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

ALICE V. COMPTON, of
(Name of Appropriator) (Address) (Town)
County of Park, State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

1. The beneficial use on which the claim is based.
   Domestic and stockwater

2. Date or approximate date of earliest beneficial use; and how continuous the use has been...approximately 1900

3. The amount of groundwater claimed (in miner's inches or gallons per minute) 25"/min.

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

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...a 2" pipe inserted directly into spring, conveying water from spring to the house and overflow going for stockwater.

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...approximately 1900.

7. The depth of water table...Unknown

8. 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...a 2" pipe inserted directly into spring, conveying water from spring to the house and overflow going for stockwater.

9. The estimated amount of groundwater withdrawn each year 25"/min.

10. The log of formations encountered in the drilling of each well if available...N/A

11. 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...N/A

Signature of Owner Alice V. Compton
Date 1/3/63

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.
Acted upon 31st day of
Dec. 1863
10:39 a.m. & M.
Draper, Mason
Cudby Clerk and Recorder.

Fee 20¢
<table>
<thead>
<tr>
<th><strong>Location:</strong> Sec. 16 E 1/2 Sec. 24 W 5th P.M.</th>
<th><strong>Date Started:</strong> 7/20</th>
<th><strong>Date Completed:</strong> 7/20</th>
</tr>
</thead>
</table>

**Type of well:** Alluvium  
**Equipment used:** (Churn drill, rotary, other)  
**Water use:** Domestic  
**Industrial:**  
**Draining:**  
**Other:**  

**Casing:**  
- Top: 8 ft. Type C Size 16”  
- Bottom: 12 ft. Type C Size 16”  

**Perforated or Screened:**  
- Top: 8 ft.  
- Bottom: 12 ft.  

**Type of screen or perforations:**  

**Static Water level, for non-flowing well:** 2 feet.  
**Shut-in pressure for flowing well:** 2 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)  

**Log of Well**  
**Depth, Feet**  
**Description of Material Drilled**  

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Dec. No. 90603

Married this 29th day of December 1961 at 2:36 p.m.

Margaret Bennard
County Clerk and Recorder.

By

Sec. 8, T.40 R.8

Deputy
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Gilbert E. Bagley
Address: Emigrant, Mont.

Driller: Van Dyken Drilling Co.
Address: Boxman, Mont.

Date of Notice of Appropriation of Groundwater: March 14/49
Date Well Started: March 14/49
Date Completed: March 17/49

Type of Well: Drilled
Equipment Used: Cable tools
Drilling Method: (Cement, drill, rotary or other)

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

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

<table>
<thead>
<tr>
<th>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>6&quot;</td>
<td>6&quot; I9#</td>
<td>0</td>
<td>47&quot;</td>
<td>none</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 8'
Shut-in Pressure for Flowing Well: none
Pumping Water Level: 23' feet at 30 gal. per minute.
Discharge in gal. per min. of flowing well: none
How Tested: Baller
Length of Test: 1 hr.
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).

License No. 1
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.

'647
Doc #97674

Filed here on 20th day of December A.D. 1963
8:10 AM.
Margaret Montana
County Clerk and Recorder.

Fee $2.00
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: February, 1932
Owner: Gilbert E. Magadle
Address: Emigrant, Montana
Contractor (if any): 
Address of Contractor: 
Date Started: 
Date Completed: 

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

1 spring running out of the ground

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.

entire amount of water coming from
this spring is used continuously
by stock.

Signature of Owner:
Date: Dec. 27, 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 Quaduplicate for the Appropriator.
Mar. 29, 1923

Filed that 27th day of
December A.D. 1923
at 3:27 o'clock P.M.

