### Groundwater Index

**County:** McCone  
**Twp.:** 27N  
**Rge.:** 41E

<table>
<thead>
<tr>
<th>Soc.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>Stagg Kerger</td>
<td>CA 24 H</td>
<td>187242</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td></td>
<td></td>
<td>187240</td>
<td></td>
</tr>
</tbody>
</table>
DECLARATION OF VESTED GROUNDWATER RIGHTS

1. **Kennon Stapp**, of Box 222, Glasgow
   (Name of Appropriator) 
   (Address) 
   (Town) 

   County of **Valley**, State of **Montana**

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

   2. The beneficial use on which the claim is based: 
      - Livestock water and irrigation

   3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 
      - **1907** - continuous

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 
      - 3. 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: 
      - 1 ac., immediately adjacent to well as shown on plat

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 
      - Well located on plat

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 
      - **1907**

   8. The depth of water table: 
      - 22 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: 
      - 6" cased well 30' deep

   10. The estimated amount of groundwater withdrawn each year: 
       - 200 thousand gallons

   11. The log of formations encountered in the drilling of each well if available: 
       - none

   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: [Signature]

   Date: **Dec. 29, 1963**

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
127242

Water Well Loc. 483

Kennon Stomp

TO

The Public

State Of Montana

County of McCona)

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of December, 1963, A. D.,
at 9:26 A. M.

[Signature]
County Clerk

Fee: $2.00
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. Kennon Stapp, of Box 929, Glasgow, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Livestock water & irrigation.

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

<table>
<thead>
<tr>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1905</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 GPM</td>
</tr>
</tbody>
</table>

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:  

<table>
<thead>
<tr>
<th>Parameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 acres, Box 929, Glasgow, Montana</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Parameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seepage well, 30' deep</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1905</td>
</tr>
</tbody>
</table>

8. The depth of water table:  

<table>
<thead>
<tr>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>24 ft</td>
</tr>
</tbody>
</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:  

<table>
<thead>
<tr>
<th>Parameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Seepage well, 30' deep</td>
</tr>
</tbody>
</table>

10. The estimated amount of groundwater withdrawn each year:  

<table>
<thead>
<tr>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>500 thousand cubic feet</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Parameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not available</td>
</tr>
</tbody>
</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:  

<table>
<thead>
<tr>
<th>Parameter</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
</tr>
</tbody>
</table>

Signature of Owner:  

Kennon Stapp  

Date: Nov. 27, 1963  

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Doc. No. 127240

Water Well Log # 481

Kennon Stapp

TO

The Public

State of Montana

County of Missoula

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of December, 1963, A. D.,
at 8:26 A. M.

[Signature]
County Clerk

Fee: $2.00
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>33</td>
<td>Bureau of Land Mgm.</td>
<td>GWP</td>
<td>1311547</td>
<td></td>
</tr>
</tbody>
</table>
STATE WATER CONSERVATION BUREAU

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: Bureau of Land Management
Address: Miles City, Montana

Driller: Michael Brown
Address: Miles City, Montana

Date of Notice of appropriation of groundwater:

Date well started:

Type of well:

Equipment used:

Water use:

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

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested

Length of Test

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

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

[Date]

[Signature]
131547

Water Well Log #640

State of Montana
County of McCone

Office of Clerk and Recorder.

Filed this 2nd day of June, A.D. 1966
at 9:10 o'clock A.M.

