V. G., Rights
ARTHUR W. ANDERSON
SuNn# Sec. 7-18-9
22745
State of Montana
County of Judith Basin
Filed for record this 6th day
of Feb., A.D. 1963 at 2:35 P.M.

Delight LestAd, Clerk and Rec.

by Betty Crusnaro

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

   STATE OF MONTANA
   ADMINISTRATOR OF GROUNDWATER CODE
   OFFICE OF STATE ENGINEER

   Declaration of Vested Groundwater Rights
   (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 The estimated amount of groundwater withdrawn each year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 records

   Signature of Owner

   Date

   NOTARY PUBLIC for the State of Montana.
   Reading at ________ on ___________ 19__
   My Commission for the County of ________ expires ________ 19__

   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.
Clarence Anderson
Sec. 8-18-9

State of Montana
County of Judith Basin
Filed for record this 31st day of Dec. A.D. 1963
at 5:22 o'clock P.M.
Deight Leslie, Clerk and R.o.

by

$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: 1935
Owner: George K. Lilligard and Elizabeth D. Lilligard
Address: Geyser, Montana
Contractor (if any): None
Address of Contractor: None
Date Started: Date Completed

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

Pipe leading from Spring to the house
and also used for irrigation

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

Flow of water from Spring: Approximately 400 gallons per hour

Signature of Owner: [Signature]

Date: January 2nd, 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.
STATE OF MONTANA  
COUNTY OF JUDITH BASIN  

Filed this 2nd day of Jan., A.D. 1962  
at 9:00 o'clock A.M.  
Delight Leslie  
County Recorder  

[Signature]  
Deputy

[Indexed]

118673

[Fee 25¢]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 227, Montana Session Laws, 1961)

1. Anna Mae Hill et al.
   (Name of Appropriator)  of Sayger
   (Address)  (Town)  Montana

   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 ........................................ domotic and stock

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been .................................... Oct. 10, 1957

   4. The amount of groundwater claimed (in men's inches or gallons per minute) .......................................................... 69 gal per min.

   5. If used for irrigation, give the acres 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 .......... Electric pump

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater .... Completed Oct. 10, 1957

   8. The depth of water table .......................................................... 11 ft to 25 ft varies during year

   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  Anna Mae Hill
   Date  Sept. 28, 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.
Declaradion of Vested Groundwater Rights.
SWMNW Sec. 13-13-9
ANNA NAE HILL

Filed this 31st day of Oct.
A. D. 1962 at 2:30 o'clock P.M.
sign
County Clerk

File $2.00 Paid.
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: Oct. 10, 1961
Owner: Mrs. Anna Mae Hill
Address: Great Falls

Contractor (if any): Fred Yoderian
Address of Contractor: Lewistown, Montana

Date Started: Oct. 9, 1961 Date Completed: Oct. 10, 1961

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

Emanated with backhoe & piped into tank, water depth 2 feet

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.

10 gallons per minute. Time how long it took to fill tank

Signature of Owner: Anna Mae Hill
Date: 10-21-61

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.
APPROPRIATION OF SPRING

SHERIFF WILL
11-23-9

Filed this 31st day of October
A.D. 19__ at 2:50 o'clock P.M.

County Clerk.
DECLARATION OF VESTED GROUNDWATER RIGHTS

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE OF MONTANA

(Under Chapter 237, Montana Session Laws, 1961)

1. CLARENCE O. ANDERSON 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 
   stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 
   June 7, 1961, and continuous thereafter.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 17 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
   Not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Well located as set forth to the left

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 
   Commenced 6/2/61; Completed 6/7/61

8. The depth of water table 
   55' small showing of water; 95' good flow 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
   Drilled well; 40 ft. of 6 in. Black iron casing; 150 ft. depth

10. The estimated amount of groundwater withdrawn each year 
    5,500,000 gallons

11. The log of formations encountered in the drilling of each well if available
   0'-40' Topsoil and gravel; 40'-70' Black and gray shale and some sandstone; 70'-100'
   Hard light colored rock; 100'-130' Hard brown rock-faulty; 130'-145'
   Hard black shale; 145'-150' Black shale and soft spots; 150' Hard brown rock.

