. Anderson
Address: Box 912
Contractor (if any): 
Address of Contractor: 
Date Started: 
Date Completed: Feb 10, 1964

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

Location situated on SE 1/4 Sec 36, T 5 S R 12 W Montana Meridian, known as Stumpjoy Spring to be used for stock and irrigation only.

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.

Dr. C. A. F. Jones, Sec. 36, T 5 S R 12 W
Conveyed by ditch 1 ft wide on bottom 1 ft wide on top and 1 ft deep

Signature of Owner: Leonard R. Anderson
Date: Dec. 31, 1963

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

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

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

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

Date of Appropriation of Groundwater: Dec 31, 1963
Owner: Leonard C. Anderson
Adm.
Contractor (if any):
Address of Contractor:
Date Started: 3-6-1919
Date Completed: 3-6-1919

Describes means of obtaining groundwater without a well "as by sub-irrigation and other natural processes.

Three Cataract springs situated on the SE.
1/4 of Section 36, Township 5 N., Range 12 W.
Montana, Miners' known as the
Spring, guards to be used on NE 1/4 for
Stock and 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:

March until November

4 Cubic ft. per second conveyed
by ditch 3 ft. wide on Section 36, 1/4th mile on top 1/2 ft. deep

Signature of Owner: Leonard C. Anderson
Date: 12-31-63

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.
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

**Leonard C. Anderson**, of **922 Montana St.**

**County of: **

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

<table>
<thead>
<tr>
<th>N</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>02</td>
</tr>
</tbody>
</table>

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: **Well dug in 1932, and water in continuous use since then.**

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 acreage and description of the lands to which water has been applied and name of the owner thereof: **50 x 50', Raven**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: **Electrical pumps installed in December 1942**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **1942**

8. The depth of water table: **20 feet**

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: **36 ft. long 12 in. square, 12 in. pipe, pulled for 1200 ft. and 8 in. cement 4 ft. deep, casing on top**

10. The estimated amount of groundwater withdrawn each year: ____________________________

11. The log of formations encountered in the drilling of each well if available: **Gravel, Rock, and Sand**

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: **Leonard C. Anderson**

Date: **Dec. 8, 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.
FILED FOR RECORD

December 31, 1963

x 15 minutes past 12 o'clock
8 M. ANNA QUIGLEY

Carol McCarthy
Deputy
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: __/__/__

Owner: William J. Anderson  Address: Swampwood, West, Using

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. Surface Water or Springs Coming out of Hillside Below Natural

_________________________________________

_________________________________________

_________________________________________

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. Year Round Use

_________________________________________

_________________________________________

_________________________________________

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

N  E  S  W  T  S  R  W

Signature of Owner: William J. Anderson  Date: __/__/__

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
81340

FILED FOR RECORD

December 8 1963
at 3 37 minutes past 200 o'clock
A.M.

Anna Quigley

Clerk

Notary Public
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: William J. Anderson
Address: Sturgis, West Valley

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. Have undivided interest in the following:

Water Right: Includes 6 feet. Aerial elevation of the interior of Sturgis. Spans (For further descriptive) Refer to Water Right Holder of Richland County. Page 139 in
Book F of Water Rights of Richland County at Richland County Recorder's Office.

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: William J. Anderson
Date: Dec 31, 1963

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

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

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

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

Driller: [Name]
Address: [Address]

Date Started: [Date Started]
Date Completed: [Date Completed]

Location: [Location]

Type of well: [Type of well]
Equipment used: [Churn drill, rotary, other]

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

Industrial [ ]
Drainage [ ]
Other [ ]

Casing: Surface to 27 ft. Type: Stainless Steel Size: 2"

Casing: [ ]

Type: [ ]
Size: [ ]

Perforated or Screened: [ ]

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)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
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Notice of Completion of Groundwater Appropriation by Means of Well (Developed after January 1, 1962
(under Chapter 237, Montana Session Laws, 1961)

Date of Notice of Appropriation of groundwater __________

Date well started __________ Date completed __________

Type of well __________ Equipment used __________
(Dug, Driven, 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.

Static Water Level for non-flowing well ______ ft.

Shut-in Pressure for Flowing Well ________
Pumping Water Level _______ ft. at ________ gal. per minute.

Discharge in gal. per min. of flowing well _______ ft.

How Tested __________

Length of Test ________ ft.

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

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

(Continue on reverse side)

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 ________

Driller's Signature ________
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. John R. Lundal of Box 44, Boxwood, Deer Lodge, 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: House, Lawn & Garden

3. Date or approximate date of earliest beneficial use and how continuous the use has been: January 1, 1963 to Present

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Fifteen G.P.M.

