<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>GREENLEAF CAMP - LIVESTOCK</td>
<td>6W-4</td>
<td>11143</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>PRAIRIE MOUNTAIN - HOWARD</td>
<td></td>
<td>173817</td>
<td></td>
</tr>
</tbody>
</table>
**DECLARATION OF VESTED GROUNDWATER RIGHTS**

(Under Chapter 237, Montana Session Laws, 1961)

**State of Montana**

**County: Ross Rud**

**TOWN: Forsyth**

(Name of Appropriator) (Address)

Declaration of Vested Groundwater Rights

I, [Name of Appropriator], of the County of [Name of County], State of [State of Montana], renounce the right of appropriation to groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. The beneficial use on which the claim is based: **Stockwater**

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: **December 1956 - 100,000 gal. throughout the year.**

3. The amounts of groundwater claimed (in miner's inches or gallons per minute): **8 gal. per minute.**

4. If used for irrigation, the acreage to which water has been applied: **Not Applicable.**

5. The means of withdrawing such water from the ground: **Windmill.**

7. The date of commencement and completion of the construction of the well: **December 1956.**

8. The depth of water table: **270 ft.**

9. The type, size and depth of each well: **Well, 4" casing - 180 ft. 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 The estimated amount of groundwater withdrawn each year: **100,000 gal.**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: **Surface - 22 ft. Sandstone - 74 - 102. Grey shale - 103 - 178 Sandstone - 178 - 180; Grey shale and Coal.**

12. Such other information of a similar nature as may be useful in carrying out the policy of this act: **Not Applicable.**

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.
Form No. 18
8-60

T. 2 South R. 43 East
County: Rosebud

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Harold Sprague</td>
<td>Forsyth, Mont</td>
<td>Earnest Sprague</td>
<td>Decaxed</td>
</tr>
</tbody>
</table>

Date Started: 1903  Date Completed: 1903
Location: Sec. 6 T. 2 south R. 43 east 1/4 sec. North West

Type of well: Hand dug
Equipment used:
(Dug, driven, bored, or drilled)
(Drum, drill, rotary, other)

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

Add depth: 0 ft. to 28 ft. ft. Type Size
Casing: ______________ ft. to ______________ ft. Type Size
Casing: ______________ ft. to ______________ ft. Type Size

Perforated or Screened: Ft. ______ to Ft. ______, Ft. ______ to Ft. ______
Type of screen or perforations:

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

How tested:

Length of test:

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

(over)
## Groundwater Index

**County:** Roseau  
**Twp.:** 2  
**Rge.:** 44  
**Sec.:** 1

<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>3</td>
<td>Morley Ranch</td>
<td>GW-3</td>
<td>179738</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Morley Ranch</td>
<td>GW-3</td>
<td>179742</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Morley Ranch</td>
<td>GW-3</td>
<td>179749</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Welch Claude E</td>
<td>GW-1</td>
<td>180243</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Welch Claude E</td>
<td>GW-1</td>
<td>180244</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Lewisland &amp; Livestock</td>
<td>GW-3</td>
<td>179460</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Lewisland &amp; Livestock</td>
<td>GW-3</td>
<td>179463</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Cole Bar Ranch</td>
<td>GW-3</td>
<td>180241</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Welch Edith E</td>
<td>GW-3</td>
<td>180242</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Lewisland &amp; Livestock</td>
<td>GW-5</td>
<td>179455</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Owen, J. T.</td>
<td>GW-2</td>
<td>814</td>
<td></td>
</tr>
</tbody>
</table>
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **Melley Ranch** of **Ashefield**
   - County of: **Ravalli**
   - 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: **Livestock use**

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): **eight (8) 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: **not applicable**

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

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

   8. The depth of water table: **above ground level**

   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: **Type - Artisan**

<table>
<thead>
<tr>
<th>Size</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 inch</td>
<td>300 feet</td>
</tr>
</tbody>
</table>

   10. The estimated amount of groundwater withdrawn each year: **4,200,000**

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

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

   **Signature of Owner**: __________
   **Date**: __________

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATION 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: Mohley Ranch Address: Ashland
Driller: Bandy Address: Brookside

Date of Notice of Appropriation of Groundwater
Date well started: 12/3/63 Date Completed: 12/3/63

Type of well: drilled Equipment Used: rotary
(Churn, drill, rotary, or other)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Sides and Weight of Casing (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 in 4 in 0</td>
<td>33</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>3/8&quot;</td>
<td>31&quot;</td>
<td>33&quot;</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: unknown...feet.
Shut-in Pressure for Flowing Well: not applicable...
Pumping Water Level: 8 feet at 150 gal. per minute.
Discharge in gal, per min. of flowing well: not applicable...
How Tested: blank...
Length of Test: 45 min.