F. G. Maniscal
County Clerk and Recorder.

By

f. g. maniscal
County Clerk and Recorder.
<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Rate tools</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use:</td>
<td>Domestic</td>
<td>Municipal</td>
<td>Stock</td>
</tr>
<tr>
<td>Casing:</td>
<td>0 ft. to 30 ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Ft. to Ft.</td>
<td>Ft. to Ft.</td>
<td></td>
</tr>
<tr>
<td>Type of screen or perforations:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>feet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb/sq. in. on: (date)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>12 feet at 2.0 gal. per min.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>How tested:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td>In front of barn</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(over)
**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Address</td>
</tr>
<tr>
<td>Date Started</td>
<td>Date Completed</td>
</tr>
<tr>
<td>Location: Sec T R 1/4 sec</td>
<td></td>
</tr>
<tr>
<td>Type of well</td>
<td>Equipment used</td>
</tr>
<tr>
<td></td>
<td>(Dug, driven, bored, or drilled)</td>
</tr>
<tr>
<td>Water use: Domestic</td>
<td>Municipal</td>
</tr>
<tr>
<td></td>
<td>Stock</td>
</tr>
<tr>
<td></td>
<td>Irrigation</td>
</tr>
<tr>
<td></td>
<td>Industrial</td>
</tr>
<tr>
<td></td>
<td>Drainage</td>
</tr>
<tr>
<td></td>
<td>Other:</td>
</tr>
<tr>
<td>Casing:</td>
<td>to ft.</td>
</tr>
<tr>
<td></td>
<td>Type</td>
</tr>
<tr>
<td></td>
<td>Size</td>
</tr>
<tr>
<td>Casing:</td>
<td>to ft.</td>
</tr>
<tr>
<td></td>
<td>Type</td>
</tr>
<tr>
<td></td>
<td>Size</td>
</tr>
<tr>
<td>Casing:</td>
<td>to ft.</td>
</tr>
<tr>
<td></td>
<td>Type</td>
</tr>
<tr>
<td></td>
<td>Size</td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td>to ft.</td>
</tr>
<tr>
<td></td>
<td>Ft.</td>
</tr>
<tr>
<td></td>
<td>to ft.</td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>feet.</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq. in. on:</td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>to ft.</td>
</tr>
<tr>
<td>How tested:</td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
</tbody>
</table>

Log of Well
<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>1951</td>
<td></td>
</tr>
</tbody>
</table>

Location: Sec. 23 T 6 R 7 E 1/4 Sec. NE 1/4 NE 1/4

Type of well: Drilled

Equipment used: Churn drill

Water use: Domestic, Municipal, Stock, Irrigation

Casing: 5' ft. to 20 ft. Type: Screened, Size: 6 1/2” C.D. 12” F.E.

Casing: 20 ft. to 40 ft. Type: Screened, Size: 6 1/2” C.D. 12” F.E.

Casing: 40 ft. to 60 ft. Type: Screened, Size: 6 1/2” C.D. 12” F.E.

Perforated or Screened: 60 ft. to 80 ft. 80 ft. to 100 ft.

Type of screen or perforations:

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

Shut-in pressure for flowing well: 10 lb./sq/in. on:

Pumping water level: 12 feet at 20 gal. per min.

How tested: Manual

Length of test: 24 hrs.

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

Log of Well

<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Deed No. 10606

Paid this 29th day of
December A.D. 1961
2:49 p.m.
Margaret Brown
County Clerk and Recorder.

[Signature]

July 1, 1961
<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled:</th>
<th>Equipment used:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Churn drill, rotary, other.</td>
</tr>
</tbody>
</table>


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

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

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

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

Type of screen or perforations:

Static Water level, for non-flowing well: 9 feet.

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

Pumping water level: 12 feet at 20 gal. per min.

How tested: ___________ 

Length of test: ___________ 

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

Log of Well

Depth, feet: from to

Description of Material Drilled
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Indicate all indications that water may be present

4. The amount of groundwater claimed (in miner's inches or gallons per minute) This would be a question if water is reached

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

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

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

8. The depth of water table not known

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. I now apply

10. The estimated amount of groundwater withdrawn each year. Would be a question

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. I now apply

Signature of Owner: Ralph C. Hepburn
Date: Dec 17, 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 Appropriorator.
Declaration of Vested Groundwater Rights
(under Chapter 237, Montana Session Laws, 1961)

1. Ralph E. Hepburn
   (Name of Appropriator)
   of
   (Address)
   County of
   State of
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based
   
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1903, Continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 175 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. Do not apply

8. The depth of water table. Do not apply

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. Do not apply

10. The estimated amount of groundwater withdrawn each year. Based on 6 gals per day, 1.00

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

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. "Sp., etc., at 20 feet from north boundary line and 185 feet from center of road.