[Signature]
Clerk and Recorder

By: Alicia W. Nelson
Deputy

Fee: $2.00
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>21</td>
<td>Howard Albert</td>
<td>G/2</td>
<td>18226</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Appelgren Alvin</td>
<td>well log</td>
<td>12345</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Hagstrom Baidne</td>
<td>T.</td>
<td>12345</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Wilkinson Bruce F.</td>
<td>G/WH</td>
<td>12345</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Major John</td>
<td>well log</td>
<td>12345</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Wilkinson Bruce F.</td>
<td>G/WH</td>
<td>12345</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Purdy Eliza B.</td>
<td>H</td>
<td>12345</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 217 Montana Session Laws, 1961, as amended)

Owner: [Address]
Driller: [Address]

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

Type of well: [Type]
Equipment used: [Equipment]
Water use: [Use]

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>Depth of Drilled Hole (FT)</th>
<th>Rise and Weight of Catling (FT)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well [Depth] feet.
Shut-in Pressure for Flowing Well [Pressure] psi.
Pumping Water Level [Depth] feet at [Rate] gal. per minute.
Discharge in gal. per min. of flowing well [Rate] gal.
Length of Test [Time] day.
Remarks: (Gravel packing, cementing, packers, type of shutoff) [Remarks]

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

Show exact depth of bottom.

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

File No.: [File No.]
County: [County]

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 note, otherwise the form will be returned.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1988
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: Albert Howard
Address: circle, Montana

Driller: Daniel J. Happeney
Address: Ramsey, Montana

Date of Notice of appropriation of groundwater: Jan. 25, 1972
Date well started: Nov. 25; Date completed: Mar. 18, 1972

Type of well drilled: [Blank]
Equipment used: [Blank]
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.

[Diagram and table showing data on well construction]

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, twice 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
139026
WATER WELL LOG FILE #704

State of Montana
County of McCone
Office of Clerk and Recorder.
Filed this____13th________day of
________December,________ A.D. 19__73
at____4:15________o'clock____P.m.

Maria L. Brennan
Clerk and Recorder
By________Mary L. Hensley
Deputy
Fes. $2.00
**Montana Bureau of Mines and Geology**

**Water Well Log**

**State Engineer**

**Owner:** A. V. Appelgren  
**Address:** Wolf Point, Montana

**Driller:** A. V. Appelgren  
**Address:**

**Date Started:** Sept. 1st 1954  
**Date Completed:** Sept. 1st 1954

**Location:** Sec. 27 T. 47 R. 27

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Sand Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment used</td>
<td>Sand point driver</td>
</tr>
</tbody>
</table>

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

**Casing:**  
- None ft. to ft.  
- Type  
- Size

**Perforated or screened:**  
- Ft. to ft.  
- Ft. to ft.

**Type of screen or perforations:**

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

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

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

**How tested:** with pump

**Length of test:** several days

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

(over)
<table>
<thead>
<tr>
<th>Depth (feet)</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>All sand</td>
</tr>
<tr>
<td>36</td>
<td></td>
</tr>
</tbody>
</table>

**DOC. NO.**

**123345**

**WATER WELL LOG FILE NO. 93**

*State of Montana*
*County of McCone*
*Office of Clerk and Recorder.*

Filed this 28th day of December, A.D. 1961 at 21:04 o'clock P.M.

*Signature of Clerk and Recorder*

*Fee: Done*
**WATER WELL LOG**

**Owner:** Franklin Hedges Tree Address: Wolf Point.

**Driller**

**Date Started:** July 17, 1958 **Date Completed:** Aug 9, 1958

**Location:** Sec. 23 T. 27 R. 47 E ½ sec. SW ¼ SW ¼

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Drilled, bored, or drilled</td>
</tr>
</tbody>
</table>

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

**Casing:**
- 0 ft. to 18 ft. Type Well Screen Size: 22" Partial
- 0 ft. to __ ft. Type __ Size __
- __ ft. to __ ft. Type __ Size __

