TRIPlicate

Top of Ground

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>(Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Grav.</td>
</tr>
<tr>
<td>40</td>
<td>Sandstone</td>
</tr>
<tr>
<td>62</td>
<td></td>
</tr>
<tr>
<td>105</td>
<td>Lava rock and varigated shales</td>
</tr>
<tr>
<td>120</td>
<td>Lava white sandstone</td>
</tr>
<tr>
<td>150</td>
<td>White sandstone</td>
</tr>
</tbody>
</table>

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Geyser, Montana
Address: Geyser, Montana

Date of Notice of appropriation of groundwater: None

Date well started: Nov. 10, 1968
Date completed: Nov. 20, 1968

Type of well: Drilled
Equipment used: Rotary

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

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

<table>
<thead>
<tr>
<th>Size of Drill</th>
<th>Size and Weight of Cable</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 7/8</td>
<td>27</td>
<td>62</td>
<td>170</td>
<td></td>
</tr>
<tr>
<td>5 5/8</td>
<td>62</td>
<td>170</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 3/4</td>
<td>62</td>
<td>170</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 shut-off)

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

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

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

10/11/68
File No. 716

Ethel L. Karjala

State of Montana
County of Judith Basin

Filed this 15th day of
May A.D. 1968 at 11:30
A.M.

County Clerk

Fee $2.00 Paid.
**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:** Kolar Bros. 
**Address:** Gayser, Montana 
**Date well started:** 9/20/70 
**Date completed:** 10/18/70 
**Type of well:** Drilled (Bore, driven, bored or drilled) 
**Equipment used:** Rotary (Churn drill, rotary or other) 
**Water Use:** Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ] Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ] 
**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 Hole (Feet)</th>
<th>Depth of Well (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.5</td>
<td>5</td>
<td>None</td>
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</tbody>
</table>

**Top of Ground**

<table>
<thead>
<tr>
<th>From Feet</th>
<th>To Feet</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>10</td>
<td>Overburden</td>
</tr>
<tr>
<td>10</td>
<td>35</td>
<td>Grain-sandstone</td>
</tr>
<tr>
<td>35</td>
<td>180</td>
<td>Grain-sandstone - bentonite</td>
</tr>
<tr>
<td>180</td>
<td>390</td>
<td>Grain-sandstone with small amount of water</td>
</tr>
<tr>
<td>390</td>
<td>510</td>
<td>Gray sandstone - very hard at 450 feet</td>
</tr>
<tr>
<td>510</td>
<td>530</td>
<td>Little change - very hard at 530 feet</td>
</tr>
<tr>
<td>530</td>
<td>574</td>
<td>Gray sandstone - very hard at 574 feet</td>
</tr>
<tr>
<td>574</td>
<td>675</td>
<td>Gray sandstone - with 5 gpm at 675 feet</td>
</tr>
<tr>
<td>675</td>
<td>690</td>
<td>Hard sandstone</td>
</tr>
<tr>
<td>690</td>
<td>695</td>
<td>Intermittent hard and soft layers of sandstone with some siltstone - 695 feet</td>
</tr>
</tbody>
</table>

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

**Each small square represents 40 acres.**

**Driller's Signature:** Kolar Bros. 
**Driller's Address:** Gayser, Montana 
**License No.:** 663 - Show exact depth of bottom.
Kolar Brothers
Drilled Well

SW1/4 Sec. 32, R. 19, T. 10

State of Montana
County of Judith Basin
Filed for record this 10th day of September 1971 A.D. at 3:00 P.M.
Delight Leslie, Co.Clerk

Fee: $2.00 paid
Date of Appropriation of Groundwater: 1958

Sigurd E. Anderson and Emma J. Anderson
Owner: ------------------ Address: Sayger, Montana.

Contractor (if any) Mr. Halston
Address of Contractor Gornall

Date Started: 1958 Date Completed: 1958

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

Dug into Spring about 10 ft.

Flowing Spring.

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

5 and 8 gallons per minute.

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.
# 357

JUNEDWA SR APPROPRIATION
SIGURD A. ANDERSON

SWSW Secs. 24-18-10

122064

State of Montana
County of Judith Basin:
Filed for record this 20th
day of Dec., A.D. 1965 at
2:20 o'clock P.M.