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

Signature of Owner

Date

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.
Doc. No. 118850

DECLARATION OF VIOLATED GROUND-WATER RIGHTS

CLARENCE C. ANDERSON

NEVADA Sec. 16 T2S-32-9

STATE OF MONTANA

COUNTY OF JUDITH BAY

Filed this 30th day of January
A.D. 1962 at 8:10 o'clock A.M.

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

T. 18 N  R. 9 S  
County Judith Basin

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

State Engineer

<table>
<thead>
<tr>
<th>Section 16</th>
<th>State Lease</th>
</tr>
</thead>
</table>
| Owner      | Clarence O. Anderson  
Address     | Custer, Montana  
Driller     | Joe W. Aafedt  
Address     | 410 Fourth Avenue North  
Great Falls, Montana  
Date Started | June 2, 1961  
Date Completed | June 7, 1961  
Location:  
Sec. 16  
T. 18 N  R. 9 S |

Water Well Log

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Dug, driven, bored, or drilled)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Equipment used</th>
<th>Cable Tool</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Churn, drill, rotary, other)</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Industrial</th>
<th>Drainage</th>
<th>Other</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Casing: 0 ft. to 40&quot; 6' ft.</th>
<th>Type</th>
<th>Black Iron</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>6&quot;</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Perforated or Screened: Ft. None to ft.</th>
<th>Ft.</th>
<th>to ft.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
<th>None</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Static water level, for non-flowing well:</th>
<th>41'</th>
<th>feet.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
<th>12 lb./sq. in. on:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Pumping water level</th>
<th>41'</th>
<th>feet at</th>
<th>17 gal. per min.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
<th>Machine Bailer</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Length of test</th>
<th>7/8 hour</th>
</tr>
</thead>
</table>

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0'</td>
<td>40'</td>
<td></td>
<td>Topsoil and gravel</td>
</tr>
<tr>
<td>40'</td>
<td>55'</td>
<td></td>
<td>Black &amp; Grey shale, sandstone</td>
</tr>
<tr>
<td>55'</td>
<td>70'</td>
<td></td>
<td>Small showing of water</td>
</tr>
<tr>
<td>55'</td>
<td>70'</td>
<td>95'</td>
<td>Black &amp; grey shale, sandstone</td>
</tr>
<tr>
<td>70'</td>
<td>95'</td>
<td></td>
<td>Hard light colored rock</td>
</tr>
<tr>
<td>95'</td>
<td>100'</td>
<td></td>
<td>Good flow of water</td>
</tr>
<tr>
<td>95'</td>
<td>100'</td>
<td>130'</td>
<td>Hard light colored rock</td>
</tr>
<tr>
<td>100'</td>
<td>130'</td>
<td>145'</td>
<td>Hard brown rock (faulty)</td>
</tr>
<tr>
<td>130'</td>
<td>145'</td>
<td>150'</td>
<td>Black Shale (hard)</td>
</tr>
<tr>
<td>145'</td>
<td>150'</td>
<td></td>
<td>Black shale (some soft spots)</td>
</tr>
<tr>
<td>150'</td>
<td></td>
<td></td>
<td>Hard brown rock</td>
</tr>
</tbody>
</table>

Approx. 4400 ft
Surface Elevation

Log of Well
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:

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

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

OTARY PUBLIC

DECLARATION OF GROUNDWATER RIGHTS

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.
Clarence Anderson
Sec. 22 16-18-9

State of Montana
County of Judith Basin
Filed for record this 31st day of Dec. A.D. 1963
at 3:21 o'clock P.M.
Delight Leslie, Clk. & Rec.
by ______________________ Dep

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

**DEVELOPED AFTER JANUARY 1, 1962**

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

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>(Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-90 - Colorado Shale</td>
<td></td>
</tr>
</tbody>
</table>

90' - Bottom of Previously Drilled well - Small Amount of Water

New footage Drilled

90-94' - Hard Gray Sandy Limestone

94-96' - Gray shale, 96-107' Hard Broken Gray Limestone containing water

107' - Bottom.

