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: Since 1961
Owner: David J. McKinley
Address: Payson, Montana
Contractor (if any): J. Paul
Address of Contractor: Moccas
Date Started: May 15, 1961
Date Completed: May 31, 1961

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

- Developed springs, wells, pumps, and tanks: 10,705 cu. yds.
- Artesian and artesian springs: 594 cu. yds.

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

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

Signature of Owner: David McKinley
Date: 12-53-65

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriator.
FILE NO. 616

David J. McKay

SW/NE Sec. 20-17-9

State of Montana

County of Judith Basin

Filed for record this

31st day of Dec. A.D. 1963

at 3:59 P.M.

DeJ. F. Leslie

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)

STATE ENGINEER

1. Arthur and Regina Becka
   (Name of Appropriator)
   State of Montana
   R. R. Geyser
   (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: livestock and irrigating

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: over 20 years, and continuous since this time:

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

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:
   wheat and grazing land, approximately 100 acres; owner as above:

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: does not apply

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:

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: not known

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

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

Signature of Owner

Date December 30, 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.
Arthur and Regina
Backs

State of Montana
County of Judith Basin

Filed this 31st
day of December A.D.
1965 at 2:16 o'clock
A.M.

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. Donald and Helen McDillister
   (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 water

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      June 1962
      ________________________________
      summer pasture

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
      ________________________________
      10 gal plus 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
      ________________________________
      windmill

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      Feb. 3, 1962
      Feb. 11, 1962

   8. The depth of water table
      ________________________________
      18 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
      ________________________________
      1" casing to 160 feet, remainder 2" casing, 315 feet deep

   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
       ________________________________
       9 to 38 overburden; gravel, red shale 107 to 150 and sandy shale & hard sandstone
       38 to 52 hard sandstone
       50 to 72 shale with sandstone layers 154 to 170 and sandstone & shale layers
       72 to 107 hard sandstone
       ________________________________
       154 to 168 hard sandstone
       160 to 172 hard sandstone
       ________________
       218 to 215, red to hard sandstone

   12. Such other information of a similar nature as may be necessary for fully complying with the policy of this act, including reference to book and page of any county record
       ________________________________
       193 to 210 hard sandstone

   Signature of Owner: Donald McDillister
   Date: Jan. 8, 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
Donald Neillister

KHSBM Sec. 26-27-9
120631

State of Montana
County of Judith Basin
Filed for record this
8th day of Jan., 1963 at
1:10 o'clock P.M.
Delight Leslie, Clerk & Req.

by _______________________ Dep.

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. Donald and Helen McAllister  
   (Name of Appropriator)  
   of  
   (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  
   House supply  

3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
   June 1951  

4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
   11 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  
   electric pump  

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
   Dec. 15, 1950  
   Jan. 3, 1951  

8. The depth of water table  
   20 feet  

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
   total depth 91 feet with 7" 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  
    0 to 15 feet gravel and red shale  
    15 to 85 feet sandstone rock  
    85 to 91 feet red shale  
    65 to 91 feet gray lime  

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  
Donald McAllister  
Date  
Jan. 8, 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.
I. Dec. Or. Rights
Donald Neallister

IMSLHE Sec. 26-27-9
120690

State of Wyoming
County of Judith Basin
Filed for record this 8th day of
Jan., 1963 at 1:05 o'clock P.M.
Delight Leslie, Clerk & Rec.

by __________________________

Fee $2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

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

Owner: Henry Kanzler
Address: Missoula, Mont.

Driller: O.C. Thielmeier
Address: Stanford, Mont.

Date of Notice of Appropriation of Groundwater: March 20, 1963

Date well started: March 20, 1963
Date completed: March 20, 1963

Type of well: Drilled
Equipment Used: Rotary

Water Use: Domestic

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which 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>Penetrations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>5 5/8</td>
<td>6</td>
<td>129</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 20 feet.
Shut-in Pressure for Flowing Well: N.A.
Pumping Water Level: 80 feet at 6 gal. per minute.
Discharge in gal. per min. of flowing well: N.A.
How Tested: Compressor
Length of Test: 1 hr.

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

Driller's License Number: 86
Driller's Signature: [Signature]

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

Show exact depth of bottom.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
Wall 258

Henry Karjala

121722A

State of Montana
County of Judith Basin
Filed for record this
28th day of Oct. A.D. 1963
at 11:10 o'clock A.M.

Delight Leslie, Clk. & Sec.
by Betty Christman, Dep.
$2.00 pl.
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: Walter S. Thisted
   Address: 1127 Fourth Avenue N., Great Falls
   Town: Cascade
   State: Montana

2. The beneficial use on which the claim is based: Human and animal consumption, and domestic irrigation.

3. Date or approximate date of earliest beneficial use: May 1952

4. The amount of groundwater claimed (in miner's inches or gallons per minute): No. 1 30 gpm, No. 2 40 gpm, No. 3 50 gpm.