Delight Leslie, Clk & Rec.

by [Signature]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE

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

1. George Act of Anna Act of Geyser Montana
(State of Appropriator) (Address) (Town)
County of Judith Basin 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
   Stock water and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   August 5, 1954

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gallon 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
   1 acre

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
   July 9, 1952 completed August 1, 1954

8. The depth of water table 760 feet small amount of water

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
   813 ft deep, 2½ galv pipe, has a valve shut off and the pipe is cemented

10. The estimated amount of groundwater withdrawn each year Not known

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

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

Signature of Owner George Act
Date June 4, 1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
0 - 105  Blue Shale
105 - 121  Blue Shale
121 - 122  Hard sandy reef
122 - 285  Blue Sandy shale
285 - 305  Grey Shale
305 - 305  Grey Shale
305 - 385  Grey Shale, alternating layers of hard sandstone, and sandy shale
385 - 405  Alternating layers of hard sandstone and sandy shale
405 - 485  Grey Shale
485 - 555  Sandy red shale
555 - 556  Soft sandy red shale
556 - 62h  Alternating layers of hard sandstone and sandy shale
62h - 63h  Sandy red shale
63h - 662  Sandstone
662 - 695  Red Shale
695 - 70k  Sandy red shale
70k - 710  Hard sandstone
710 - 721  Hard sandstone
721 - 76k  Sandstone, small amount of water at 760
76k - 797  Sandstone
797 - 798  Hard sandstone
798 - 809  Soft coarse sandstone, about 15 gal per min.
809 - 811  Red Shale
811 - 812  Set 2" Galv. pipe.
## GROUNDWATER INDEX

<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>
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<tr>
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<td>GW-H</td>
<td></td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Pipe (Domestic Feed)</td>
<td>H</td>
<td>101023</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>United States Army</td>
<td>H</td>
<td>1101307</td>
<td></td>
</tr>
<tr>
<td>70</td>
<td>Fedor (Domestic Feed)</td>
<td>GW-S</td>
<td>112526</td>
<td></td>
</tr>
<tr>
<td>75</td>
<td>Minnow (Domestic Feed)</td>
<td>GW-H</td>
<td>166</td>
<td></td>
</tr>
</tbody>
</table>

---

County: [Redacted]  | Twp: 18 N  | Rge: [Redacted]
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. Earl Knut, of Judith Basin, State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>Point of Appropriation</th>
<th>Place of Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>SW 1/4 Sec. 30 T. 17 N. R. 11</td>
<td></td>
</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based

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

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: Earl Knut
Date: Dec. 31, 1963

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

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

Original to the County Clerk and Recorder, Duplicate to the State Engineer, Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
File No. 572

Earl Mostio
Sec. 50-18-11

State of Montana
County of Judith Basin

Filed this 31st day of December A. D. 1963 at 5:14 o'clock P.M.

[Signature]
County Clerk.

Fee $2.00 Paid.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Alex Kraftenberg of Geyser
   (Name of Appropriator) (Address) (Town)

   County of Judith Basin 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
      both wells for stock and household
      and garden irrigation

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      Well No. 1 about 1910
      Well No. 2 1955

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
      Well No. 1 12 gallon per min.
      Well No. 2 12 gallon per 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
      used for garden irrigation

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
      No. 1 pump jack with electric motor
      No. 2 jet pump

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      Well No. 1 was dug about 1910 drilled 85 feet
      Well No. 2 drilled 85' deep

   8. The depth of water table 50 ft.

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
      Well No. 1 cased with galvanized 6' casing to a depth 85'    
      Well No. 2 iron casing 6' to depth of 85'

   10. The estimated amount of groundwater withdrawn each year unknown

   11. The log of formations encountered in the drilling of each well if available
      no logs 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 Alex Kraftenberg
   Date Dec. 12, 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 School of Mines and Quadruplicate for the Appropriator.

32571
State of Montana  
County of Judith Basin  
Filed for record this 12th day of Dec., A.D. 1975 at 9:00 o'clock A.M.  
Delight Lewis, Clerk and Rec.  

by_________________________  

Fee $2.00 pd.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

c/o U. S. Corps of Engineers
1. United States of America
   of Box 1423, Great Falls, Montana
   (Name of Appropriator)
   (Address) (Town)
   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
   Domestic use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   23 October 1960
   Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 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
   None

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Started - 26 September 1960
   Completed - 23 October 1960

8. The depth of water table
   200 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
   Drilled vertical well - 1065 feet

10. The estimated amount of groundwater withdrawn each year
    2800 gallons

11. The log of formations encountered in the drilling of each well if available
    Shale, various types

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

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.
No. 162

Filed for record this 1st day
of May A.D. 1962 at 11:00 a.m.