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)...none...

Driller's License Number

Driller's Signature

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

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

Original to the County Clerk and Recorder, duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA, COUNTY OF ROSEBUD, SS. FILFD DEC. 27th, 1963, AT LSNM, CO.CLERK

Howard Int.

Jlg: Russ Clark
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. Trebble Ranch, of., Ashland

County of. Richland State of. Montana

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

2. The beneficial use on which the claim is based

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

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

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

6. The means of withdrawing such water from the ground and the location of each well or 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. John Doe
Date. 1/1/63

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA, COUNTY OF ROSEBUD SS. FILED DEC. 21ST, 1963, AT ROSEBUD, CO. CLERK

[Signature]

[Seal]

F. F. [Signature], Clerk
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: Mobley Ranch  
Address: Ashland  
Driller: Sandy  
Address: Broadus  
Date of Notice of Appropriation of Groundwater:  
Date well started: 1/21/62  
Date Completed: 1/21/62  
Type of well: dug, driven, bored, or drilled  
Equipment Used: (Choose, drill, rotary, other)  
Water Use: Domestic □  
Municipal □  
Other □  
Irrigation □  
Industrial □  
Drainage □  
Stock □  

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 in</td>
<td>4 in</td>
<td>0</td>
<td>33</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: unknown feet.  
Shut-in Pressure for Flowing Well: not applicable  
Pumping Water Level: 11 feet at 120 gal. per minute.  
Discharge in gal. per min. of flowing well: not applicable  
How Tested: blow down  
Length of Test: 30 min. approx.  
Remarks: (Gravel packing, cementing, packers, type of shut-off, 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). None  

Driller's License Number  
Driller's Signature  

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

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

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

1/508
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

[Signature of Owner] of [Address]
County of [County] State of [State]

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

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

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

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner
Date

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

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

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

June 21st, 1946

This is to certify that

This certificate is executed in accordance with the laws of Montana, and is signed by the County Clerk of Rosebud County.

Sincerely,

[Signature]

County Clerk of Rosebud County
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Town</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mobley Ranch</td>
<td>Ashland</td>
<td></td>
</tr>
</tbody>
</table>

County of Rosebud  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  INDUSTRIAL

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1930 - 1935

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7000 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  Not Applicable

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1930 - 1935

8. The depth of water table 18 feet above ground level

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 Type - Artisan, Depth 80 feet casing depth 74 feet

10. The estimated amount of groundwater withdrawn each year 368,000 gallons

11. The log of formations encountered in the drilling of each well if available Log 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 All buildings on the ranch are dependent upon this well including four houses. It also is used for feed lot

Signature of Owner
Date 12/24/63

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA, COUNTY OF ROSEBUD SS. FILED DEC. 27TH, 1963, AT 9:45 A.M., CO. CLERK

Honore Tate

By: Elier Clarke, Dep.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Claude E. Welch, of Missoula, has 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>S</td>
<td>X</td>
</tr>
<tr>
<td>T</td>
<td>R</td>
</tr>
</tbody>
</table>

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

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

   WATER AT RANCH HOUSE

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

   PRIOR TO 1962 OR THERE ABOUT HAS BEEN CONTINUOUS

4. The amount of groundwater claimed (in miner's inches or gallons per minute) for use at ranch house:

   FOR USE AT RANCH HOUSE

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

   NOT USED FOR IRRIGATION

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

   ELECTRIC PUMP IN TANK HOUSE

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

   THIS IS NOT APPLICABLE

8. The depth of water table:

   25 FEET

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

   5 INCH DIA. BORED WELL 110 FEET DEEP

10. The estimated amount of groundwater withdrawn each year:

   UNKNOWN FOR RANCH ONLY

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

   UNKNOW

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:

   U.S. GEOLICAL SURVEY

   GEOLOGY AND WATER RESOURCES SOUTHERN AND CENTRAL ROSEBUD COUNTY MONTANA

Signature of Owner: Claude E. Welch
Date: Dec. 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.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Claude E. Welsh, of Fourth Township
   County of Cascade, 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: FOR STOCK WATER AT CERIALS