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:
   Domestic garden plot 1/4 acre.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Pumped wells as located on Section diagram.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   Well No. 1 completed May 1942, Well No. 2 completed May 1957, Well No. 3 completed May 1957.

8. The depth of water table:
   Well No. 1 260 high 273 low, Well No. 2 165 high 211 low, Well No. 3 50 high 60 low.

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. 1 273' of 4-1/2 OD casing, 2" ID outlet, Well No. 2 211' of 4-1/2 OD casing, 2" ID outlet, Well No. 3 60' of 6-3/8 OD casing, 2" ID outlet.

10. The estimated amount of groundwater withdrawn each year: 2,250,000 gal.

11. The log of formations encountered in the drilling of each well if available:
   Well No. 1 probably same as...
   Well No. 2 which follows to...
   Well No. 3 to...

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:
   Well Drill Reports for Wells No. 2 & 3 of Williams.
   E. Colquitt, Driller.

Signature of Owner: Walter S. Thisted
Date: Dec. 30, 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.
REVEALED OR UNREVEALED RIGHTS

WALTER C. THISTED

Sec. 28-17-9

State of Montana
County of Judith Basin
Filed for record this 31st day of Jan. 1963
at 10:00 o'clock A.M.

Delight Leslie, Clerk & Rec.

by__________ 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: Jan. 1973
Owner: [Name]
Address: [Address]
Contractor (if any) ____________________________
Address of Contractor ____________________________
Date Started: ____________________________ Date Completed: ____________________________

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

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

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

Signature of Owner: ____________________________ Date: ____________________________

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

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

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

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

Filed for record this 29th day of June A.D. 1973 at 4:10 p.m.

Delight Leslie, Co.Clk

D. Douglas Carroll, Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Date of Appropriation of Groundwater
Owner/Contractor
Address: 
Contractor (if any)
Address of Contractor
Date Started
Date Completed
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

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

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

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA
County of Judith Basin
Filed for record this 29th
day of June A.D. 1973 at
3:55 p.m.

Delight Leslie Co.Clk

[Signature]
Deputy
<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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<td>J. W. White</td>
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<td>35</td>
<td>J. H. Brown</td>
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</tr>
</tbody>
</table>
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: Earl Bausto
Address: Oyser, Montana

Driller: Larry Jennings
Address: Lewistown, Montana

Date of Notice of appropriation of groundwater
Date well started: 9 - 23 - 71
Date completed: 9 - 25 - 71

Type of well: Drilled
Equipment used: Rotary
(Disp. 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>Shale strata</th>
<th>Depth (Feet)</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 2</td>
<td>Some gravel in yellow clay</td>
<td></td>
</tr>
<tr>
<td>2 - 44</td>
<td>Sandy yellow shale</td>
<td></td>
</tr>
<tr>
<td>44 - 73</td>
<td>Blue-black shale and bentonite</td>
<td></td>
</tr>
<tr>
<td>73 - 101</td>
<td>Light gray lime and gray sandy layers, some gypsum, contains water</td>
<td></td>
</tr>
<tr>
<td>101 - 108</td>
<td>Bentonite</td>
<td></td>
</tr>
<tr>
<td>108 - 200</td>
<td>Gray-black shale, occasional hard layers</td>
<td></td>
</tr>
<tr>
<td>200 - 210</td>
<td>Bentonite</td>
<td></td>
</tr>
<tr>
<td>210 - 245</td>
<td>Black shale and sandy layers, contains water</td>
<td></td>
</tr>
<tr>
<td>245 - 300</td>
<td>Sandstone, Dark gray, contains water</td>
<td></td>
</tr>
<tr>
<td>300</td>
<td>Bottom</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 39 feet
Shut-in Pressure for Flowing Well: 10 gal. per minute

Discharge in gal. per min. of flowing well

How Tested: 10 hour

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

(Continue on reverse side)

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

Driller's License Number

Driller's Signature

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.
Drilled Well -
Earl Rautio
W06/185/1 Sec. 1, T.17, Rg.10

State of Montana
County of Judith Basin
Filed for record this 22nd
November 1971 A.D. at 11:30 A.M.
Delight Leslie, County Clerk
By: Delia Anderson, Deputy

Fee: $200.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237. Montana Session Laws. 1661)

1. Sigurd E. Anderson and Simea J. 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
   Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1940 and is in use during the summer months...

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 17 gallons

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... Pump with gas motor installed...

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 12 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... Bag well= 20 to 25 ft in depth.

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...

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 Dec. 20th, 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 GROUNDWORK RIGHTS
S1 U3D R. AMHERST

RVRV Sec. 3-17-10

122065

State of Montana
County of Judith Basin
Filed for record this 20th day of Dec., 1963 at 2:29 o'clock P.M.
Delight Lee L., Clerk & Rec.

By ______________________ Dep.