Signature of Owner: Ralph E. Hepburn
Date: Dec. 17, 1964

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 by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground (Approx.)
(Elev. above sea level: 4120)

0' - 5'6" TOP soils.
5'6" - II' Coarse sands (wet)
11' - 15' Silty sands.
15' - 55' Blue shales, medium hard. Water 825'60 at 54' to 55'
55' - 61' Hard blue shales.
61' - 75' Medium hard blue shales.
75' - 76' Clean black sands.

T.D. 76'

Date started: Aug. 10/64
Date completed: Aug. 17/64

Type of well: Drilled
Equipment used: Cable tools
(Churn, drill, rotary, or other)

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

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

Well located 7 miles south of Emigrant on highway 89

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: Test Pump
Length of Test: 6 hrs.
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)

Wall to be used for comfort station

License No. 1
Driller's License Number
Driller's Signature

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

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

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

County of Gallatin

George A. Barrett, having first been duly sworn, depos... and
say that he of lawful age and Division Engineer of the Montana State Highway
... and claimant... of the order and water right mentioned in the foregoing notice of
completion of groundwater appropriation by means of well and the person... whose name...

Div. Engineer Montana State Highway Commission

subscribed thereto, as the appropriator... and claimant... that... I know... the
contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me, this 16th day of September, 1946.

Notary Public for the State of Montana.
Residing at Bozeman, Montana.

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

Top of Ground

(Approx. 4920 ft.)

Elev. above sea level.

5'6" TOP soils.

II' Coarse sands (wet)

15' Silty sands.

55' Blue shales, medium hard, Water 62°F,

and 51' to 55'

55' Hard blue shales.

61' Medium hard blue shales.

75' Clean black Sands.

76' Clean black Sands.

T.O. 76'

Well located 7 miles south of Emigrant on highway 89

<table>
<thead>
<tr>
<th>Size of Drilling Hole</th>
<th>Size and Weight of Casing</th>
<th>To (Feet)</th>
<th>perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6.5/8&quot; O.D.</td>
<td>5&quot;</td>
<td>none</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for flowing well

4'7" drawdown

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested: Test Pump

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)

Well to be used for comfort station

License No. 1

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 Appropriate.

38585
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: John A. Ragdale
Address: Enigrant, Montana

Driller: M. E. Jones
Address: Bozeman, Montana

Date of Notice of Appropriation of Groundwater: November 30, 1966
Date well started: December 21, 1966
Date completed: December 28, 1966

Type of well: Drilled
Equipment Used: Churn Drill

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.

<table>
<thead>
<tr>
<th>Depth (Feet)</th>
<th>Blending Size (Inches)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>6 8/10</td>
<td>N/A</td>
<td>N/A</td>
</tr>
<tr>
<td>19</td>
<td></td>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: Ten (10) feet.
Shut-in Pressure for Flowing Well: N/A.
Pumping Water Level: Fifteen (15) feet at Twenty (20) gallons per minute.
Discharge in gal. per min. of flowing well: N/A.

How Tested: Emplacement
Length of Test: One (1) hour.

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

Show exact depth of bottom.

Driller's License Number

Driller's Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

John A. Ragsdale, Box Elder, Mont.

Owner

Van Dyken Drilling Co., Box Elder, Mont.

Drilled

Date of Notice of Appropriation of Groundwater:

March 1/49

Date well started:

March 1/49

Date completed:

March 1/49

Type of well:

Drilled

Equipment used:

Cable tools

Water use:

Domestic

Municipal

Other

Irrigation

Industrial

Drainage

Stock

Water strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc.:

Top of ground

(Elev. above sea level)

State of Montana

Administrator of Groundwater Code

Office of State Engineer

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.