Delilah Leslie, Clk. & Sec.
by Henry Montmorency, Dep.

100 $2.00 pds.

Wilkinson & Co., St. Cloud, Dakota County
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, 1861)

Date of Appropriation of Groundwater: 1953
Owner: Gilbert Enker Estate
Address: Stanford, Montana
Contractor (if any): Gordon Enker
Address of Contractor: Stanford, Montana
Date Started: 1953
Date Completed: 1953

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

--- Dug to about 15 Ft. of tile and wheel installed on top. Cement top installed. This _

--- Spring is piped into a dwelling.

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.

--- 5 to 7 gallons per minute.

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

Signature of Owner: Florence Enker
Date: Dec. 19th, 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.
GROUNDWATER APPROPRIATION

FLORENCE SPRING
SWE Sec. 33-18-11

122050

State of Montana
County of Judith Basin
Filed for record this 14th day of Dec., A.D. 1963 at 2:05 o'clock P.M.
Delight Leslie, Clerk and Sec

by /s/ [Signature]

Fee $2.00 pd.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

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

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

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

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

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

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

8. The depth of water table:

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

10. The estimated amount of groundwater withdrawn each year:

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

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

Signature of Owner:

Date:

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
No. 561

Irene E. Mikesom

Sec. 35-18-11

State of Montana
County of Judith Basin

Filed for Record this 31st day of December A. D. 1963 at 3:03 o'clock P.M.

[Signature]
County Clerk.

Fee $2.00 Paid.
<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>6</td>
<td>Street, R. J.</td>
<td>EW-H</td>
<td>385</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Mission, V.</td>
<td>EW-H</td>
<td>1234</td>
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</tr>
<tr>
<td>13</td>
<td>Prison, Inc.</td>
<td>EW-H</td>
<td>1234</td>
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<tr>
<td>25</td>
<td>Root, W. J.</td>
<td>V. W.</td>
<td>2345</td>
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<td>Mission, V.</td>
<td>EW-H</td>
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<td>22</td>
<td>New, Terry</td>
<td>EW-3</td>
<td>12343</td>
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</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Virgil E. Stout, of Coffee Creek (Town)
   County of Judith Basin, 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, yard, garden, farmyard.

3. Date or approximate date of earliest beneficial use: 1-1-12. Continuous use since then.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied: 1 acre of garden - one tenth of a new adjoining to well.

6. The means of withdrawing such water from the ground: pump, windmill.

7. The date of commencement and completion of the construction of the well, or other works for withdrawal of groundwater: #1 - 1-1912. #2 - 1-1914.

8. The depth of water table: 25 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 
   #1 - auger 5 ft. diameter, 25 ft. depth. 
   #2 - drilled well, 6 in. casing, 6 ft. depth.

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

11. The log of formations encountered in the drilling of each well, if available:
   #1 - gravel, concrete 3 ft., gravel 13 ft. 
   #2 - unknown.

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: June W. Stout
Date: Dec 26, 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 School of Mines and quadruplicate for the Appropriator.

32464
File No. 388
Virgil S. Stout

Date: Dec. 2 -10-12

State of Montana
County of Judith Basin

Filed on this 27
day of December A.D.
1963 at 9:35 o'clock
A.M.

[Signature]
County Clerk.

Fee $2.00 paid.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: HANSA R. MIKESON
Address: GUYER, MONTANA

Driller: THATCHER DRILLING CO.
Address: STANFORD, MONT.

Date of Notice of Appropriation of Groundwater: Oct. 23-62

Date Well Started: Oct. 23-62
Date Completed: Nov. 12-62

Type of Well: Rotary

Equipment Used: Drilled

Strata Met With in Drilling:
- Overburden Glacial Drift
- Blue Shale
- Hard Sandstone
- Alt. Layers Hard Sandstone and Shale
- Hard Sandstone
- Med. Soft Blue Shale
- Hard Sandy Blue Shale
- Hard Sandstone, Blue Shale, Layers Sandstone
- Med. Soft Coarse Sandstone
- Hard Sandstone
- Med. Soft Sandstone
- Hard Sandstone

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.