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

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

1. Leo or Hazel Hatteck of Geyser
   (Name of Appropriator) (Address) (Town)
   County of Judith Basin of Montanna
   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) 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:

   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 School of Mines and quadruplicate for the Appropriator.
Reception Book No. 122:09

Leop and Hazel Petersch
50-40 Sec. 5-17-10

State of Montana
County of Judith Basin

Filed this 16th day of December A. D. 1965 at 11:00 A.M.

County Clerk.

Fee $2.00 paid.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Lawrence & Edith Dickson
Address: Geyser, Montana

Driller: O. C. Thatcher
Address: Stanford, Montana

Date Started: July 20, 1958
Date Completed: August 6, 1958

Location: Sec 5 T 17 R 10 W

Type of well: Drilled
Equipment used: rotary

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

Casing:
- ft. to 329 ft. Type Galv. Pipe Size 2"
- ft. to ft. Type Size
- ft. to ft. Type Size

Perforated or Screened: Ft. 40 to Ft. 55 to Ft.

Type of screen or perforations: out slits

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

Shut-in pressure, for flowing well: 30 lb. sq. in. on: October 16, 1958 (date)

Pumping water level: _______ feet at 5 to 8 gal. per min.

How tested: 5 gal. bucket
Length of test: 1 min.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
- Cemented in. Depth of shut-off is 6 ft.

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Overburden</td>
</tr>
<tr>
<td>15</td>
<td>Layers of blue sandy Shale and Sandstone</td>
</tr>
<tr>
<td>175</td>
<td>Red Shale</td>
</tr>
<tr>
<td>293</td>
<td>Layers of Sandstone and Red Shale</td>
</tr>
<tr>
<td>310</td>
<td>Medium Hard Sandstone</td>
</tr>
<tr>
<td>325</td>
<td>Soft Sandstone (Water)</td>
</tr>
<tr>
<td>329</td>
<td>Hard Sandstone</td>
</tr>
</tbody>
</table>
**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner: Judith Basin County</th>
<th>Address: Stanford, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller: C. B. Singlety</td>
<td>Address: Lewistown, Mont.</td>
</tr>
<tr>
<td>Date Started: August, 1934</td>
<td>Date Completed: Oct. 1934</td>
</tr>
<tr>
<td>Location: Sec. 6 T. 17 R 10 2/4 sec. 3 &amp; Corner</td>
<td></td>
</tr>
</tbody>
</table>

**Type of well:** Drilled

**Equipment used:** Rotary

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

**Casing:**

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 110 ft.</th>
<th>Type: Galvanized 5&quot;</th>
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</thead>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>110 ft. to 510 ft.</th>
<th>Type: 6&quot;</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>510 ft. to 1000 ft.</th>
<th>Type:</th>
</tr>
</thead>
</table>

**Perforated or Screened:**

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Ft. 1000 to Ft. 200 to Ft. 510 Ft. to Ft.</th>
</tr>
</thead>
</table>

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

**Shut-in pressure, for flowing well:** 65 lb./sq. in. on: Oct. 1934

**Pumping water level, Artesian:** feet at 250 to 300 gal. per min.

**How tested:**

**Length of test:**

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

- **Cement packing:** Valve Shut-off, 6 ft. down.

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>28</td>
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<tr>
<td>28</td>
<td>54</td>
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<td>137</td>
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<tr>
<td>493</td>
<td>496</td>
</tr>
<tr>
<td>496</td>
<td>500</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

GEYSER ARTESIAN WATERWORKS ASSOCIATION

1. Name of Appropriator: Geyser
   Address: of Geyser
   Town: Geyser
   County: 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
   
   3. Date or approximate date of earliest beneficial use and how continuous has been used:
      - Started August 1934
      - Completed Oct. 1934
      - Remodeled and drilled to 180 feet in September 1953

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 250 to 300 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:

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
      - Flowing well - No pump

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
      - Started in Aug. 1934
      - Drilled to 110 feet in Sept. 1953

   8. The depth of water table: Not known

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
      - Well is 110 ft. in depth
      - Casing to 410 galvanized 5" pipe
      - 410 ft. to 610 galvanized 5" casing
      - Cement packing - Valve Shut-off - 6 feet down

   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

   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:
      - This well was previously filed under a Water Well Log as File No. 44 under Judith Basin County. This well and lots has now been deed to the Geyser Artesian Waterworks Association.

   Signature of Owner:

   Date: Nov. 19, 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.
LOG OF WELL

Drilled 1914 by
C. J. Jingley-Leviatown, Mont.