License No. 7

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.
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.

STATE OF MONTANA
Owner
Address
Date well started
completed
Type of well
Equipment used
Water Use:
"Describe...
USE:
ESTIMATED ANNUAL WITHDRAWAL

Top of Ground

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

Well No. 1 at

FISHING ACCESS SITE

27 27 Clays and laves
Boulders.

29 29 Gravels, dry.

Clays, dry.

Claybound gravels and boulders, wet.

Sand and gravels with some clay.

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

N

W

E

S

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

Van Dyken Drilling Co.

Driller's Signature

Driller's Address

LICENSE NO.

1

Show exact depth of bottom

49533
Filed this 2nd day of December A.D. 1871.

Margaret Smidell,
County Clerk and Recorder.

[Signature]
<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>Mr. Knudsen</td>
<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Gorton Road</td>
<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Howard E. Young</td>
<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Lewis H. Young</td>
<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Lewis H. Young</td>
<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Lewis H. Young</td>
<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Lewis H. Young</td>
<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Lewis H. Young</td>
<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Lewis H. Young</td>
<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
<tr>
<td>10</td>
<td>Lewis H. Young</td>
<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Lewis H. Young</td>
<td>6.029</td>
<td>92270</td>
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</tr>
<tr>
<td>12</td>
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<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Lewis H. Young</td>
<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Lewis H. Young</td>
<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Lewis H. Young</td>
<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Lewis H. Young</td>
<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Lewis H. Young</td>
<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Lewis H. Young</td>
<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Lewis H. Young</td>
<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Lewis H. Young</td>
<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Lewis H. Young</td>
<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Lewis H. Young</td>
<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Lewis H. Young</td>
<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Lewis H. Young</td>
<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Lewis H. Young</td>
<td>6.029</td>
<td>92270</td>
<td></td>
</tr>
</tbody>
</table>

Note: The table lists the name of the appropriator, type of form, county file number, and remarks for various entries.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1863

Owner: Mrs. Knowles  Address: Emigrant

Contractor (if any): None  Address of Contractor:

Date Started: 1863  Date Completed: 1863

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. By ditch ~ 1 foot deep, more or less.

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

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

Quantity unknown. Used year-around for stock watering, and five months a year for irrigation.

Signature of Owner: [Signature]

Date: December 6, 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 Appportionment
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1885
Owner: JULIAN READ Address: Chico, Montana
Contractor (if any): Unknown
Address of Contractor: Unknown
Date Started: Unknown Date Completed: Unknown

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. large hot water spring, excavation done to deepen spring. Free-flowing spring with two 4" lines running from the spring to the Chico Hotel, used for domestic purposes and water in hotel. A 10" line running directly from spring to Chico Plunge used commercially as a swimming pool. Water runs continuously.

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. Continuous.

Use of 120 miner's inches of water. Continuous change of water in Chico Plunge.

Runoff used for stockwater.

Signature of Owner: JULIAN READ
Date: December 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.
Filed the 31st day of December A.D. 1963 at 2:41 o'clock P.M.

Margaret McVicker
County Clerk and Recorder

Sec. 7108
April 17, 1973

Mr. Mark Taliaferro
Pray, MT 59065

Dear Mr. Taliaferro:

This is in reply to your letter of April 13, 1973, and our telephone conversation on April 17, in reference to water-right filings made by George and Fern Lefgren in December of 1963.

We would suggest that one of the forms as filed by Mr. Lefgren be amended at the courthouse to show that at least one spring is developed (only you would know which form specifically refers to the developed spring). Make sure you indicate the dates started and completed, means or method used to develop the spring, amount of water claimed, and the beneficial use of the water. The county clerk and recorder should send us a copy of the amended filing.