Dimensions and Perforations:

<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&quot;</td>
<td>2&quot; &quot;Stand galv.&quot;</td>
<td>0</td>
<td>555</td>
<td>1/4&quot; x 4&quot; slots: 495</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: feet.
Shut-in Pressure for Flowing Well: 30 lbs.
Pumping Water Level: feet at gal. per minute.
Discharge in gal. per min. of flowing well: 5 gals.
How Tested: Stop watch and measure
Length of Test: 24 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)

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

Driller's License Number: 86
Driller's Signature: [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.
W. N. # 213

Appropriation by Well

Manie and Irys Nikeson

12060h

State of Montana
County of Judith Basin

Filed for record this 31st
of Dec., A.D., 1962 at 9:30 o'clock
P.M.

Delight Leslie, Clk. & Rec.

by _______________, Dep.

Fee $2.00 pd.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Name Mikeason ........................................ of F. O. Box 236 Stanford
   (Name of Appropriator) ................................ (Address) (Town)
   County of Judith Basin .................................... 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
      stock use ........................................

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been used continually for past thirty (30) years;

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

   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 (does not apply)

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal spring, natural flow from same.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
      (does not apply)

   8. The depth of water table	none
      (does 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
does not apply

   10. The estimated amount of groundwater withdrawn each year (does not apply)

   11. The log of formations encountered in the drilling of each well if available (does not apply)

   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
Warrant Deed, Book 146, Page 154
Decrees of Distribution, Book 143, Page 10, records of Judith Basin
County.

Signature of Owner Mikeason

Date Dec. 30th, 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.
UNITED STATES DISTRICT COURT
NORTHERN DISTRICT OF MONTANA

DEED AND NOTE

State of Montana
County of Judith Basin
Filed for record this 30th day of Dec., A.D. 1963
at 11:05 o'clock A.M.

Selby Leslie, Clerk and A.C.

by

Fee $2.00 paid.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. DW\ Richardson
   (Name of Appropriator)
   Address)
   County of Judith Basin
   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
      Stock Water - Horse - Livestock

   3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
      1885 - Steady Use

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

   7. The date of commencement and completion of the construction of the well, well, or other works for withdrawal of groundwater: Improved, development in 1963

   8. The depth of water table: 7 feet

   9. As far as it may be available, the type, size and depth of each well or other works for the withdrawal of groundwater:
      Developed Spring

   10. The estimated amount of groundwater withdrawn each year: 5,256,000 gallons

   11. The age of formations penetrated in the drilling of each well of withdrawal: None

   12. Such other information as a similar number of cases may be deemed of interest as the policy of this act will be interpreted

   Signature of DW\ Richardson

   Date: 12/31/62

This copy is a duplicate of the record on file in the Ground Water Appraiser's Office in the office of the State Engineer.
J. L. Dickson
Sec. 13-18-12

State of Oklahoma
County of Judith Basin
Filed for record this 41st day of Nov. A.D., 1963
at 1:50 o'clock p.m.
Delight, Okla., Okla. 74628

by ____________________ Dep.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Jan. 15, 1962

Owner: LeRoy Orr
Address: Missoula, Montana

Contractor (if any): None

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.

- Flowing spring used for irrigation
- And 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.

- Used year around
- 100 gallons a minute

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

Signature of Owner: Date: Jan. 19, 1962

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.
Dec. No. 11264:
NOTICE OF GROUNDWATER APPROVAL
WITHOUT WELL

LEBOY OER

HEALY SE. Sec. 22- 19-12.

STATE OF MONTANA
County of Judith Basin

Filed this 1st day of February
A.D. 1962 at 4:05 o'clock P.M.

County Clerk

Fee $2.00 Paid.
Form No. 18
8-60

T. 18  R. 12  
County Judith Basin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner: William Hetzfel Estate</th>
<th>Address: Stanford, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller: D. C. Thatcher</td>
<td>Address: Stanford, Montana</td>
</tr>
<tr>
<td>Date Started: Aug. 12, 1961</td>
<td>Date Completed: Aug. 14, 1961</td>
</tr>
<tr>
<td>Location: Sec. 25 T. 18 R. 12</td>
<td>1/4 sec. NW NW</td>
</tr>
</tbody>
</table>

Type of well Drilled, Equipment used Rotary

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

Industrial [ ] Drainage [ ] Other [ ]

Casing: 0 ft. to 215 ft. Type Galv. Size 4"

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

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

Perforated or Screened: Ft. ______ to Ft. ______: Ft. ______ to Ft. ______

Type of screen or perforations

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

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

Pumping water level ______ feet at ______ gal. per min.