---

**PERFORATION**

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>64'-10&quot; 0</td>
<td>85</td>
</tr>
<tr>
<td></td>
<td></td>
<td>New Casing</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>4'-15&quot; 81</td>
<td>107</td>
</tr>
</tbody>
</table>

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

**Shut-in Pressure for Flowing Well**...

**Pumping Water Level**...

**How Tested**...

**Length of Test**...

**Remarks**:

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

---

**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, 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

48359
State of Montana  
County of Judith Basin  
Filed for record this 5th day of August 1971 A.D. at 9:30 A.M.

Frank Bedoaky  
DRILLED WELL  
Sec. 17, T-18, R-9

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. Frank and Mary Bedosky
(Name of Appropriator)
of
Geyser
(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
   Wall #1 is used for Stock water
   Wall #2 is used for Domestic use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   1949 for both walls and used continuously since that time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   Both walls approximately 15 gallons per minute.

5. If used for irrigation, give the area and description of the lands to which water has been applied and name of the owner thereof
   Wall #2 is used to irrigate the yard and garden in the NW 1/4 Sec. 186

6. The means of withdrawing such water from the ground and the location of each well or means of withdrawal
   Wall #1 has an electric pump installed
   Wall #2 has an electric pump installed

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Commenced and completed in 1949.

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
   Both of these wells are drilled wells and both are approximately 60 ft. deep.
   Both wells have 6 inch casing installed.

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
    Drilled by W. L. Flood but logs are not available, Mr. Flood is deceased.

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

Signature of Owner

Date Jan. 2nd, 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.
File No. 214

2 Wells in
Sec. 17 Twp. 18, Rgs 9

FRAK AND MARY BEDOSKY

State of Montana
County of Judith Basin

Filed for Record this 2nd
day of January, A. D. 1963 at
2:30 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. 
  (Name of Appropriator)  of  (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.
Clarence Anderson

Sec. 17-18-9

State of Montana
County of Judith Basin
Filed for record this
31st day of Dec. A.D. 1963 at 3:20 P.M.
Delight Leslie, Clk & Rec.

by [Signature]

Fee $2.00 pd.
1. Arthur V. Anderson  
   (Name of Appropriator)  
   of  
   (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  
   Domestic use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:  
   Drilled in 1948 and is in continuous use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
   12 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:  
   No irrigation

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

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

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:  
   Drilled well—60 ft. in depth.  
   6 inch galv pipe 20 lbs per ft.  
   Perforations—Each from 10 to 22 ft. and 1/2 x 10 x 1/2
   Joints in casing—Threads and collar.

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 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: Arthur V. Anderson
   Date: Feb. 6th, 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.
Tested Groundwater Rights

ARThUR W. ANDERSON

NEVER Sec. 18-18-9

120747

State of Montana
County of Judith Basin

Filed for record this 6th day of
Feb. A.D. 1963 at 2:05 o'clock P.M.

Delight Leslie, Clerk and Rec.

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)

1. Arthur W. Anderson
   (Name of Appropriator)        .of.        .Owner.
   (Address)                    (Town)

County of Judith Basin

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
   Used for: stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   Drilled in 1960
   and used continuously since that time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   Approximately 10 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
   No Irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Electric Pump
   well located in Section 19.1R.9

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Started in 1960 and completed in 1960

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
   Drilled well - Drilled with a Rotary drill
   and is 110 feet in depth, 1½ in galvanized pipe installed.