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been PRIOR TO 1,1926 THEREAFTER HAS BEEN CONTINUOUS

   4. The amount of groundwater claimed (in miner's inches or gallons per minute) ON KNOW TO BE ABOUT CATTLE

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
      NOT USED FOR IRRIGATION

   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: THIS IS NOT KNOWN

   8. The depth of water table: 24 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: DIAMETER ABOUT 4 FEET

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

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

   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: U.S. GEOLOGICAL SURVEY WATER SUPPLY PAPER 444, GROUND-WATER SOURCES OF CENTRAL AND SOUTHERN MONTANA.

   Signature of Owner: Claude E. Welsh
   Date: Dec. 27, 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 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater
Owner of Land: [Redacted]
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. This is a spring, and
has been used by this corporation
since about 1930. It is
and piped into a tank. This
was done about 12 years ago.
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
runs about 1/2 gal. per minute

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

Signature of Owner: [Redacted]
Date: December 9, 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, 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.
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: 1930
Owner: Growley Feed & Livestock Corp., Forsyth
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. This is a Spring. Used by this corporation since about 1930. It is bored and piped to a tank - this was completed in 1962 by Owners -

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:

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.

Signature of Owner: Growley Feed & Livestock Corp.
Date: 9 December 1968
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
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
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.

It flowing spring piped to a tank.

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 flow is continuous depict
1 gallon in 8 minutes.

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

Signature of Owner

Date

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

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

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

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

Sworn on the 5th day of
6th Month, 18--- o'clock A.M.

Widower, ---

County Clerk of ---

By: ________________________

180241
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: 1947
Owner: Claude B. Webster
Address: P.O. Box 386
Contractor: None
Address of Contractor:
Date Started: 1947 Date Completed: 1947

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

Regrouping spring or well
Stock 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.

Continuously first sufficient for stock grazing, then

Signature of Owner: Claude B. Webster
Date: Dec 30, 1967

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.

File No.]
DUPLICATE

3.W4 Sec 23 T2S R14E
Indicate point of appropriation and place of use, if possible.

27548
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

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. This spring has been used on this ranch since the homestead law went into effect. Water is piped into a tank since sometime in the 1930's.

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 1,000,000 gal. per annum

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

NE 1/4 NW 1/2 Sec 25 T 25 S R 44 E

Signature of Owner

Date ____________________________

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 Appropmtor.
STATE OF MONTANA, SS.
COUNTY OF ROSEBUD.

Filed on the 12th day of December
1947 at 2:15:00 o'clock P.M.

[Signature]

By: [Signature]

6. 2. 00
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: JAY OWEN
Address: ASHLAND
Date well started: 2 - Sept. 53
completed: 4 - Sept. 53
Type of well: DRILLED
Equipment used: ROTARY
Water Use: Domestic [X] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Site of Extraction</th>
<th>Size and Depth of Cutting</th>
<th>Top (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>40ft</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 11 ft.
Pumping water level: 17 ft.
at 18.5 gallons per minute, measured 3 minutes after pumping began.

*Measured from ground level.
Well developed by for 30 hours.
Power: Pump: 5 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature: Carl Dean
Driller's Address: Basalus Montana
LICENSE NO: 20-41-0-4-1-W-16 Sec. 37
Show exact depth of bottom: 59 feet.
<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>Santos, Mr.</td>
<td>Well</td>
<td>10397</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Perez, John</td>
<td>OW-3</td>
<td>192102</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Peter, January</td>
<td>OW-2</td>
<td>199611</td>
<td></td>
</tr>
</tbody>
</table>
## WATER WELL LOG

**Owner:**

**Address:**

**Driller:**

**Address:**

**Date Started:**

**Date Completed:**

**Location:** Sec. __ T. __ R. __ N. __ sec. __ E.

### Type of well

- Domestic [ ]
- Municipal [ ]
- Stock [ ]
- Large stock [ ]
- Irrigation [ ]
- Industrial [ ]
- Drainage [ ]

### Equipment used

- Churn drill
- Rotary
- Other

### Water use

- Domestic [ ]
- Municipal [ ]
- Stock [ ]
- Large stock [ ]
- Irrigation [ ]
- Industrial [ ]
- Drainage [ ]