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: Lawn & Garden, Here

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1948

8. The depth of water table: 25'

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: Single Well, 18" Dia, 25' Deep

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

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

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

Signature of Owner: John R. Lundal
Date: 1/3/64

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

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

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

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

1. Jack Ravndal, of PO Box 465 Anaconda
   County of Deer Lodge, State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based
   Household, lawn & garden

3. Date or approximate date of earliest beneficial use, and how continuous the use has been from 1948 to present
   Continuous

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

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
   Lawn & garden, Jack Ravndal

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   1948

8. The depth of water table
   25'

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
   Draw well 12' dia. 25' deep

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

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

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

Signature of Owner: Jack Ravndal
Date: 1/31/64

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.
FILED FOR RECORD

Dec. 31, 1963

[Signature]

[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: ____________
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.

Sub Irrigation & Other Natural Processes:
Springs & Surface Water

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.

Summer Months:
Use limited by amount of flow.
No estimate of amount used.

Signature of Owner: ______________ Date: ______________

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriate.
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## WATER WELL LOG

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Location: Sec. 3, T. 5 N., R. 11 W., 1/4 sec.

### Type of well
- Drilled

### Equipment used
- Churn Arill

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

### Casing
- Type of well driven, bored, or drilled
- Churn drill, rotary, other

### Casing:
- ft. to 35 ft.
- Type: 24-lb. casing
- Size: 6"

### Perforated or Screened:
- Ft. to ft.
- Type: Screen or perforations

### Static Water level, for non-flowing well:
- 19 ft.

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

### Pumping water level:
- 36 feet at 10 gal. per min.

### How tested:
- [ ] Drilled

### Length of test:
- [ ] 15 min.

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

---

(over)
# WATER WELL LOG

**Owner:** John Lounge  
**Address:** Lost Creek

**Driller:** C.Y. Trabue  
**Address:** PO Box 120

**Date Started:** August 5, 1930  
**Date Completed:** Aug. 10, 1930

**Location:** Sec. 3  
T. 5  
R. 11  
Sec...

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Dug</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Churn Grill</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>(Aug, driven, bored, or drilled)</td>
<td>(Churn drill, rotary, other)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water use:</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to</th>
<th>ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
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<tbody>
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<thead>
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<th>Casing:</th>
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<th>ft.</th>
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<th>Size</th>
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<tbody>
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</tbody>
</table>

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

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

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

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

<table>
<thead>
<tr>
<th>Pumping water level:</th>
<th>$\ell$ feet at</th>
<th>1.0 gal. per min</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
<th>Failed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length of test:</th>
<th>One hour</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
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</tbody>
</table>

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>0 feet bbls.</td>
</tr>
<tr>
<td>3' - 3' 1/2</td>
<td>Sand gravel and large boulders; some clay mix.</td>
</tr>
<tr>
<td>3' 1/2 - 6'</td>
<td>Red rock; granite fragment; water zone.</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)

Cleve Bronnack of 126 Lone Anaconda
(Name of Approprietor) (Address) (Town)

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

1. Name of Approprietor
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 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 Geography; and Quadruplicate for the Approprietor.
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: W.G. Postlethwait
Address: Anaconda, Mont.
Contractor (if any): None
Address of Contractor: 

Date Started: 1953 Date Completed: 1953

Describe means of obtaining groundwater "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural Spring (Cleared and boxed in), piped to residence. (Approximate depth)

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:

Measured
by container & stopwatch: 240 gal. per hour
Residence: Lawn, Stock, Garden: 5 gal. per day

Signature of Owner: W.G. Postlethwait
Date: Dec. 31, 1963

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

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

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

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

18906
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 257, Montana Session Laws, 1981)

1. ELIZA ANDRETTI
   (Name of Appropriator)
   of 629 West Third Street
   Anaconda
   (Address)
   (Town)
   County of Dear Lodge
   State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based
   Household, Stock supply and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   The well, being completed in 1966, has been in substantially constant use to date.

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   A 50-Gallon per hour pump (piston/jet), with one-inch suction pipe draws water from the dug well located near the residence at the above approximate location.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Completed in the year 1966, other information not available.

8. The depth of water table
   Approximately 25 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   This is a hand-dug well of approximately 24 inch square dimensions and extends over 30 feet into the ground.

10. The estimated amount of groundwater withdrawn each year
    25,000 gallons per year (guess)

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

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

Signature of Owner: Eliza Andretti
Date 1/21/63

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Location: Sec.</th>
<th>T.</th>
<th>R.</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>6</td>
<td>5</td>
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</tbody>
</table>

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

Owner: [Name]
Address: [Address]

Driller: [Name]
Address: [Address]

Type of well: [Type]
Equipment used: [Type]

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

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

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

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

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

Pumping water level: [ ] gal. per min.

How tested: [ ]

Length of test: [ ]

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

(over)
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Steve A. Ness"vedt
Address: 1308 University Pl.

Driller: C. E. Ward
Address: 1308 University Pl.

Date Buried: Dec. 30, 1987

Date Completed: Jan. 1, 1988

Location: Sec. 15, T. 5 R. 14 W., 1/4 sec.

Type of well: Drilled

Equipment used: Churn drill

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

Industrial [ ] Drainage [ ] Other:

Casing: Surface ft. to 25 ft. Type: Canvas

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:

Shut-in pressure, for flowing well:

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

How tested: Back

Length of test:

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

(over)