<table>
<thead>
<tr>
<th>Depth</th>
<th>Note</th>
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<tbody>
<tr>
<td>0</td>
<td>Drift</td>
</tr>
<tr>
<td>28</td>
<td>Gumbo Chalk</td>
</tr>
<tr>
<td>54</td>
<td>Hard Black Chalk</td>
</tr>
<tr>
<td>70</td>
<td>Hard Grey Chalk</td>
</tr>
<tr>
<td>137</td>
<td>Hard Red Chalk</td>
</tr>
<tr>
<td>142</td>
<td>Hard Light Green Chalk</td>
</tr>
<tr>
<td>165</td>
<td>Hard &amp; Sticky Green Chalk</td>
</tr>
<tr>
<td>169</td>
<td>Hard &amp; Sticky Grey Chalk</td>
</tr>
<tr>
<td>217</td>
<td>Grey Chalk</td>
</tr>
<tr>
<td>230</td>
<td>Soft Brown Chalk</td>
</tr>
<tr>
<td>232</td>
<td>Soft Brown Chalk</td>
</tr>
<tr>
<td>242</td>
<td>Red Chalk</td>
</tr>
<tr>
<td>268</td>
<td>Red Chalk</td>
</tr>
<tr>
<td>272</td>
<td>Red Chalk</td>
</tr>
<tr>
<td>272</td>
<td>Green Chalk</td>
</tr>
<tr>
<td>290</td>
<td>Soft Red &amp; Grey Chalk</td>
</tr>
<tr>
<td>295</td>
<td>Soft Red &amp; Grey Chalk</td>
</tr>
<tr>
<td>307</td>
<td>Grey Chalk</td>
</tr>
<tr>
<td>314</td>
<td>Red Chalk</td>
</tr>
<tr>
<td>318</td>
<td>Hard Red Rock</td>
</tr>
<tr>
<td>320</td>
<td>Buff &amp; Grey Chalk</td>
</tr>
<tr>
<td>343</td>
<td>Hard White Rock</td>
</tr>
<tr>
<td>348</td>
<td>Hard White Rock</td>
</tr>
<tr>
<td>360</td>
<td>Hard Grey Lime</td>
</tr>
<tr>
<td>360</td>
<td>Water 10' of surface</td>
</tr>
<tr>
<td>380</td>
<td>Hard Green Shale &amp; Grey Sandstone</td>
</tr>
</tbody>
</table>
| 410   | Grey Sandstone—flowing water about 15 g. m.
| 420   | Hard Green Shale |
| 436   | Hard Green Shale |
| 440   | Grey Chalk |
| 450   | Grey Chalk |
| 450   | White Limestone-arter increased to 45 g. m. |
| 450   | Hard conglomerate-water increased to 80 at 100 g. m. |
| 460   | Black Course-Grained Sand |
| 490   | Hard Brown Sandy Chalk |
| 490   | Hard Green Shale |
| 493   | Hard Green Shale |
| 500   | Very Hard Grey rock—estimated flow to 500 g. m. |

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. John J. Anderson, of Geyser

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: July 1, 1950 first appropriated and used continuously since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 52 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Not used for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Floating well (No pump)

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Started in July, 1950 and completed that year.

8. The depth of water table: Not known

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Not known

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 water table)

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: No information available

Signature of Owner: John J. Anderson
Date: January 3rd, 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.
<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Formation</th>
<th>Description</th>
<th>Rate (gph)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 10</td>
<td>Small</td>
<td>Surface Clay &amp; Gravel</td>
<td>200 gph</td>
</tr>
<tr>
<td>10 - 20</td>
<td>Blue Shale</td>
<td></td>
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</tr>
<tr>
<td>20 - 30</td>
<td>Small</td>
<td></td>
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</tr>
<tr>
<td>30 - 40</td>
<td>Black Shale</td>
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<tr>
<td>40 - 50</td>
<td>Blue Shale</td>
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<tr>
<td>50 - 60</td>
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<td>60 - 70</td>
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<td>90 - 100</td>
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<td>210 - 220</td>
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<td>220 - 230</td>
<td>Red Shale</td>
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<td></td>
</tr>
<tr>
<td>230 - 240</td>
<td>Blue Shale (Light)</td>
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</tr>
<tr>
<td>240 - 250</td>
<td>Blue Shale (Very Light)</td>
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</tr>
<tr>
<td>250 - 260</td>
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<td></td>
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<td>260 - 270</td>
<td>Blue Shale</td>
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<td>Red Shale</td>
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</tr>
<tr>
<td>280 - 290</td>
<td>Blue Shale</td>
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<tr>
<td>290 - 300</td>
<td>Red Shale</td>
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<td>300 - 310</td>
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<tr>
<td>310 - 320</td>
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<td>320 - 330</td>
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<td>330 - 340</td>
<td>Red Shale</td>
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<td>340 - 350</td>
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<td>370 - 380</td>
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<tr>
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<tr>
<td>500 - 510</td>
<td>Blue Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>510 - 520</td>
<td>Red Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>520 - 530</td>
<td>Blue Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>530 - 540</td>
<td>Red Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>540 - 550</td>
<td>Blue Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>550 - 560</td>
<td>Red Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>560 - 570</td>
<td>Blue Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>570 - 580</td>
<td>Red Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>580 - 590</td>
<td>Blue Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>590 - 600</td>
<td>Red Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>600 - 610</td>
<td>Blue Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>610 - 620</td>
<td>Red Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>620 - 630</td>
<td>Blue Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>630 - 640</td>
<td>Red Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>640 - 650</td>
<td>Blue Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>650 - 660</td>
<td>Red Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>660 - 670</td>
<td>Blue Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>670 - 680</td>
<td>Red Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>680 - 690</td>
<td>Blue Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>690 - 700</td>
<td>Red Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>700 - 710</td>
<td>Blue Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>710 - 720</td>
<td>Red Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>720 - 730</td>
<td>Blue Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>730 - 740</td>
<td>Red Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>740 - 750</td>
<td>Blue Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>750 - 760</td>
<td>Red Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>760 - 770</td>
<td>Blue Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>770 - 780</td>
<td>Red Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>780 - 790</td>
<td>Blue Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>790 - 800</td>
<td>Red Shale</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Anna Williams
   (Name of Appropriator)  
   of  
   Dayser
   (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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
   Well drilled in October 1956 and was drilled by O. C. Thatcher of Stanford, Montana, used year around.