### Casing:

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

### Perforated or Screened:

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

### Remarks:

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

<table>
<thead>
<tr>
<th>Date</th>
<th>Test</th>
<th>Owner</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
<th>Date Started</th>
<th>Date Completed</th>
<th>Location</th>
<th>Type of well</th>
<th>Equipment used</th>
<th>Water use</th>
<th>Casing</th>
<th>Perforated or Screened</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
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<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

[over]
# WATER WELL LOG

**Owner:** Mr. Landor  
**Address:**  
**Driller:** C. M. Turner  
**Address:**  
**Date Started:** Sept. 3, 1954  
**Date Completed:** Sept. 12, 1954

**Location:** Sec. 1 T. 8 R. 1/2 W. 1/4 sec. E

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Dug</strong></td>
<td><strong>Cable Tool</strong></td>
</tr>
</tbody>
</table>

**Water use:** 
- Domestic
- Stock
- Irrigation
- Industrial
- Drainage
- Other

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 ft. to 278 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ft. to</td>
<td>ft.</td>
<td>Type to Size</td>
</tr>
<tr>
<td>ft. to</td>
<td>ft.</td>
<td>Type to Size</td>
</tr>
</tbody>
</table>

**Perforated or Screened:** 3.70 ft. to 2.70 ft.  
**Type of screen or perforations:** Vertical slotted

**Static Water level, for non-flowing well:** 10.0 feet

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

**Pumping water level:** 2.610 feet at 2 gal. per min.

**How tested:** Back

**Length of test:** 2.9 hr.

**Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 4</td>
<td>Black Soil</td>
</tr>
<tr>
<td>4 - 21</td>
<td>Red Clay</td>
</tr>
<tr>
<td>21 - 28</td>
<td>Dark Brown Clay</td>
</tr>
<tr>
<td>28 - 53</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>53 - 57</td>
<td>Hard Rock</td>
</tr>
<tr>
<td>57 - 68</td>
<td>Brown Shale &amp; Coal</td>
</tr>
<tr>
<td>65 - 86</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>86 - 91</td>
<td>Hard Rock</td>
</tr>
<tr>
<td>91 - 108</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>108 - 115</td>
<td>Sandstone</td>
</tr>
<tr>
<td>115 - 160</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>160 - 187</td>
<td>Brown Shale &amp; Coal</td>
</tr>
<tr>
<td>187 - 200</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>200 - 212</td>
<td>Sandstone (Some Water)</td>
</tr>
<tr>
<td>212 - 227</td>
<td>Brown Shale &amp; Coal</td>
</tr>
<tr>
<td>227 - 235</td>
<td>Black Shale</td>
</tr>
<tr>
<td>235 - 243</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>243 - 250</td>
<td>Coal</td>
</tr>
<tr>
<td>250 - 255</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>255 - 278</td>
<td>Sandstone (Water)</td>
</tr>
<tr>
<td>278 - 288</td>
<td>Sandstone &amp; Shale</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: May 20, 1958
Owner: John Peters
Address: Birney, Montana
Contractor (if any): Walt Hicks
Address of Contractor: Forsyth, Montana
Date Started by Contractor: May 15-1958
Date Completed: May 20-1958

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

- #1—60' of 4" perforated collector pipe 6' deep to water pipeline,
  laid to grade 200'.
- #2—dug out 8 ft. deep—no pipe installed.

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.

- #1—20 gal. per min. flow—used year long
- #2—22 gal. per min. flow—used year long

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

Signature of Owner: John Peters
Date: 12-30-63

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.
STATE OF MONTANA, COUNTY
ROSEBUD SS: FILED DEC.
31, 1963, AT F.M., CO. CLERK

[Signature]
[Seal]
Official Seal
[Seal Number and Date]
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: 
Address: 
Driller: 
Address: 
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.