**Perforated or Screened:**
- Ft. 1/8 to Ft. 6/16, Ft. __ 22"

**Type of screen or perforations:**
- Slotted Concrete

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

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

**Pumping water level:** 55' feet at __ gal. per min.

**How tested:** __

**Length of test:** __

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

---

**Remarks:** (over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0' - 6'</td>
<td>Top Soil</td>
</tr>
<tr>
<td>6' - 14'</td>
<td>Sand &amp; Clay</td>
</tr>
<tr>
<td>14' - 24'</td>
<td>Clay</td>
</tr>
<tr>
<td>24' - 32'</td>
<td>Sandy Clay</td>
</tr>
<tr>
<td>32' - 54'</td>
<td>Sand &amp; Gravel &amp; Chay Soil</td>
</tr>
<tr>
<td>54' - 64'</td>
<td>Sand &amp; Gravel</td>
</tr>
<tr>
<td>64'</td>
<td>Total Depth = 64'</td>
</tr>
</tbody>
</table>

**Doc. No.:** 123235

**WATER WELL LOG FILE NO. 61**

- **State of Montana:**
- **County of Missoula:**
- **Filed in:** 12th day of December, A.D. 1961
- **Filed at:** 12:35 O'clock

**Notary:**

**Fee:** $5.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Bruce F. Wilkinson of Box 26, Wida
    County of McCone State of Montana
    have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

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

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: none

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

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

8. The depth of water table: 10 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: 3 inches; 18 feet

10. The estimated amount of groundwater withdrawn each year: 525,600 gallons

11. The log of formations encountered in the drilling of each well if available: none

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: on the place one year.

Signature of Owner: Bruce F. Wilkinson
Date: December 31, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of Well</td>
<td>drilling Equipment Used</td>
<td>Dug, driven, bored or drilled</td>
</tr>
<tr>
<td>Water use:</td>
<td>Domestic</td>
<td>Municipal</td>
</tr>
<tr>
<td></td>
<td>Industrial</td>
<td>Drainage</td>
</tr>
<tr>
<td>Casing:</td>
<td>12 ft. to 100 ft.</td>
<td>Type:</td>
</tr>
<tr>
<td>Casing:</td>
<td>100 ft. to 200 ft.</td>
<td>Type:</td>
</tr>
<tr>
<td>Casing:</td>
<td>200 ft. to 300 ft.</td>
<td>Type:</td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>10 ft. to 100 ft.</td>
<td>Type:</td>
</tr>
<tr>
<td>Type of Screen or Perforations:</td>
<td>3 ft. to 4 ft.</td>
<td></td>
</tr>
<tr>
<td>Static Water Level, for non-flowing well:</td>
<td>0 feet</td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>50 lb. / sq. in.</td>
<td></td>
</tr>
<tr>
<td>Pumping water level: 30 ft.</td>
<td>10 gal. per min.</td>
<td></td>
</tr>
<tr>
<td>How tested:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td>(Gravel-packing, cementing, packages, type of shut-off, depth of shut-off)</td>
<td></td>
</tr>
</tbody>
</table>

(over)
### Log of Water Well Log # 134

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>123390</td>
<td>Water Well Log # 134</td>
</tr>
</tbody>
</table>

- State: Minnesota
- County: McCook
- Office of Clerk and Recorder
- Volume: 29th
- December 24th, A.D. 1961
- Fee: None

Signed: Clerk and Recorder
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights JAN 16 1964
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Bruce F. Wilkinson
   (Name of Appropriator)
   (Address)
   (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: watering cattle

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Unknown: 6 mo. per year

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1 Gallon per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: None

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

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

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: 3 Inches: 18 Feet

10. The estimated amount of groundwater withdrawn each year: 172,000 gallons

11. The log of formations encountered in the drilling of each well if available: None

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: On the place one year

Signature of Owner

Date: December 31, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Edna B. Purdy                     of  Wolf Point
   (Name of Appropriator) (Address)

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

2. The beneficial use on which the claim is based: Livestock and domestic purposes

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: Approx. 1910 - used continuously since 1910

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 100 gals. 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: By pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Completed during year 1910

8. The depth of water table: Estimated - 15-20 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: Well approx. 20-23 feet in depth - usual type of domestic and livestock well