How tested: _______________________________________

Length of test: ____________________________________

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

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>18 Gravel &amp; Brown Clay</td>
</tr>
<tr>
<td>18</td>
<td>25 Brown Clay</td>
</tr>
<tr>
<td>25</td>
<td>110 Alt. Blue shale and sandstone</td>
</tr>
<tr>
<td>110</td>
<td>140 Blue shale, hard layers of sandstone</td>
</tr>
<tr>
<td>140</td>
<td>168 Blue shale - sandy layers</td>
</tr>
<tr>
<td>168</td>
<td>180 Hard sandy layers</td>
</tr>
<tr>
<td>180</td>
<td>215 Blue shale</td>
</tr>
</tbody>
</table>
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

#### Declaration of Vested Groundwater Rights

1. **Helen McLean** and **Irene McLean** of **Stanton**
   
   County: **Judith Basin**
   
   State: **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
   
   **Stock water**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   
   **June 19, 1962**

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   
   **Commenced June 11, 1962; completed June 19, 1962**

8. The depth of water table
   
   **80 ft.**

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

10. The estimated amount of groundwater withdrawn each year
    
    **not known**

11. The log of formations encountered in the drilling of each well if available
    
    | Depth | Formation |
    |-------|-----------|
    | 0 - 22 | Overburden |
    | 22 - 30 | Shale |
    | 30 - 500 | Shale, Limestone, Sandstone, and Conglomerate |
    | 500 - 800 | 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
    
    **Pipe is perforated from 550' to 605' with ¼” x 4” slots**
    
    **Packer set at 10’**

**Signature of Owner:**

**Date:** **August 7, 1962**

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
Veated Gr. W.Rights
119th

Hani* Kikeson
SNSW 33-18-12

Filed for record this 7th
day of Aug. 1962 A.D. at
1:00 o'clock P.M.

Delight Leslie, Clk. & Co.

by

Fee $2.00
<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>
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<tbody>
<tr>
<td>1</td>
<td>Collins, Francel E.</td>
<td>GW-H</td>
<td>72-564</td>
<td></td>
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<tr>
<td>2</td>
<td>Broad, John K.</td>
<td>GW-H</td>
<td>52-094</td>
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<td>3</td>
<td>Anderson, Edward A.</td>
<td>GW-H</td>
<td>123-517</td>
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<tr>
<td>4</td>
<td>Vangie, William J.</td>
<td>GW-H</td>
<td>52-074</td>
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<td>5</td>
<td>Linford, Stephen D.</td>
<td>GW-H</td>
<td>82-054</td>
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<td>6</td>
<td>Nichols, Elmore J.</td>
<td>GW-H</td>
<td>12-793</td>
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<td>7</td>
<td>Anderson, William E.</td>
<td>GW-H</td>
<td>123-605</td>
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<td>Cooper, Thelma</td>
<td>GW-H</td>
<td>72-055</td>
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<td>Fish, Edward S.</td>
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<td>123-505</td>
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<td>10</td>
<td>Anderson, Elmer E.</td>
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<td>123-793</td>
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<td>11</td>
<td>Rathgood, Delila L.</td>
<td>GW-H</td>
<td>12-555</td>
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<td>12</td>
<td>Salters, Elmer</td>
<td>GW-H</td>
<td>22-515</td>
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<td>13</td>
<td>O'Neal, Ruth B.</td>
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<td>52-695</td>
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<td>14</td>
<td>Bristow, Roy W.</td>
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<td>123-454</td>
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<td>Gresch, Margaret</td>
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<td>52-055</td>
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<td>52-455</td>
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<tr>
<td>25</td>
<td>Vickers, Allen J.</td>
<td>GW-H</td>
<td>52-654</td>
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</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Mrs. Frances K. Colarchik, of: Geyser
(Town)

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

<table>
<thead>
<tr>
<th>N</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
</tr>
</tbody>
</table>

1. The beneficial use on which the claim is based:
- House hold
- Stock water

2. Date or approximate date of earliest beneficial use: and how continuous the use has been: 1930 & Continuous since

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 2.0 gal. per min. 2 - 3 each

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

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.
- No irrigation

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

7. The depth of water table:
- 12 ft

8. The estimated amount of groundwater withdrawn each year:
- 185,000 per 100 days
- 2.34

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

10. 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: Frances K. Colarchik
Date: October 26, 1965

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 Approprietor.
WATER WELL

FRANCES J. COLARCHIK
Raynesford, Montana
Sec. 1-17-8

State of Montana
County of Judith Basin
Filed for record this 28th
day of Oct. A.D. 1969 at 8:00
o'clock A.M.