The remaining undeveloped springs should be filed on a Notice of Appropriation form for surface water. You should be able to date the undeveloped springs (natural flowing) back to the date of appropriation, which Mr. Lefgren should be able to provide.

Please find enclosed the following:

(1) Notice of Appropriation form for surface waters only. Additional copies can be purchased at most major office supply stores in Montana.

(2) A pamphlet on Instructions for Filing a Surface Water Appropriation.

(3) A copy of S.B. 444, the Montana Water Use Act, which goes into effect on July 1, 1973.

If we can be of further assistance, please feel free to contact us at any time.

Sincerely,

Ronald J. Buse
Groundwater Rights Coordinator
WATER RESOURCES DIVISION

Enclosures (3)
April 10, 1973

Mrs. Sara C. Taliaferro
Pray, MT  59065

Dear Mrs. Taliaferro:

This is in reply to your April 9, 1973 letter requesting copies of filed appropriations on springs owned by George and Fern Lefgren.

Please find enclosed as per your request copies of two spring appropriation forms filed by George E. and Fern Mae Lefgren on December 17, 1963, document nos. 97599 and 97600.

We have some doubts about the legality of the two filed appropriations, since those particular forms are intended for developed springs; that is, the reason for having two blanks (see copies as underlined in red) which state, "Date started" and "Date completed." Undeveloped springs (which these seem to be) should have been filed on a Notice of Appropriation form for surface waters. Please find enclosed a brief description of Developed and Undeveloped Springs.

As for the name change on the appropriations, we will note that you will be the new owners and attach a copy of your letter to the forms. We would suggest that you have the names changed on the original filed appropriations in the County Clerk and Recorder's Office at Livingston, by means of affidavit or other appropriate means.

If we can be of further service, please feel free to call on us at any time.

Sincerely,

Ronald J. Guse
Groundwater Rights Coordinator
WATER RESOURCES DIVISION

RJG/v
Enclosures (3)
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1962

Owner: [Insert Name and Address]

Contractor (if any): [Insert Name and Address]

Address of Contractor: [Insert Address]

Date Started: [Insert Date]

Date Completed: [Insert Date]

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

[Insert Description]

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.

[Insert Description]

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

[Insert Description]

Signature of Owner: [Sign Name and 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
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: 1942
Owner: George C. Leffran
Address: PRY

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 spring 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.

C = 15 minor loaches
D = 20 minor loaches

Signature of Owner: George C. Leffran
Date: 1-1-1963

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.
Lic. No. 97577
Filed the 17th day of
December A.D. 1879
at 1:50 o'clock P.M.

Magistrates: Norwalk

Said Clerk and Sheriff,

By: J.J. Fuller
Deputy.

[Signature]

[Signature]
**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 257 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**: PETER R. STORY

**Address**: ENIGRANT, MONTANA

File: 137330

Date well started: 1934

Date well completed: 1934

Type of well: Drilled

Equipment used: Cable tools

Water Use: Domestic

Industrial

Drainage

Other

Garden/Lawn

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

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td></td>
<td>0</td>
<td>30</td>
</tr>
</tbody>
</table>

Perforations

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

Static water level: __________ ft.

Pumping water level: __________ ft.

at: __________ gallons per minute, measured: __________ minutes after pumping began.

*Measured from ground level.

Well developed by: __________ for: __________ hours.

Power Pump: __________ HP

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

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

Driller's Signature

Driller's Address

LICENSE NO.
No. 127330

Filed this 1st day of
March, A.D. 1923.
9:45 A.M.

Phineas Nevinson
County Clerk and Recorder

Pay Treasurer

$25.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

STATE ENGINEER
(Under Chapter 237, Montana Session Laws, 1961)

1. James R. Karnes & Ann Karnes of Emigrant
   (Name of Appropriator) (Address) (Town)
   County of Park State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

   2. The beneficial use on which the claim is based: For household, drinking and garden use.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 1960. Well has been continuously used since that date for purposes listed above.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 15 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 used for irrigation.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 8" steel casing, electric jet pump. The well is 2 yards from our house.