10. The estimated amount of groundwater withdrawn each year: Estimated - 50,000 gal.

11. The log of formations encountered in the drilling of each well if available: None 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: Edna B. Purdy
Date: October 9, 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.
126590
Water Well Log 7 240
District Valuation
City of El Cerrito
Office of Clerk and Recorder.
Received this 14th day of October A.D. 1963
at 12:05 o'clock P.M.
By:
Dept.
1 cc. 82.06
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>14</td>
<td>De Witt Floyd, Bartholomew</td>
<td>GW N</td>
<td>12712</td>
<td></td>
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<tr>
<td>20</td>
<td>Applegren, A.K.</td>
<td>WEL Log</td>
<td>122334</td>
<td></td>
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<tr>
<td>20</td>
<td></td>
<td></td>
<td>128747</td>
<td></td>
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<td>22</td>
<td></td>
<td></td>
<td>123248</td>
<td></td>
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<tr>
<td>23</td>
<td>De Witt Floyd, Bartholomew</td>
<td>GW N</td>
<td>127181</td>
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<tr>
<td>22</td>
<td>Svitzen, Wm. B.</td>
<td>GW N</td>
<td>287185</td>
<td></td>
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<tr>
<td>27</td>
<td>De Witt-Thomas</td>
<td>GW N</td>
<td>149397</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Applegren, A.K.</td>
<td>WEL Log</td>
<td>187330</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Davis, Everet Jr.</td>
<td></td>
<td>W1-374</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>De Witt-Howard</td>
<td>WEL Log</td>
<td>12498</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Applegren, A.K.</td>
<td></td>
<td>123244</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Fleming, George C.</td>
<td>Appropriator</td>
<td>118024</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td></td>
<td>WEL Log</td>
<td>118321</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>Braden, Murrel E.</td>
<td></td>
<td>W1-242</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Applegren, A.K.</td>
<td>WEL Log</td>
<td>123249</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Herriman, Evan R.</td>
<td>Use right</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)

STATE ENGINEER

FLOYD DETT and
MAYA M. DETT, joint owners, of
Wolf Point, Mccone County, Mccone County, 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, Water supply for livestock and domestic use.

2. Date of earliest beneficial use, Prior to 1940.

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

4. The means of withdrawing such water from the ground and the location of the well, or other works for withdrawal of groundwater, Sandpoint (No. 60) 1½ pipe attached to pump, Southeast corner of Lot 3, Sec. 14, Tp. 27 N., Rge. 43 E.M.M., Mccone County, Montana.

5. The date of commencement and completion of the construction of the well, Prior to 1940.

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

7. The log of formations encountered in the drilling of the well, or other works for withdrawal of groundwater, Lumber-cased sandpoint well with pump mounted on 1½ pipe.

8. 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: December 28, 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; Tripllicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropiator.
TO

The Public

State Of Montana) as
County of McCone)

OFFICE OF COUNTY CLERK & RECORDBER

Filed this 30th day of December, 1963
A. D., at 11:50 A. M.

[Signature]
County Clerk

Fee: $2.00
Form No. 18
8-60

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

Owner: A. V. Applegren
Address: Wolf Point, Montana

Driller: A. V. Applegren
Address: Wolf Point, Montana

Date Started: March 10, 1960
Date Completed: March 31, 1960

Location: Sec. 20, T. 27, R. 68 1/4 sec., Lot 5 (N.W. corner)

Type of well: Sand screen
Equipment used: Job point driver

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

Casing: used 2 inch pipe with a 2 inch 8 foot no 80 well screen at bottom of 36 foot well
Casing: ____ ft. to ____ ft. Type ____ Size ____
Casing: ____ ft. to ____ ft. Type ____ Size ____
Perforated or screened: ____ ft. to ____ ft. ____ ft. to ____ ft.