<table>
<thead>
<tr>
<th>Rise of Drilled Hole</th>
<th>Rise and Weight of Casing</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

Shut-in Pressure for flowing well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested

Length of Test

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

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

USABLE FOR irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

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

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

**County:** Rosebud  
**Twp:** 3  
**Rge:** 44 East

<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</td>
<td>St. George Indian Mission</td>
<td>6W-2</td>
<td>19277</td>
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<td>19377</td>
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<tr>
<td>10</td>
<td>Fletcher, Vern</td>
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<td>20</td>
<td>&quot;</td>
<td>6W-2</td>
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<tr>
<td>21</td>
<td>&quot;</td>
<td>6W-2</td>
<td>183245</td>
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<td>23</td>
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<td>6W-2</td>
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<td>36</td>
<td>&quot;</td>
<td>6W-2</td>
<td>179835</td>
<td></td>
</tr>
</tbody>
</table>
## Notice of Completion of Groundwater Appropriation by Means of Well

### STATE OF MONTANA

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

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

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

---

**Owner:** St. Labre Indian Mission

**Address:** Ashland, Montana

**Driller:** Briggs ONLY CONTRACTORS

**Address:** Dillon, Montana

---

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

**Date well started:** 7-7-69

**Date completed:** 7-12-69

**Type of well:** Drilled

**Equipment used:** Cable tool

**Water use:** Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drinking □ Other □

---

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cable</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot;</td>
<td>12 3/4</td>
<td>43.77</td>
<td>74</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Kind</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>43.77</td>
<td>74</td>
</tr>
</tbody>
</table>

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

**Shut-in Pressure for flowing well**

**Pumping Water Level**

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

**How Tested:** Pump

**Length of Test:** 2 hours

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

---

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.
Notice of Completion of Groundwater Appropriation by Means of Well Developed After January 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: 
Address: 

Driller: 
Address: 

Date of Notice of appropriation of groundwater: 
Date well started: 
Date completed: 

Type of well: 
Equipment used: 

Water use: Domestic □ Municipal □ Stock □ Irrigation □ Other □ 

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

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

How Tested: 
Length of Test: 
Remarks: (Gravel packing, cementing, packers, type of cutoff) 

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). 

County Clerk and Recorder in the county in which the well is located, to receive 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 

- D E C E A R -
STATE OF MONTANA.
COUNTY OF ROSEBUD.

Filed on the 7th day of __________.
19____ at ______ o'clock A.M.

Howard Jones
County Clerk of Court.

[Signature]
Recently a copy of a groundwater appropriation form,

- GW 1, Notice of Appropriation of Groundwater
- X. GW 2, Notice of Completion of Groundwater Appropriation by means of Well
- GW 3, Notice of Completion of Groundwater Appropriation without Well
- GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner: St. Labre Indian Mission
Address: Ashland, Montana 59003
Location: T. 3S., R. 44E., Sec. 3
Document No.: 193779

The form is complete as filed. This is to inform you that your GW form has been received and no further action is necessary on your part.

The form is incomplete. Please complete the enclosed copy by providing information where indicated, or as noted here, and return the corrected copy to the Montana Water Resources Board in Helena.

Please indicate use of water (i.e., stock, domestic, irrigation, etc.)
Also provide information concerning commencement and completion of well.

The appropriator of groundwater by means of a natural flowing water well should be aware that waste of groundwater is prohibited and that "all flowing wells are to be capped or equipped with valves that the flow of water can be stopped when the water is not being put to beneficial use." (Section 89-2926, under Chapter 237, Montana Session Laws, 1961.)

Well will be placed on domestic standby for emergency use only — approx. March 1970
County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.

If additional data are desired, please advise.
St. Labre Indian School
by Mary L. Morris, P.E.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: 
Address:

Driller: 
Address:

Date of Notice of appropriation of groundwater:
Date well started:
Date completed:

Type of well:
Equipment used:

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

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

<table>
<thead>
<tr>
<th>Date of Notice of appropriation of groundwater</th>
<th>Date well started</th>
<th>Date completed</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
<th>Water use</th>
</tr>
</thead>
<tbody>
<tr>
<td>☐ Domestic</td>
<td>☐ Municipal</td>
<td>☐ Stock</td>
</tr>
<tr>
<td>☐ Irrigation</td>
<td>☐ Industrial</td>
<td>☐ Drainage</td>
</tr>
<tr>
<td>☐ Other</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested

Length of Test

Remarks:

(Gravel packing, cementing, packing, type of shaft)

Completely 0 - 430

(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).