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

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 well, no 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 October 1956 and completed that year.

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  
   Well is 236 ft. in depth, and 2" casing installed for 236 ft., shut-off 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  
    No log 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: Anna Williams
Date: Nov. 14th, 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.
#263

Vested Groundwater Rights

Anna Williams

SW 1/4 SW 1/4 Sec 23 T17N R70E
7/17/10

State of Montana
County of Judith Basin
Filed for record this
14th day of Nov. A.D. 1963
at 11:00 o'clock A.M.
Delight Leslie, Clk. & Rec.
by Betty Christman Dep.

$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 25, 1973

Owner: Sab a Harlow
Address: Deyar, Mont

Contractor (if any): 
Address of Contractor: 
Date Started: Dec 16, 1972
Date Completed: Jan 11, 1973

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

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

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

Signature of Owner: Sab a Harlow
Date: June 28, 1973

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana
Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA
County of Judith Basin
Filed for record this 28th day of
June A.D. 1973 at 10:35 a.m.

Delight Leslie Co. Clerk

Deputy
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 28, 1973
Owner: Dale Harlow; Address: St. Ignace, Montana
Contractor (if any) ..........................................................
Address of Contractor ....................................................
Date Started: 1/10/72; Date Completed: 7/1/1973

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

- Backfill dry ditch and lay pipe with gravel 13 pipe full
- 2 suctions for irrigation
- 300 gal. per minute

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: ............................................

Swatch use on NO Rotation Basis.

Signature of Owner: Dale D. Harlow
Date: June 28, 1973

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.
MARLOW, GALE A.

WATER APPROPRIATION

NE/SE NW/4 Sec. 10, Twp 17, R 10
NE/SE NW/4 Sec. 10, Twp 17, R 10

STATE OF MONTANA
County of Judith Basin

Filed for record this 28th day of
June A.D. 1973 at 10:30 a.m.

Delight Leslie Co. Clerk

Deputy
STATE WATER CONSERVATION BOARD

JUN 1 1966

QUADRUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Owner: Ed Ankla Address: Ceyser, Montana
Driller: George de Sainley Address: Lewistown, Montana

Date of Notice of appropriation of groundwater: None
Date well started: April 10, 1966 Date completed: April 12, 1966

Type of well: Drilled Equipment used: Rotary
(Dig, Driven, bored or drilled) (Chim drill, rotary or other)
Water use: Domestic □ Municipal □ Stock □ Irrigation □
Industrial □ Drainage □ Other □

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>P</th>
<th>T</th>
<th>PERFORATIONS</th>
</tr>
</thead>
</table>
| 7-1/4"               | 6-5/8" OD 6-5/8" ID 11/2" N.L. | 0 | 27 | Static Water Level for non-flowing well 6 feet. Shut-in Pressure for flowing well. Pumping Water Level at 10 gal. per minute. Discharge in gal. per min. of flowing well 0. How Tested. Bailer and Pump. Length of Test 1 hr. Remarks: Gravel packing, cementing, packers, type of shutoff. Use: irrigation, industrial, drainage, or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition.)

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

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

Driller's License Number

Driller's Signature
Edward Antilla
Geyser, Montana

State of Montana
County of Judith Basin
Filed this 25th day of
May A.D. 1966 at 2:00 o'clock
P.M.
Delight Leslie, Clk. & R.o.

by [Signature] Dep
Notice of Completion of Groundwater Appropriation by Means of a Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Owner</th>
<th>Highway Corr.</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Montana</td>
<td>Highway Corr.</td>
<td>Address</td>
</tr>
</tbody>
</table>

Date of Notice of Appropriation of groundwater: February 25, 1965

Date Well started: February 9, 1965

Date completed: February 10, 1965

Type of Well: Drilled

Equipment used: **Churn drill**

(Churn, Driven, bored or drilled)

Water use: Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Dr.inge □ Other □

Rent Area water supply: 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>6” ID</td>
<td>6-5/8” OD Steel, 18.89 lbs. per foot</td>
<td>0.0’</td>
<td>57.0’</td>
<td>NONE</td>
</tr>
</tbody>
</table>

*Recommend pump be set at 50 ft.*

Static Water Level for non-flowing well: 32.0 feet.