   NE 1/4 Sec. 5 T 66 S R 35 E
   Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Well was originally begun in Jan. of 1956. It ran dry in 1960 and was completely re-drilled in 1963.

   8. The depth of water table: 125 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: It is a "deep well" and is 125 feet in depth.

   10. The estimated amount of groundwater withdrawn each year: Approximately 60,000 gallons.

   11. The log of formations encountered in the drilling of each well if available: No information 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: The deed to the property wherein the well lies is found in Volume 93, Page 512, Clerk & Recorder's Office in Park County.

   Signature of Owner: James D. Karnes

   Date: December 31, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
Filed the 31 day of Dec, A.D. 1865 at 3:16 o. of P. M.

Margaret Josiess
County Clerk and Recorder.

By

fee $2.00

Deputy.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Mrs. CLARA LEA
Address: BOZEMAN, MONTANA

Driller: VAN DYK  DRILLING CO
Address: BOZEMAN, MONTANA

Date of Notice of appropriation of groundwater: none

Date well started: 9/16/69  Date completed: 9/13/69

Type of well: Drilled  Equipment used: Cable tools
(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>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 6/5/8&quot; 0.25 17/lb/ft.</td>
<td>Tested</td>
<td>0'</td>
<td>68'</td>
<td>none</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well: none

Pumping Water Level: 32' feet

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

How Tested: Bailor

Length of Test: 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of cutoff, Puddied clay, and cuttings outside of casing from 0' to 68'.

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.

LICENS No. 1
Driller's License Number

Driller's Signature

Bert Van Dyken

9/16/69
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: VICTOR JARRELL
Address: LIVINGSTON, MONTANA

Date well started: 1/4/73
Completed: 1/8/73

Type of well: Drilled
Equipment used: Cable tools
Water Use: Domestic

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Hole</th>
<th>Depth (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6 5/8&quot;</td>
<td>0</td>
<td>none</td>
</tr>
</tbody>
</table>

Static water level: 45 ft.
Pumping water level: 50 ft.
at: 65 gallons per minute, measured 60 minutes after pumping began.

Well developed by: Drilling
Power: Pump: HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
Paddles, clamps and drill cuttings shutoff outside of casing from 0' to 67' 0.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
Each small square represents 40 acres.

Driller's Signature: VAN DYKE DRILLING CO.
Driller's Address: 

BOZEMAN, MONTANA
LICENSE NO. 1

Show exact depth of bottom
## WATER WELL LOG

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Cable Tools</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use:</td>
<td>Domestic</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Municipal</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Stock</td>
<td>Irrigation</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Industrial</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Drainage</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Other</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td>Surface</td>
<td>5216 ft 8 in.</td>
<td>PE Steel 6&quot;</td>
</tr>
<tr>
<td></td>
<td>ft to</td>
<td>5216 ft 8 in.</td>
<td></td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Ft to</td>
<td>Ft to</td>
<td>Ft to</td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>feet</td>
<td>16</td>
<td>feet</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb/sq. in.</td>
<td>(date)</td>
<td></td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>20 gal. per min</td>
<td></td>
<td></td>
</tr>
<tr>
<td>How tested:</td>
<td>Bailor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td>1 hr</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td>(Gravel packing, cementing, packers type of shut-off, depth of shut-off)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(Over)

Well is home place for irrigation.
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 3716&quot;</td>
<td>All sand, gravel, boulders.</td>
</tr>
</tbody>
</table>
**WATER WELL LOG**

**Owner:** Clarence A. Schlueter  
**Address:**  

**Driller:** Van Dyken Drilling Co.  
**Address:** Bogein  

**Date Started:** Oct 24/61  
**Date Completed:** Oct 27/61  

**Location:** Sec 5 T. 6 S. R. 8 E. 1/4 sec S. W.  

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Drilled</th>
<th>Equipment Used</th>
<th>Cable Tools</th>
</tr>
</thead>
</table>