Type of screen or perforations:
Static water level, for non-flowing well: _______ feet.
Shut-in pressure, for flowing well: _______ lb./sq. in. on: _______ (date)
Pumping water level: _______ feet at _______ gal. per min.
How tested: Pressure pump system
Length of test: _______ several days

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 100</td>
<td>Sand (river sand)</td>
</tr>
</tbody>
</table>

**DOC. NO.** 123346

**WATER WELL LOG FILE NO.** 94

State of Montana
County of Mccone

Office of Clerk and Recorder

Filed this 28th day of December, A.D. 1970

at 9:00 o'clock P.M.

Clerk and Recorder

By: Deputy
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(Aug, driven, or drilled)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>iron</td>
<td>5 inch</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or screened:</th>
<th>Ft. to Ft.</th>
<th>Ft. to Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations:</th>
<th>slots</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Static water level, for non-flowing well:</th>
<th>feet</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
<th>lb./sq. in. on:</th>
<th>(date)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pumping water level:</th>
<th>feet</th>
<th>gal. per min.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>to</td>
<td></td>
</tr>
<tr>
<td></td>
<td>50</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
<th>with pressure system</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>several days</td>
</tr>
</tbody>
</table>

| Length of test: | |
|-----------------| |
|                 |          |

<table>
<thead>
<tr>
<th>Remarks:</th>
<th>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Gravel packed around 2 inch sand point inside of casing</td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 1</td>
<td>To 36</td>
</tr>
<tr>
<td>36</td>
<td>Sand</td>
</tr>
<tr>
<td>36</td>
<td>Sand and gravel</td>
</tr>
</tbody>
</table>

DOC. NO. 123347
WATER WELL LOG FILE NO. 95

State of Montana
County of McCone 1st
Office of Clerk and Recorder.
Filing this 28th day of December A.D. 1951
at 2:15 P.M. o'clock P.M.

[Signature]
Clerk of the County of McCone
FAX: None

FAX: None
Form No. 18
8-60

Montana Bureau of Mines and Geology
Butte, Montana

Water Well Log

Owner: A. V. Appelgren
Address: Wolf Point, Montana

Driller: A. V. Appelgren
Address: 

Date Started: June 1, 1936
Date Completed: June 2, 1936

Location: Sec. 20 T. 27 R. 66 1/4 sec. Lot 5 (center of lot)

Type of well: Sand point driven
Equipment used: Sand point driver

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other

Casing: _______ ft. to _______ ft. Type Size

Casing: _______ ft. to _______ ft. Type Size

Perforated or screened: Ft. _______ to Ft. _______. Ft. _______ to Ft. _______.

Type of screen or perforations: _______

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

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

Pumping water level _______ to _______ feet at 30 gal. per min.

How tested: with pump

Length of test: several days

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

(over)
<table>
<thead>
<tr>
<th>Depth (feet)</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 to 35</td>
<td>Silver Colton et al.</td>
</tr>
</tbody>
</table>

**Doc. No. 123348**

**Water Well Log File No. 96**

State of Montana
County of Missoula

Office of Clerk and Recorder.

Filed this 28th day of December A.D. 19--

at 2:50 o'clock P.M.

[Signature]

[Seal]

For record

[Seal]
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

FLOYD DEMOTT and
BEATRICE E. DEMOTT, as joint, tenants, with right of survivorship,

County of Roosevelt
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 supply for livestock and domestic use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Prior to 1950; Continuous use since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 20 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 use.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Cylinder pump; Southwest corner of SE 1/4 NW Sec. 23, T. 27 N., R. 43 E.M.N., McCone County, Montana.

7. The date of commencement and completion of the construction of the well, well(s), or other works for withdrawal of groundwater: Unknown.

8. The depth of water table: Unknown.

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

10. The estimated amount of groundwater withdrawn each year: 20,000 gallons.

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: None available.

Signature of Owner: Floyd Demott
Date: December 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 Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriate.
Doc. No.
Water Well Log File No. 354
Floyd & Beatrice H. Dewitt

TO
The Public

State of Montana
County of McCone

OFFICE OF COUNTY CLERK & RECORDER
Filed this 30th Day of December, 1905
A. D. at 11:45 A. M.