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
    Log not available

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

Signature of Owner

Date: Feb. 6th, 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.
Vested Ground Water Rights
ARThUR W. ANDERSON
Sec. 19-18-9
120746
State of Montana
County of Judith Basin
Filed for record this 6th
Day of Feb, A.D. 1963 at 2:40
O'clock P.M.
Delight Leslie, Clark and Rec.
by Betty Austman, Dep.
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: June 22, 1959
Owner: Anna Mae Hill et al
Address: Great Falls, Montana
Contractor (if any): Fred Yoder
Address of Contractor: Lewistown, Montana
Date Started: June 21, 1959
Date Completed: June 22, 1959

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

Excavated with backhoe & piped into tanks 3 feet at to 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:

9 gallons per minute, timed how long it took to fill tank

Signature of Owner: Anna Mae Hill
Date: Oct. 31, 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.
120244

APPROPRIATION OF SPRING

ANNA MAE MILL

Subjct: Sec. 23-18-9

Filed this 31st day of Oct.
A.D. 1962 at 3:00 o'clock P.M.

County Clerk.

Fee $2.00 Paid.
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: July 28, 1961
Owner: Anna Mae Hill et al. Address: Geyser
Contractor (if any): Fred Yoder, Lewistown, Montana
Date Started: July 27, 1961 Date Completed: July 28, 1961

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable... excavated with backhoe and piped into tank. Water depth: four feet

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

If gallons per minute, time how long it took to fill tank

Signature of Owner: Anna Mae Hill
Date: Oct. 31, 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.
120245

APPROPRIATION OF SPRING

ANNA MAR HILL

SHEREO 23-3.7-9

Filed this 31st day of
October, A. D. 1968 at
3:05 P.M.

[Signature]

County Clerk.

Fee $2.00 Paid.
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: July 26, 1961

Owner: Anna Mae Hill et al.
Address: Geyser

Contractor (if any): Fred Xanderiga
Address of Contractor: Lewistown, Montana

Date Started: July 26, 1961
Date Completed: July 27, 1962

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

- Irrigated with backhoes & piped into tank
  - Water depth: 3 feet

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.

- 2 gallons per minute, timed how long it took to fill tank

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

Signature of Owner: Anna Mae Hill
Date: Oct. 21, 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.
120241

APPROPRIATION OF SPRING

AREA HAS HILL

DUE - Sec. 27-38 -9

Filed the 31st day of Oct.
A.D. 1902 at 10:45 o'clock
P.M.

[Signature]

County Clerk.
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 ... July 14, 1962
Owner Anna Mae Hill et al. Address Ogwen
Contractor (if any) Fred Youdarlan Address of Contractor Lewistown, Montana
Date Started July 13, 1962 Date Completed July 14, 1962
Describe means of obtaining groundwater without a well “as by sub-irrigation and other natural processes”. Include depth to water when applicable

... excavated with backhoe & piped into tank
... about four feet to 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

... 1/2 gal per minute, timed how long it took to fill tank

Signature of Owner Anna Mae Hill
Date Oct. 31, 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.
APPROPRIATION OF SPRING
ANNA MAY HILL

Filed this 31st day of Oct.
A. D. 1902 at 2:30 o'clock.
P. M.
Fees $2.00

[Signature]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: July 15, 1962
Owner: Anna Mae Hill et al
Address: Gaynor
Contractor (if any): Fred Youdarian
Address of Contractor: Lewistown, Montana
Date Started: July 15, 1962
Date Completed: July 15, 1962

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

Excavated with backhoe & piped into tank
5 feet to 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:

approximately 1 gallon per minute, timed
how long it took to fill tank

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.

Signature of Owner: Anna Mae Hill
Date: Oct. 31, 1962

The form is to be prepared by the contractor, if applicable, otherwise by the owner. Three copies are to be filed with the County Clerk and Recorder of the county in which the works are located. Please answer all questions, and if not applicable, state so. Otherwise, the form will be returned.
120243

APPROPRIATION OF MINING
AREA NO. 301
S.B.B. Sec. 28-15-9

Filed this 31st day of October
A.D. 1942 at 2:30 o'clock P.M.