Driller's License Number

Driller's Signature
### Notice of Completion of Groundwater Appropriation by Means of Well

**State of Montana**  
**Administrator of Groundwater Code**  
**Office of State Engineer**

**DEVELOPED AFTER JANUARY 1, 1962**  
(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** St. Louis Indian Mission  
**Address:** Ashland, Montana

**Driller:** Geo. F. Askin  
**Address:** Miles City

**Date of Notice of appropriation of groundwater:** August 1959  
**Date well started:** August 1959  
**Date completed:** Aug. 1959

**Type of well:** Drilled  
**Equipment used:** Unknown  
**(Dug, Driven, bored or drilled) (Chisel drill, rotary or other)**

**Water use:**  
- Domestic [x]  
- 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, 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.

#### Log

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Strata and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>2&quot; x 26'</td>
<td>Exh. Steel Pipe</td>
<td>0</td>
<td>58</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well  
Shut-in Pressure for Flowing Well  
Pumping Water Level 2.6 feet at 400 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: Air lift  
Length of Test: Unstated

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

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

### Diagram

![Diagram of well log and static water level]

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:** Unknown  
**Driller's Signature:** Deceased

![Signature: L. 8.51]
Notice of Completion of Groundwater Appropriation by Means of Well

Owner: Vern Fischer
Address: Broadus, Mont.
Driller: Earl Drake
Address: Broadus, Mont.

Date of Notice of Appropriation of Groundwater: May 11, 1962
Date well started: May 11, 1962
Date Completed: May 11, 1962
Type of well: Drilled
Equipment Used: Rotary

Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [X] 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.

| Size of Drilled | Size and Weight of | From | To | PERFORATIONS |
| Date | Cutting (Feet) | (Feet) | (Feet) | Kind | From | To |
| 6' | 9' | 0 | 22 | 1/4 x 3' | 15' | 22' |

Static Water Level for non-flowing Well: 14 feet.
Shut-in Pressure for flowing Well: ____________
Pumping Water Level: 18 feet at 12 gal. per minute.
Discharge in gal, per min. of flowing well: ____________
How Tested: Pumping
Length of Test: 2 hours
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) 1/4 acre

Driller's License Number: ____________
Driller's Signature: Earl Drake

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
Description of land on which well was drilled:

Beginning at a point on the southerly boundary of Highway No. 8 which is 800' west of
the east boundary of Section 10, T. 3S., R. 11E.;

Thence south a distance of 207';

Thence N. 86° E., a distance of 208';

Thence north a distance of 210.2' to the southerly boundary of Highway No. 8;

Thence S. 86° W., a distance of 208' following said southerly boundary of
Highway No. 8 a distance of 208' to a point of beginning, containing 1 acre, all
in Lot 1, Section 10, T. 3S., R. 11E., Rosebud County.
# Declaration of Vested Groundwater Rights

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

### STATE OF MONTANA

<table>
<thead>
<tr>
<th>STATE ENGINEER</th>
</tr>
</thead>
<tbody>
<tr>
<td>T. 38 R. 15E</td>
</tr>
<tr>
<td>County: Rosebud</td>
</tr>
</tbody>
</table>

### Declaration of Vested Groundwater Rights

**1. Vernon M. Fletcher**

- **Address:** Ashland
- **Town:**
- **County of:** Rosebud
- **State of:** Montana

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

<table>
<thead>
<tr>
<th>Quarter</th>
<th>Section</th>
<th>Township</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1957 has been used continuously ever since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 7 gal./min.

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

   - Very small amount on land as it is used mostly for household use.

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

   - Artesian Well (Electric Pump)
   - One acre in Lot 1 of T, 23, R, 13B.

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

8. The depth of water table: Artesian (Flowing well)

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

   - Drilled well, casing at 230 feet.

10. The estimated amount of groundwater withdrawn each year: AVERAGE FOR DOMESTIC USE

11. The log of formations encountered in the drilling of each well if available: Well log on back

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

---

Signature of Owner:

Date: 1-17-63

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropirator.
Description of land in which well was drilled:
Beginning at a point on the southerly boundary of Highway No. 8 which is 800' west of the east boundary of Section 10, T.3S., R.11W.;
Thence south a distance of 207';
Thence N. 86°15' E., a distance of 208';
Thence north a distance of 210.21' to the southerly boundary of Highway No. 8;
Thence S. 86°15' W., a distance of 208';
Following said southerly boundary of Highway No. 8 a distance of 208' to the point of beginning, containing 1 acre,
all in Lot 1, Section 10, T.3S., R.11W., Rosebud County.