Delight Leslie, Ck. & Rec.

by Betty Grace Dec
### Declaration of Vested Groundwater Rights

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. Name: **John Godner**
   - Address: **Raynesford**
   - City: **address**
   - State: **Montana**

2. **County of Judith Basin**, **State of Montana**

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

<p>| | | | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</tbody>
</table>

4. **Natural flowing springs**
   - **Section 2, T.17, R.8**
   - **Indicate point of appropriation and place of use, if possible.**
   - Each small square represents 10 acres.

5. **The beneficial use on which the claim is based**
   - **livestock**

6. **Date or approximate date of earliest beneficial use; and how continuous the use has been**
   - **1900 used continuously**

7. **The amount of groundwater claimed (in miner’s inches or gallons per minute)**
   - **1 gallon per min**

8. **If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof**
   - **none**

9. **The means of withdrawing such water from the ground and the location of each well or other means of withdrawal**
   - **natural flow of water from springs**

10. **The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater**
    - **December 15, 1963**

11. **The depth of water table**
    - **61 to 15 feet**

12. **The estimated amount of groundwater withdrawn each year**
    - **500,000 gallons**

13. **The leg of formations encountered in the drilling of each well if available**
    - **none**

14. **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: **December 15, 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 School of Mines and Quadruplicate for the Appropriator.
No. 50C

VESTED GROUNDWATER RIGHTS

JOHN M. BORNER

SWSH Sec. 2-17-8

121990

STATE OF MONTANA
COUNTY OF TOLITH BASIN
Filed for record this 13th
day of Dec. A.D. 1983 at 1:10
of clock P.M.

Delight Leslie, Clk. & Sec.

$2.00 pd.
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: MAY 16, 1898

Owner: EDMUND A. ANDERSON
Address: RAYNOR, MONT

Contractor (if any): NONE
Address of Contractor: NOT APPLICABLE

Date Started: NOT APPLICABLE
Date Completed: NOT APPLICABLE

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

SPRING 2 - NATURAL FLOW

SPRING 3 - NATURAL FLOW

SPRING 4 - NATURAL FLOW

SPRING 5 - NATURAL FLOW

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

SPRING 1 - 1 GAL. PER MINUTE

SPRING 2 - 3 GAL. PER MINUTE

SPRING 3 - 3 GAL. PER MINUTE

SPRING 4 - 3 GAL. PER MINUTE

SPRING 5 - 1 GAL. PER MINUTE CONTAINER

Continuous use of all SPRINGS, F. W. LIVINGSTON

Signature of Owner: EDMUND A. ANDERSON
Date: DECEMBER 23, 1963

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

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

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

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

Sec. 2-17-6

122085

State of Oregon
County of Judith Basin
Filed for record this 23rd
day of Dec., 1963 at 2:45
o'clock P.M.
Delight Leslie, Clerk and Rec.

Fee $2.00 pd.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Date of Appropriation of Groundwater: **AUG. 1, 1964**

Owner: **EDMUND A. ANDERSON**
Address: **RAYNORTH, MONT.**

Contractor (if any): **NONE**
Address of Contractor: **NOT APPLICABLE**

Date Started: **NOT APPLICABLE**
Date Completed: **NOT APPLICABLE**

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

**SPRING 7 - NATURAL FLOW**

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

**SPRING 7 - 12 GAL. PER MINUTE**

Measured with gallon container continuous use for livestock and home.