Fee $5.00 Paid
Declaration of Vested Groundwater Rights
(Under Chapter 207, Montana Session Laws, 1961)

1. ELWIN SHIFFIELD  of JEFFERSON

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: WATER FOR LIVESTOCK IRRIGATION

3. Date or approximate date of earliest beneficial use: and how continuous the use has been: W 2-1-63, NATURAL SPRING WELL, COMPLETED 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 4,365 GPM

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: 3 ACRES

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 1. PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 4-1-61

8. The depth of water table: #1. 4, #2. 3, #3. SURFACE, #4. 6 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: DUMP, 1/4 PIPE

10. The estimated amount of groundwater withdrawn each year: 75,000 GAL

11. The log of formations encountered in the drilling of each well if available: R. 43072005 - 1. 53072006 - 1. 75,000 GAL

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: ELWIN SHIFFIELD
Date: DEC 7 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 Quaduplicate for the Appropriate.
ELWIN JAKEMAN
Geyser, Montana

State of Montana
County of Judith Basin
Filed for record this 8th day of Dec., 1965 at 10:00 o'clock A.M.

Delight Leslie, Clk. & Rec.
by Betty Anderson, Dep.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Andy Halko (Name of Appropriator)
   of Great Falls, Montana (Address)
   County of Judith Basin (Town)
   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 domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   - June 6, 1918

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   - 1900 gal per hr.

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
   - Lean and garden

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   - April 22, 1948 and finished June 6, 1948

8. The depth of water table
   - 35 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
   - 695 feet deep the water comes up by its own pressure to about 100 ft. of surface then pumped the rest of the way

10. The estimated amount of groundwater withdrawn each year
    - Never calculated

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

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: May 29, 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.
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  

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

County of Judith Basin, State of Montana  

1. Andy Halco  
   (Name of Appropriator)  
   107 North Ave. So.  
   (Address)  
   Great Falls, Montana  
   (Town)  

2. The beneficial use on which the claim is based  
   Stock water and domestic  

3. Date or approximate date of earlier beneficial use; and how continuous the use has been  
   June 6, 1948  

4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
   1,900 Gal per hr.  

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
   April 22, 1948 and finished June 6, 1948  

8. The depth of water table  
   35 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  
   660 feet deep the water comes up by its own pressure to about 100 ft. of surface then pumped the rest of the way  

10. The estimated amount of groundwater withdrawn each year  
    never calculated  

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

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

   Signature of Owner  
   Signature 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 School of Mines and quadruplicate for the Appropriator.
Water well Log

10 - 10 Yellow Clay
11 to 150 Blue shell
150 to 199 Blue shale
199 to 200 water (120 gal per hr.)
200 to 213 Blue Shale
213 to 217 Shell
217 to 230 Blue Shale
230 to 249 Light red shale
249 to 269 Dark red shale
269 to 275 Blue shale
275 to 308 Red shale
308 to 333 Blue shale
333 to 345 Red shale
345 to 353 Blue shale
353 to 358 Red shale
358 to 363 Red shale
363 to 368 Blue shale
368 to 378 Red shale
378 to 387 Blue shale
387 to 390 Red shale
390 to 401 Red sand rock
401 to 427 Red shale
427 to 441 Blue shale
441 to 465 Shell
465 to 470 Red shale
470 to 482 Shell
482 to 486 Blue shale
486 to 491 Shell red and grey
491 to 493 White line
493 to 523 Lime grey and sandy
523 to 542 Red shale
542 to 555 Sand grey hard and sharp
555 to 560 Red sand
560 to 570 Red sandy shale
570 to 580 Red shale
580 to 590 Grey lime
590 to 601 Black basalt
601 to 653 Grey lime
653 to 695 Black basalt
Judith Basin County, Montana

OFFICE OF CLERK AND RECORDER

STATE ENGINEER

Helena, Montana

June 8, 1962

Dear Sir:

The location on the Declaration of Vested Groundwater Rights for Andy Halko, Reception Book #119436 from Judith Basin County is wrong. It should read NW¼ Section 30 T. 18, R. 9. We have changed our record and would you please change the one we mailed to you. Also sending a copy of this letter to the School of Mines at Butte. Thank you.

Yours truly,

[Signature]

Betty Creekmore

STATE ENGINEER
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)

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

1. The beneficial use on which the claim is based: A-2 - 3 - A.

2. Date or approximate date of earliest beneficial use, and how continuous the use has been: Purchased Farm, 1947.

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 1000 gal. per min. EACH.