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

**Casing:**  
- 0 ft. to 3 4 ft.  
- Type:creens  
- Size: 1 7/8 in.  
- ID: 1 7/16 in.  

**Pumping water level:** 20 feet  

**Static Water Level:** 0 feet  

**Shut-in Pressure:** 0 lb./sq. in. on:  

**Type of Screen or Perforations:**  

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

**Remarks:** (over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>20</td>
</tr>
<tr>
<td>20</td>
<td>34</td>
</tr>
<tr>
<td>34</td>
<td></td>
</tr>
</tbody>
</table>
Owner: Elanore A. Schueren
Address: Fray, Montana

Driller: Van Dyken Drilling Company
Address: Bozeman, Montana

Date Started: October 18, 1957
Date Completed: Oct. 21, 1957

Location: Sec. 8, T. 6 S., R. 11 E., 1/4 sec. NW

Type of well: Drilled
Equipment used: Cable Tool
(Churn drill, rotary, other)

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

Casing: Surface to 100' [x] 2'-0" [ ] ft. Type: P.E. Eaved Stake Size: 6-5/8" C.D. 17#

Casing: 100' to [ ] ft. Type: [ ] Size: [ ]

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

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

Type of entrance: perforations: 3/8" X 4" Slot

Static Water level, for non-flowing well: 10 feet.

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

Pumping water level, S.F.: [ ] ft. Drawdown: [ ] ft. at: [ ] C.F.M. gal. per min.

How tested: [ ] Bailier

Length of test: 1 hr.

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

(Well No. 2 helps house)
## Lot of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 20</td>
<td>Coarse gravel and boulders</td>
</tr>
<tr>
<td>20 - 31</td>
<td>Fine sand, gravel - water at 12 to 25 ft.</td>
</tr>
<tr>
<td>31 - 50</td>
<td>Very fine, silty, muddy sand, heaves up in casing (little water)</td>
</tr>
<tr>
<td>50 - 100</td>
<td>Same as 31 to 50 but a little coarser - heaves up in casing (little water)</td>
</tr>
</tbody>
</table>

Perforated casing @ upper level to let in water after plugging bottom of casing.

Note: Date 20-4-1927 and signed.

[Signature]
Date of Appropriation of Groundwater: approximately 1880
Owner: JULIAN REID
Address: Chico, Montana
Contractor (if any): Unknown
Address of Contractor: Unknown
Date Started: Unknown
Date Completed: Unknown

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

Spring has been excavated at
the source, flowing water a dia. of 325' to
Chico Lake. Chico Lake has a dam const. at
North end with an 8" wood line leading from
lake to Chico Hotel. Water used for domestic
and irrigation purposes.

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. ap. 45 miner's
inches. Used continuously throughout the
year.

Signature of Owner: JULIAN REID
Date: December 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 1900

Owner

Contractor (if any)

Address of Contractor

Date Started 1900 Date Completed 1902

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. By 1-inch pipe

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

Used all year for domestic purposes and stock watering

Signature of Owner

Date December 6, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
Filed the 6th day of December 1963 at 2:30 p.m.
Margaret Monical
County Clerk and Recorder

fee $3.00

77395
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. JULIAN REED of Chico
   (Name of Appropriator)
   (Address)
   County of Park State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based
   Domestic and stock water and subirrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been approximately 1885, exact date unknown.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) A. Well-10"; B. Spring-35 miner’s 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 N/A.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal A. A cribbed concrete well, 6” casing, 1.5 H.P. Pump, piped from well to stock trough and to house. B. Excavation done at source to increase flow.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater exact dates unknown, early 1900’s.

8. The depth of water table unknown.

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 A. A cribbed concrete well, 6” casing, 1.5 H.P. Pump, piped from well to stock trough and to house. B. Excavation done at source to increase flow.

10. The estimated amount of groundwater withdrawn each year Approximately 10 miner’s inches from spring. 35 miner’s inches from well.

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

12. 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 unknown.

Signature of Owner
Date December 31, 1963

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

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

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