Shut-in Pressure for Flowing Well: __ feet

Pumping Water Level: __ feet

Discharge in gal. per min. of flowing well: __ gal. per minute.

How Tested: **pumped**

Length of Test: 2-1/2 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off) **Surfaced to Form**

**gravel peaks**

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).

**WATER ANALYSIS**

<table>
<thead>
<tr>
<th>Parameter</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>pH</strong></td>
<td>8.1</td>
</tr>
<tr>
<td><strong>Moles of CO₂</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Carbonates</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Total hardness</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Total alkalinity</strong></td>
<td>7,052 p.p.m. of CaCO₃</td>
</tr>
</tbody>
</table>

None required.

Driller’s Signature: James E. Johnson

Driller’s License Number: 3799
State of Montana
County of Judith Basin
Filed for record this 4th day of March A.D. 1965 at 10:30 o'clock A.M.

Delight Leslie, Clk. & Rec.

[Signature]
WATER WELL LOG

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Artesian Well</th>
<th>Equipment used</th>
<th>Rotary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use</td>
<td>Domestic [x]</td>
<td>Municipal [ ]</td>
<td>Stock [x]</td>
</tr>
<tr>
<td>Casing:</td>
<td>0 ft. to 10 ft.</td>
<td>Type Galvanized</td>
<td>Size 2&quot;</td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Ft. 0 to Ft. 10</td>
<td>Ft. 10 to Ft. 10</td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>100 ft</td>
<td>feet</td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>18 lb/sq. in. on: Aug. 15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pumping water level feet at 18 gal. per min.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>How tested:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td>Have a cemented well six ft. deep with a 2&quot; shut off valve 5' deep in the well</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(over)</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
## Log of Well

<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>39</td>
<td>Overburden</td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>115</td>
<td>Blue Shale</td>
<td></td>
</tr>
<tr>
<td>115</td>
<td>155</td>
<td>Grey shale</td>
<td></td>
</tr>
<tr>
<td>155</td>
<td>298</td>
<td>Red shale</td>
<td></td>
</tr>
<tr>
<td>298</td>
<td>325</td>
<td>Alternating layers of sandstone &amp; shale</td>
<td></td>
</tr>
<tr>
<td>325</td>
<td>333</td>
<td>Same as above</td>
<td></td>
</tr>
<tr>
<td>333</td>
<td>382</td>
<td>Sandstone with layers of hard sand</td>
<td></td>
</tr>
<tr>
<td>382</td>
<td>387</td>
<td>Shale sandstone</td>
<td></td>
</tr>
<tr>
<td>387</td>
<td>402</td>
<td>Shale sandstone</td>
<td></td>
</tr>
<tr>
<td>402</td>
<td>418</td>
<td>Hard sandstone</td>
<td></td>
</tr>
<tr>
<td>418</td>
<td>422</td>
<td>Soft talc limestone</td>
<td></td>
</tr>
<tr>
<td>422</td>
<td>440</td>
<td>Soft granular soft salt and pepper sandstone</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Produces about 18 gal. water per min.</td>
<td></td>
</tr>
<tr>
<td>440</td>
<td>442</td>
<td>Red shale</td>
<td></td>
</tr>
</tbody>
</table>

Filed Dec. 19, 1961 Water Well #81
## WATER WELL LOG

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>John A. Antle</td>
</tr>
<tr>
<td>Address</td>
<td>Butte, Montana</td>
</tr>
<tr>
<td>Driller</td>
<td>D. C. Doolshor</td>
</tr>
<tr>
<td>Address</td>
<td>Stanford, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>April 15, 1966</td>
</tr>
<tr>
<td>Date Completed</td>
<td>April 20, 1966</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 16, T. 17, R. 10</td>
</tr>
<tr>
<td>Type of well</td>
<td>Artesian</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Rotary</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic</td>
</tr>
<tr>
<td>Casing:</td>
<td>0 ft. to 200 ft.</td>
</tr>
<tr>
<td>Casing:</td>
<td>Type Galvanized</td>
</tr>
<tr>
<td>Casing:</td>
<td>Size 2&quot;</td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Ft. to Ft.</td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>Feets</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>40 lb./sq. in. on Spot. 10, 1966</td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>Feet at 10 gal. per min.</td>
</tr>
<tr>
<td>How tested</td>
<td></td>
</tr>
<tr>
<td>Length of test</td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
<tr>
<td></td>
<td>Have a cemented well six ft. deep with a 2&quot; shut off valve 5' deep in the well.</td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 30</td>
<td>Marls</td>
</tr>
<tr>
<td>32 - 115</td>
<td>Clay shale</td>
</tr>
<tr>
<td>115 - 155</td>
<td>Clay shale</td>
</tr>
<tr>
<td>155 - 293</td>
<td>Red shale</td>
</tr>
<tr>
<td>293 - 325</td>
<td>Alternating layers of sandstone / shale</td>
</tr>
<tr>
<td>325 - 333</td>
<td>Same as above</td>
</tr>
<tr>
<td>333 - 340</td>
<td>Sandstone with layers of hard sand</td>
</tr>
</tbody>
</table>