Signature of Owner: **EDMUND A. ANDERSON**
Date: **DECEMBER 23, 1963**

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
CUMBERLAND APPRO.
EDMUND A. ANDERSON
SW Sec. 3-17-8
122086

State of Montana
County of Judith Basin
Filed for record this 23
day of Dec., 1965 at 2:50

G. T. C. B.
Delight Leslie, Ck. & Sec.

...
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: March 2, 1876  
Owner: Edmund A. Anderson  
Address: Raynepard Montana  
Contractor (if any): None  

Address of Contractor: Not Applicable  
Date Started: Not Applicable  
Date Completed: Not Applicable  

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

Spring 6 - Natural Flow  
Spring 8 - Natural Flow  
Spring 9 - Natural Flow  

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

Spring 6 - 10 gal. per minute with  
Spring 8 - 60 gal. per minute  
Spring 9 - 60 gal. per minute  
CONTINUOUS USE OF ALL SPRINGS FOR LIVESTOCK  

Signature of Owner: Edmund A. Anderson  
Date: December 23, 1963  

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
WATER APPROP.
EDWARD A. ANDERSON

Sec. 3-17-8

122987

State of Montana
County of Judith Basin
Filed for record this
23rd day of Dec. A.D. 1963
at 11:55 o'clock A.M.

Delight Leslie, Cty. A Rec.

by ____________________________

Fee $2.00 pa.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Sept. 15, 1902

Owner: Louis J. Anderson
Address: Raynaford, Mont.

Contractor (if any): None
Address of Contractor: Not applicable

Date Started: Not applicable
Date Completed: Not applicable

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

Spring 1 - Natural Flow
Spring 2 - Natural Flow
Spring 3 - Natural Flow

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

Spring 1 - ½ gal per minute, measured
Spring 2 - 3 gal per minute, with gallon
Spring 3 - 8 gal per minute, Collector
Continuous use of all springs for livestock

Signature of Owner: Louis J. Anderson
Date: December 23, 1963

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

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

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

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

Signature of Owner: Louis J. Anderson
Date: December 23, 1963

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

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

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

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

LOUIS J. AND RSON JR.

Sec. 5-17-8

122084

State of Montana
County of Judith Basin

Filed for record this
23 day of Dec., 1965 at 2:40
o'clock P.M.

Delight Leslie, Clerk and Rec.

By ___________________________

Fee $2.00 pa.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Allen J. Viscose, of Haynesford, County of Judith Basin, 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 0

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 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. 0

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. 1957

8. The depth of water table 20 feet from the 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. 20 feet deep and cased with 6 inch steel casing

10. The estimated amount of groundwater withdrawn each year. Not known

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

12. Such other information or 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. 0

Signature of Owner Allen J. Viscose

Date December 26, 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.
File No. '65

Allen J. Visocan

State of Montana
County of Judith Basin

Filed this 26th day of December A.D. 1964, at 1:25 P.M.

Fee $2.00. Paid.
Christina V. L. Hori

Date of Appropriation of Groundwater: 1939

Arthur and Lauree Hori
Owner
Address: Raynesford, Montana

Contractor (if any): developed them myself

Address of Contractor

Date Started: 1939
Date Completed: 1939

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

Spring is 8 ft in depth

with a wooden top on it.

Gravity feed for domestic use.

Spring is about 6 ft in depth with gravity feed. Shut-off on this one, and is not used unless the creek is dry. Both Springs flow into a-sauce below in the same land 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.

Spring flows about 2 gallons per minute

Spring flows about 1 gallon per minute.

No measurements taken. Intention of owner

to develop these Springs more in the future.

Signature of Owner: Arthur Hori

Date: Dec. 9th, 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.
SPRINGS
 File No. Sec. 4-17-6

State of Montana
County of Judith Basin

Filed this 7th day of Dec.
A. D. 1963 at 5 o'clock P.M.

[Signature]
County Clerk.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

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

Owner....... Max Van Yoast
Address....... Geyser, Montana
Driller......... Larry Jennings
Address....... Lewistown, Montana

Date of Notice of appropriation of groundwater..................<... .

Date well started. 10 - 3 - 71.

Date completed. 10 - 5 - 71

Rotary
Type of well Drilled............. Equipment used. DEEP WELL (Dug, driven, bored or drilled)

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

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

<table>
<thead>
<tr>
<th>Strata of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From</th>
<th>To</th>
<th>Kind of Casing</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top of Ground</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Elev. above sea level...          )</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>0 - 4</td>
<td>Brown sandy soil and gravel</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4 - 19</td>
<td>Layers of broken yellow sandstone and yellow shale</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>19 - 30</td>
<td>Gray silex and sandstone with black silt. Very broken.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>30 - 37</td>
<td>Soft coal and gray lime with shale layers</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>37 - 40</td>
<td>Brown lime shale layers</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>40 - 71</td>
<td>Gray-green shale</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>71 - 73</td>
<td>Light gray limey shale</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>73 - 105</td>
<td>Yellow Sandstone contains water.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>105</td>
<td>Bottom</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 shutoff)...