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: 50 acres.

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 3. Hand pump.

6. The estimated amount of groundwater withdrawn each year: 200,000 gal. for 1962.

7. The log of formations encountered in the drilling of each well if available: Log unavailable.

8. The depth of water table: 15 ft.

9. 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: 4th Section, T. 14 N., R. 87 E.

Signature of Owner: FRANCES X. COLARCHUK
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 Appropriator.
WATER WELL

FRANCES J. COLASCHIK
Raynesford, Montana
Sec. 31-18-9

State of Montana
County of Judith Basin
Filed for record this 28th day of Oct. A.D. 1965 at 8:05 o'clock A.M.

Delight Leslie, Clk. & Rec.

by Betty Cruikshank, Dep.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

ELWIN SAALFELD

(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:

1. Water.

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 works of withdrawal.

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

8. The depth of water table.

9. So far as it may be available, the type, size and depth of each well or 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 or similar record.

Signature of Owner:

Date: 6-7-1965

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 9th day of Dec., 1965 at 10:00 o'clock A.M.

Delight Leslie, Clk. & Rec.
by Betty (signature)
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

ELWIN SAALFELD of GEISKER
(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: WATER FOR LIVESTOCK

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1-1-1936
   2-3-1936 4-5-1936 NATURE SPRINGS

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1,2,4,8,16,32,64,128
   256,512,1024,2048,4096

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

8. The depth of water table: 1-2-3-4-5-6 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: 1 1 PIPE

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: Dec 7, 1966

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; Quadruplicate for the Appropriator.
State of Montana
County of Judith Basin
Filed for record this 8th day of Nov. /s/I, 1965 at 10:10 o'clock AM

Delight L. L. L. (1 & H. N.)

by Betty L. L. L. (1 & H. N.)

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Alfred, George</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Alfred Ranch</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Alfred George</td>
<td></td>
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</tr>
<tr>
<td>4</td>
<td>Meyer, Kenneth Jr.</td>
<td></td>
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<tr>
<td>5</td>
<td>Karsjek, Ethel 2</td>
<td></td>
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<td>6</td>
<td>Karsjek, Ethel</td>
<td></td>
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<td>7</td>
<td>Anderson, Earle</td>
<td></td>
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<td>9</td>
<td>Anderson, Earle</td>
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Form No. 15 8-60

<table>
<thead>
<tr>
<th>T.</th>
<th>R.</th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>10</td>
</tr>
</tbody>
</table>

County: Judith Basin

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>George Kind</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Owner, Montana</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Joe Wm. Auffant</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Great Falls, Montana</td>
</tr>
</tbody>
</table>

Date Started: Sept. 27, 1961  Date Completed: Oct. 2, 1961

Location: Sec. 1  T. 18  R. 10  § sec. 8ESE

Type of well: Dug  Equipment used: Cable Tool

Water use: Domestic  Municipal  Stock  Irrigation

Industrial  Drainage

Other

Casing: 0 ft. to 60 ft. Type: Iron  Size: 6 3/8

Casing: 60 ft. to 150 ft. Type: Perforated

Casing: 150 ft. to 55 ft. Type: Perforated

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

Type of screen or perforations

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

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

Pumping water level: 550 feet at 1 gal. per min.

How tested: Pumping

Length of test: 1 hr.

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 to 18</td>
<td>Gravel</td>
</tr>
<tr>
<td>18 to 28</td>
<td>Yellow clay</td>
</tr>
<tr>
<td>28 to 40</td>
<td>Gray slate and water</td>
</tr>
<tr>
<td>40 to 67</td>
<td>Gray slate and gravel and water</td>
</tr>
</tbody>
</table>

Filed this 28th day of December, 1961 W.W. Log #85
Form No. 18  
S-60

T. 18 R. 10

County Judith Basin

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

STATE ENGINEER

<table>
<thead>
<tr>
<th>Owner</th>
<th>George Klind</th>
<th>Address</th>
<th>Garnet, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Joe V. Aafedt</td>
<td>Address</td>
<td>Great Falls, Montana</td>
</tr>
</tbody>
</table>