Wall Log

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0'-11'</td>
<td>Surface soil</td>
</tr>
<tr>
<td>11'-26'</td>
<td>Gravel</td>
</tr>
<tr>
<td>26'-53'</td>
<td>Blue shale</td>
</tr>
<tr>
<td>53'-103'</td>
<td>Water sand</td>
</tr>
<tr>
<td>103'-165'</td>
<td>Coal</td>
</tr>
<tr>
<td>117'-165'</td>
<td>Blue shale</td>
</tr>
<tr>
<td>165'-172'</td>
<td>Water sand</td>
</tr>
<tr>
<td>172'-193'</td>
<td>Gray shale</td>
</tr>
<tr>
<td>193'-232'</td>
<td>Water sand</td>
</tr>
<tr>
<td>232'-240'</td>
<td>Blue shale</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1981)

Owner: W. J. Judge
Address: Ashland, Montana

Driller: Henry Quinn
Address: Helena, Montana

Date of Notice of Appropriation of Groundwater:

Date well started: 8-12-63
Date completed: 8-22-63

Type of well: Drilled
Equipment Used: (Churn, driven, bored or drilled)

Water Use: Domestic

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

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | FORCING
|----------------------|---------------------------|-------------|-----------|------------
| 5½"                  | 4" ID                     | 2'          | 42'       | 1/4" glass

Static Water Level for non-flowing well: 13 feet.
Shut-in pressure for flowing well: Estimated.
Pumping water level: 13 feet at 300 gal. per minute.
Discharge in gal. per min. of flowing well: 40 gpm.

Flow Tested: 40 gpm
Length of Test: 1.5 hr.

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).

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology; quadruplicate for the Appropriator.
STATE OF MONTANA,
COUNTY OF ROSEBUD
Filed on the 21st day of April, 1965, at 8 o'clock A. M.

Edward J. Pagel
County Clerk & Recorder

Bettie J. Pagel
Deputy
This is a certified copy of land description made by F.F. Palmer, Registered Civil Engineer, for William Filge on land purchased or obtained from Grace Green, a widow and Kirk Green, Ashland Montana.

A tract of land described as follows: Beginning at a point on the Southwesterly boundary of the county road which is S10°E 668' and N55°27'W a distance of 41.3' from the NE corner of Section 10, T38S, R44E; thence N55°27'W a distance of 313.7'; thence S34°33'W a distance of 208.7'; thence S55°27'E a distance of 230.230' to the North boundary of the 'Currans' tract; thence easterly on a 2 curve on a line which is distant 208.7' from the North boundary of U.S. Highway # 8, a distance of 90'; thence N34°33'E a distance of 169' to the point of beginning, containing 1.5 acres all in lot 1 (NE1/4SE1/4) Section 10, T38S, R44E, Rosebud County Montana

Delineated June 21, 1963
Scale 1' - 100

F.F. Palmer
County Surveyor

Francis Mertray, Notary Public

My Commission expires 1-21-66.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

T 43 S  R  bb E
County: RESERVE

STATE ENGINEER

JAN 10 1964

Raymond P. Lewis Jr.,
of Box 172
Ashland
(Name of Appropriator)
(Address)
County of
TOWN
(State of)

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

2. The beneficial use on which the claim is based
   Residential
   Garden irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   Oct. 7, 1957
   Continuous
   June 1962
   Summer only

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

5. If used for irrigation, give the source and description of the lands to which water has been applied and name of the owner
   Natural flow and pump
   Raymond P. Lewis

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
   Nov. 14, 1957
   June 1962

8. The depth of water table
   Natural flow, 6 to 10 feet above ground level
   Thirteen feet below ground surface

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
   Artificial, 250 ft.
   2 inch gal. casing
   Surface water, 4 inch casing

10. The estimated amount of groundwater withdrawn each year
    Approx. 500,000 gal. per year

11. The log of formations encountered in the drilling of each well if available
    Articlan, 250 ft., with Sandy 11-20 gravel 20-12 fine silty 12-35 Rock
    12-30 Sandstone and clay, 30-160 Shale 160-170 coal, 170-205 Shale, 205-206
    Rock, 206-205, blue sand and shale
    Surface well 0-20 ft. sand and shale

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

Signature of Owner:
Raymond P. Lewis
Date: Dec 31, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplcata to the School of Mines and Quadruplicate for the Appropriator.