Filed December 19, 1961 Water Well Log 782
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

**Anna Williams**  
(Name of Appropriator)

**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:

<table>
<thead>
<tr>
<th><strong>Section</strong></th>
<th><strong>Township</strong></th>
<th><strong>Range</strong></th>
<th><strong>Legal Description</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>18</td>
<td>17</td>
<td>10</td>
<td></td>
</tr>
</tbody>
</table>

1. **SW^1/4**  

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
   - Drilled in 1948 by O. C. Thatcher and has been in continuous use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
   - 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  
   - Flowing well—No 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 that year

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  
   - Well is 114 feet in depth  
   - 1" casing installed to 114 ft.  
   - Shoemakers installed. No shutoff installed  
   - But this is not a hard flowing well and is in constant use

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 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: **Anna Williams**  
Date: **Nov. 14th, 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.
#262

Vested Groundwater Rights
Anna Williams

SW 1/4 SE 1/4 SE 1/4 SW 1/4
State of Montana 121823
County of Judith Basin
Filed for record this 11th
day of Nov. 1963 at 11:00
o'clock A.M.
Dated Leslie, Clerk & 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)

<table>
<thead>
<tr>
<th>Evans Bros</th>
<th>Stanford</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Name of Appropriator)</td>
<td>(Address)</td>
</tr>
</tbody>
</table>

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. The beneficial use on which the claim is based
   - Domestic
   - Livestock

2. Date or approximate date of earliest beneficial use; and how continuous the use has been
   - 1947
   - Since this time

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

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
   - Acreage: NA
   - Description: NA
   - Name of Owner: NA

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

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   - 1947

7. The depth of water table
   - NA

8. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   - This is an artesian well 140 ft deep with sump casing

9. The estimated amount of groundwater withdrawn each year
   - 192,000 gallons

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

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

Signature of Owner: Evans
Date: Dec 21, 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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Ben Rustari and Jon Geyser
(Name of Appropriator) (Address) (Town)
County of Judith Basin State of Montana

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

2. The beneficial use on which the claim is based
   #1-- Stock Water #2-- Domestic use and stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   #1-- Livestock in continuous use since that time. #2-- Water for the house, drilled around 1946.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) #1-- 1 gallon per minute own field
   #2-- 3 gallons per minute own flow.

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:
   No Irrigation on garden by well #2--

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   #1-- Hand pump installed with windmill but not in use because of own flow-- #2-- No pump installed flowing well.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   #1 well started in 1943 and completed in 1946.

8. The depth of water table:
   #1 70 ft. #2 110 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 withdrawal of groundwater:
   #1 well-- Depth 70 ft. 4" casing installed. Shut-off installed. #2 well-- Depth 110 ft. 4" casing installed. Shut-off installed. #1 well drilled by Ray Brown--St. Falls-- #2-- well-- drilled by G. C. Thatcher.

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.

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: Nov. 26th, 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 Groundwater Rights
Ben Brutari & Jon
Sec. 20-17-10

122038

State of Montana
County of Judith Basin
Filed for record this 10th
day of Dec., A.D. 1965 at 2:05
o'clock P.M.

by

Dep.

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)

STATE ENGINEER

JAN 15 1964

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Tripli- ciate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Robert J. Evans et ux
Sec. 22-17-10

State of Montana
County of Judith Basin
Filed for record this
31st day of Dec. A.D. 1965
at 3:25 o'clock P.M.
Delight Leslie, Clerk & 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)

W. F. Lee & Sons

1. Name of Appropriator: W. F. Lee & Sons
   Address: Stanford
   Town: (Address)
   State of Montana
   County of Judith Basin

2. The beneficial use on which the claim is based: house, livestock, garden

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: August 1952

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 6 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: garden

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: August 1952, cased with 2" galv. pipe

8. The depth of water table: about 400 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: 260 feet deep cased with 2" galv. pipe, perforated 6 ft. slots last 50 feet, packed 66% with cement