Date Started Oct. 2, 1961  
Date Completed Oct. 5, 1961

Location: Sec. 1 T. 18 R. 10 1/4 sec. 59

Type of well Drilled  
Equipment used Cable tool

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

Casing: 0 ft. to 86 ft.  Type Black Iron  Size 6 5/8
Casing: 86 ft. to 70 ft.  Type Perforated  Size
Casing: 70 ft. to 86 ft.  Type Perforated  Size

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

Type of screen or perforations

Static Water level, for non-flowing well: 43 feet.

Shut-in pressure, for flowing well: 1 lb./sq. in. on: (data)

Pumping water level 16 feet at 40 gpm.

How tested: bailer

Length of test 1 hr.

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>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td>18</td>
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<td>19</td>
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<tr>
<td>19</td>
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<td>70</td>
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<tr>
<td>75</td>
<td>80</td>
</tr>
<tr>
<td>80</td>
<td>86</td>
</tr>
<tr>
<td>86</td>
<td></td>
</tr>
</tbody>
</table>

Filed this 28th day of Dec., 1961 W.W. Log #86.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

State of Montana
Administrator of Groundwater Code
Office of State Engineer

1. Kind Ranch
   (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:
      #1 = Domestic
      #2 = Stock Water
      #3 = Spring Water

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
      Well #2 = Oct. 2, 1932
      Wall #3 = Oct. 2, 1932
      #4 = Developed Spring

   4. The amount of groundwater claimed (in miner's inches or gallons per minute):
      #2 = 5 or 6 Gallons per minute
      #3 = Approx. 50 gallons
      and Spring #4 = 7 gallons per minute

   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:
      Well No. 1 = SW 1/4 of Sec. 1-18-10 (No Irrigation)
      Well No. 2 = SW 1/4 of Sec. 1-18-10
      #4 = Swatson
      Wall #3 = SW 1/4 of Sec. 1-18-10
      Irrigation Area in Town of Sweet Home

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
      #1 = By
      Jet Pump = #2 - Submersion pump #3 - Submersion pump
      #4 = Gravity flow

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
      #2 = Completed July 27, 1961
      #3 = Started Sept. 27, 1961 and completed Oct. 2, 1961
      #4 = Cable tool drilled

   8. The depth of water table

   9. So far as may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
      #2 = 75 ft in depth with 3 ft of water
      placed in cement, plastering 60 ft in depth- Black Iron casing size 5 1/2 in, perforated 60 to 65 and 75 to 751/2, in depth. Black iron from 6 1/2 ft casing, perforated 65 to 70 and 75 to 751/2. #3 = 25 ft deep, 5 Foot diameter and 6 feet in depth
      100 foot pipe installed to stock tank.

   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
        No logs available for spring. Other logs on back.

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

   Signature of Owner: ____________________
   Secretary: ____________________
   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 School of Mines and Quadruplicate for the Appropriator.
#1 — Band Dog 1936
17 Feet Yellow Surface Clay & Gravel
9 Feet Coarse Gravel
10 Feet Blue Shale
3 Feet Diameter of hole
Case is a cement plastered on Yellow Surface Clay and Gravel and no coarse gravel. The Blue Shale has no plastering or cement or casing. Eight feet of water in well at all times.

#2 — 0 to 15' — Gravel
15' to 25' — Yellow Clay
25' to 40' — Gray Shale
40' to 67' — Gray Shale
67' to 70' — Gravel (Water)

#3 — 0 to 3' — Top Soil
3 to 15' — Gravel & Clay
15' to 18' — Gray Shale
18' to 20' — Small Water
20' to 70' — Gray Shale
70' to 75' — Gravel (Water)
75' to 80' — Gray Shale
80' to 86' — Gravel (Water)

State of Montana
County of Judith Basin
Filed this 6th day of Sept.
A. D. 1962 at 2:00 o'clock P.M.