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

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature.
Max Van Toorn

WELL APROPRIATION

Sec. 5, T.17N., R.8E.
Lot 15, Blk.5, Original Raynaford

State of Montana
County of Judith Basin
Filed this 5th day of November 1971 A. D. at
4:00 P. M.
Delight Leslie, Co.Clerk
By/____________/ Deputy

Fees $22.00 paid
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 Court and Recorder in the county in which the well is located, last copy to be retained by driller.

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

Owner: __________________________
Address: __________________________

Date well started: ____________________
Date well completed: ____________________

Type of well: __________________________

Equipment used: __________________________

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

Describe: __________________________

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>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>9''</td>
<td>96'</td>
<td>91'</td>
<td>70'</td>
<td>10'' perforated</td>
</tr>
</tbody>
</table>

Static water level: 14 ft.
Pumping water level: 15 ft.
at 400 gallons per minute measured 2 minutes after pumping began.
*Measured from ground level.

Well developed by __________________________ for ____________________ hours.
Power: __________________________ HP
Pumps: __________________________
Remarks: (Gravel packing, cementing, packers, type of shutoff) __________________________

Town of Haynesford.

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

Driller's Signature: __________________________
Driller's Address: __________________________

LICENSE NO. 135

52 Show exact depth at bottom

50506
STATE OF MONTANA
County of Judith Basin

Filed for record this 31st day of May A.D. 1972 at
4:30 p.m.

[Signature]
Deputy
Co. Clk.

Fees: $2.00 pd
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Michals Garage

1. Name of Appropriator: Michals
   Address: 214 W.
   Town: Havre
   State of Montana

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:
   Oct. 10, 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   flows through pipe at 5 feet above ground

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   commenced Oct. 6, 1961 and finished Oct. 10, 1961

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:
   it has a four-inch pipe that flows over the top

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

11. The log of formations encountered in the drilling of each well if available:
   0 to 10 feet: Overburden and fill
   10 to 25 feet: gravel
   25 to 60 feet: Layers of decomposed sandstones and gray shale
   60 to 70 feet: Roun sandstone

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

   Cased with 4½ of 6-inch galv. pipe, cemented with 2-coke cement, mixture at 42 ft.

Signature of Owner: Michals

Date: Nov. 30, 1965

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 Judith Basin
Filed for record this 10th day of
Nov. A.D. 1965 at 11:30 o'clock
P.M.
Depl. Leslie, Clk. & Sec.
by /s/ [Signature] Dep
Notice of Completion of Groundwater Appropriation by Means of Well

State of Montana

Administrator of Groundwater Code Office of State Engineer

OCT 27, 1964

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: E. F. Anderson Address: Hamilton, Mont.

Driller: W. Thatcher Address: Stanford, Mont.

Date of Notice of Appropriation of Groundwater: Oct. 19-64 Date Completed: Oct. 24-64

Type of well: Drilled Equipment Used: Rotary

(Dug, driven, bored or drilled)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>2&quot;</td>
<td>0</td>
<td>90</td>
<td>20</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 20-50 feet.

Shut-in Pressure for Flowing Well: 15-20/100.

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

Discharge in gal. per min. of flowing well: 30-100 GPM.

How Tested: Unfiltered Length of Test: 110 minutes.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if used at well, and any other pertinent information, including number of acres irrigated, if used for irrigation) Pumped at 69/4/7

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

Show exact depth of bottom.

Driller's License Number

Driller's Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appraiser.
State of Montana
County of Judith Basin
Filed for record this 26th day of October, A.D. 1964 at 1:30 o'clock p.m.
Delight Leaile, Clerk and Rec.

by [Signature] [Title]

$2,00 pd
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner ____________________________
Address ____________________________

Date well started ________________
Completed ________________________

Type of well ________________________
(Dee, driven, bored or drilled)

Equipment used ________________________
(Chim drill, rotary or other)

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

*Describe ________________________________

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Number of Casing</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
</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 _______ HP Pump _______ Remark: (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. __________