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

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

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: unknown

W. F. Lee & Sons
Signature of Owner: [Signature]
Date: Dec. 23, 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.
<table>
<thead>
<tr>
<th>Depth Interval</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 18 feet</td>
<td>Overburden</td>
</tr>
<tr>
<td>15 - 200</td>
<td>Blue Shale</td>
</tr>
<tr>
<td>200 - 355</td>
<td>Grey shale</td>
</tr>
<tr>
<td>355 - 380</td>
<td>Layers green sandstone &amp; grey shale</td>
</tr>
<tr>
<td>380 - 800</td>
<td>Grey shale</td>
</tr>
<tr>
<td>800 - 850</td>
<td>Red shale</td>
</tr>
<tr>
<td>600 - 617</td>
<td>Hard sandstone</td>
</tr>
<tr>
<td>617 - 650</td>
<td>Layers hard shale and sandstone</td>
</tr>
<tr>
<td>650 - 680</td>
<td>Hard sandstone</td>
</tr>
<tr>
<td>690 - 750</td>
<td>Layers hard shale and sandstone</td>
</tr>
<tr>
<td>750 - 800</td>
<td>Sandy red shale</td>
</tr>
<tr>
<td>790 - 850</td>
<td>Hard sandstone</td>
</tr>
<tr>
<td>850 - 870</td>
<td>Soft sandstone</td>
</tr>
<tr>
<td>870 - 878</td>
<td>Hard sandstone</td>
</tr>
<tr>
<td>878 - 920</td>
<td>Soft coarse sandstone (water)</td>
</tr>
<tr>
<td>930 - 920</td>
<td>Hard sandstone</td>
</tr>
</tbody>
</table>

Date: 26-17-20

M. F. LEE AND SONS

State of Illinois
County of Jo Daviess

Filed for record this 23rd
day of Dec., A.D. 1920 at 11:05

[Signature]

Notary Public

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

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

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

4. The amount of groundwater claimed (in men's inches or gallons per minute): [Amount]

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: [Acreage]

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

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

8. The depth of water table: [Depth]

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: [Specifications]

10. The estimated amount of groundwater withdrawn each year: [Amount]

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

Signature of Owner: [Signature]

Date: [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.
<table>
<thead>
<tr>
<th>Depth Range</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 30 feet</td>
<td>Overburden</td>
</tr>
<tr>
<td>30 - 70</td>
<td>Gray shale</td>
</tr>
<tr>
<td>70 - 220</td>
<td>Red shale</td>
</tr>
<tr>
<td>220 - 300</td>
<td>Layers hard shale and sandstone</td>
</tr>
<tr>
<td>300 - 321</td>
<td>Hard sandstone</td>
</tr>
<tr>
<td>321 - 330</td>
<td>Soft Sandstone (Water)</td>
</tr>
</tbody>
</table>
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Charles R. Oja
   (Name of Appropriator)
   of
   (Address)
   (Town)  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 and for stock water

3. Date or approximate date of earliest beneficial use; and how continuously it has been used: This well was originally drilled in 1931 and was deepened in 1956. It has been used continuously since 1931.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 50 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: It has been used for a half acre in size, near the well site.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Artesian with two-inch casing

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: The well was originally drilled in 1931 and was deepened in October of 1956.

8. The depth of water table: Ground water is available at approximately 25 feet and the artesian flow came at about 320 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: It is 320 feet deep and is capped with two-inch galvanized pipe. I also have a pipeline of three-quarter inch, 3150 feet long running into the NE Quarter of Sec 28, T17N, Rang 10E.

10. The estimated amount of groundwater withdrawn each year: 2,600,000 gallons

11. The log of formations encountered in the drilling of each well if available: The log is not available but the water comes out of the Kootenai Formation.

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 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.
STATE OF OKLAHOMA
County of Jewett Basin
Filed for record this 31st day of Dec., 1963, at 10:30 o'clock A.M.
Delight Leslie, C.R. A. Sec.
by ____________________________ Dep.
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. Ben Huotari and Son
   (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:

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

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

2. The beneficial use on which the claim is based: 1 = Stock Water, 2 = Stock Water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1 = Drilled a. prox. 1945 and 2 = Approximately 1951 and are in continuous use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1 = Pump well = 20 gallons per minute, 2 = Flowing well = 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: Water flows down in pasture when trough is full on 2 well.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 1 = Hand pump with windmill installed, 2 = Flowing well.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1 = Started 1945 and completed that year and drilled by Eloy Brown of Ot. Falls, 2 = Well started and completed 1951 and O. C. Thatcher.

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: 1 well 50 ft. in depth, 6" casing installed, 2 well 600 ft. in depth, flowing well with 3" 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: 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: None.

Signature of Owner: Ben Huotari

Date: Dec. 19, 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 School of Mines and Quadruplicate for the Appropiator.
Fereted Groundwater Rights

Ben Imotari and Son

Sec. 29-17-10

122037

State of Montana
County of Judith Basin
Filed for record this 18th
day of Dec. A.D. 1965 at 2:00
o'clock P.M.

Delight Leslie, Clerk and Re

By

Fees $2.00