County Clerk,

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

STATE ENGINEER

1. **Klondike Ranch**
   - 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. **Stock water**

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   - January 1, 1961
   - January 1, 1952

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   - 1/2 gallon per minute
   - 200 gallons per hour

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   - Started Oct. 5, 1951
   - Completed Oct. 9, 1951

   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
   - Drilled well with
   - Depth: 100 ft
   - casing: 12 in
   - depth: 78 ft O.D.

   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
   - See reverse side

   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:**
   - Klondike Ranch, A Montana Corporation
   - Date: Sept. 4th, 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.
#249

2 wells in SE 34th
of Sec. 2-18-10.

KLIND KNECHT

State of Montana
County of Judith Basin

Filing this 4th day of Sept.
A.D. 1963 at 2:10 o'clock P.M.

County Clerk.

Fee $2.00 Paid.

#1

0 to 3'— Top Soil
3' to 12' Gravel & Bolders
12' to 23' Grey Shale
23' to 25' Gravel & Bolders
25' to 60' Grey Shale
60' to 61' small water
61' to 60' Grey Shale
61' to 75' small water
60' to 75' Grey Shale
75' to 80' Gravel (Water)
80' to 100' (Ravenclay Shale
(Dug by Joe Hoekstra Aamoldt)
Perforated 6' to 10'!

#2— 0 to 30' Yellow surface clay & Gravel
30 to 138 Blue Shale
138 to 180 Black Basalt—Hard
180 to 220 Shale
220 to 306 Blue Shale
306 to 370 Grey Sandstone
370 to 506 Blue Shale

Dug by E. L. Flood,
section 5 points of casing, perforated
**WATER WELL LOG**

**Owner:** George Kline  
**Address:** Great Falls, Mont.

**Driller:** Joe W. Arnold  
**Address:** 1110 1st Ave. North, Great Falls, Montana

**Date Started:** Oct. 5, 1961  
**Date Completed:** Oct. 9, 1961

**Location:** Sec. 2 T. 18 R. 10 S

---

**Type of well** Drilled  
**Equipment used** Cable Tools

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

**Industrial [ ]  Drainage [ ]  Other [ ]

**Casing:** 6 to 100 ft.  
Type: Black Iron  
Size: 6 5/8" O.K.

**Casing:** 60 to 100 ft.  
Type:  
Size:

**Perforated or Screened:** 60 to 100 ft.  
Type:  
Size:

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

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

**Pumping water level 95 ft. feet at 1/2 gal. per min.**

**How tested:** Baier

**Length of test:** 1 ft.

**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>3'</td>
<td>Top Soil</td>
</tr>
<tr>
<td>16'</td>
<td>Gravel &amp; Boulder</td>
</tr>
<tr>
<td>21'</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>25'</td>
<td>Gravel &amp; Boulders</td>
</tr>
<tr>
<td>40'</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>41'</td>
<td>Small Water</td>
</tr>
<tr>
<td>60'</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>61'</td>
<td>small water</td>
</tr>
<tr>
<td>75'</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>80'</td>
<td>Gravel (water)</td>
</tr>
<tr>
<td>100'</td>
<td>Gray Shale</td>
</tr>
</tbody>
</table>

Filed for record this 28th, day of December 1951 W.M., Log 887
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Kenneth E. Meyer
   (Name of Appropriator)
   Judith Basin
   (Town)
   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
   
   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      1960 and used continuously since that time.
   
   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
      5 gallons per minute
   
   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
      No Irrigation
   
   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
      Flowing Spring
   
   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      Started in 1960 and completed that year.
   
   8. The depth of water table
      3 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.
      Entrance into a collection box in the orifice of the spring and piped into a tank.
   
   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
       No Log.
   
   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
       reference to book and page of any county record.
   
       Signature of Owner
       Kenneth E. Meyer
       Date    July 11th, 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.
File No. 241

KENNETH B. HAYNE

MW-JW- Sec. 17-18-10

State of Montana
County of Judith Basin

Filed this 11th day of July A.D. 1969 at 9:30 a.m. A.M.

County Clerk.

Fee $2.00 paid.