[Signature]
County Clerk

 Fees: $2.00
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, 1902, 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 during 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.
125185

Water Well Log #218.

State of Montana
County of Madison

Office of Clerk and Recorder.

Filed this__ 27th____ day of

December ___________ A.D. 1962.

at __000____ o'clock A.M.

[Signature]

[Signature]

Fee $2.00
STATE OF MONTANA
MONTANA DEPARTMENT OF NATURAL RESOURCES

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: James D. Wolfe
Address: Wolf Point, Montana
Date well started: 3 Nov. 73
Type of well: Drilled
Equipment used: Churn drill
Water Use: Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □ Garden/Lawn □

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

Top of Ground (Elev. above sea level) 2050

Static water level 54 ft.
Pumping water level 60 ft.
at 100 gallons per minute, measured 30 minutes after pumping began.

*Measured from ground level. Well developed by pump for 3 hours.

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

Driller’s Signature: /s/ Clinton C. Whitmer
Driller’s Address: Wolf Point, Montana

DRILLER SIGNED ONLY THE ORIGINAL LICENSE NO. 85 WHICH IS ON FILE IN OUR OFFICE

55696
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962

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

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

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

Owner ... James DeWitt
Address ... Wolf Point, Mont.

Date well started ... 2 Nov. 72
completed ... 3 Nov. 72

Type of well ... Drilled

Equipment used ... Churn

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

*Describe ...

USE: If used for irrigation, industrial drainage or other. Explain,
state number of acres and location or other data (i.e. lot, block
and addition).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Depth of Casing</th>
<th>Flow (GPM)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot;</td>
<td>5 1/4&quot;</td>
<td>60</td>
<td>NONE</td>
</tr>
</tbody>
</table>

Static water level ... S.H. 52 ft.
Pumping water level ... L.O. 51 ft.

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

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

Driller’s Signature ... Clinton P. Whitmer
Driller’s Address ... Wolf Point, Montana

DRILLER SIGNED ONLY THE ORIGINAL LICENSE NO. 83.
WHICH IS ON FILE IN OUR OFFICE
141575

Water Well Log File No. 731

State of Montana
County of McCone

Office of Clerk and Recorder.

Filed this 28th day of

June, 19_ at 4:00 o'clock P.M.

Athos Brennan

By: Mary E. Brennan

Depository
Form No. 18
8-60

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

Owner: A. T. Applegren
Address: Wall Point, Montana
Driller: W. F. Bower
Address: Butte, Montana
Date Started: 1925
Date Completed: 1925
Location: Sec. 27 T. 27 R. 48 1/4 sec.

Type of well: Drilled
Equipment used: Rotary (dug, driven, or drilled)

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

Casing: 1 ft. to 120 ft. Type: Iron Size: 4 inch
Casing: 120 ft. to 1 foot. Type: Size:
Casing: 1 foot to 1 foot. Type: Size:

Perforated or screened: Ft. to ft. Ft. to ft.

Type of screen or perforations:

Static water level, for non-flowing well: feet.
Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level 60 to 120 feet at 30 gal. per min.

How tested: Gas-driven pump

Length of test: several days

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 2</td>
<td>To 220</td>
</tr>
<tr>
<td>1</td>
<td>shale and sand gravel</td>
</tr>
</tbody>
</table>

**DOC. No. 123350**

WATER WELL LOG FILE NO. 98

State of Montana  
County of Montana  
Office of Clerk and Recorder  
Filed this 29th day of December, A.D., 1961  
At 2:15 A.M.  
Clark and Recorder  
**By**  
Deputy  
**For**
## WATER WELL LOG

**Owner:** Howard D. Withl  
**Address:** Wolf Point, Mont.

**Driller:** AAA Nelson  
**Address:** Rapid, Mont.

**Date Started:** June 23, 1957  
**Date Completed:** June 31, 1957

**Location:** Sec. 7, T. 27, R. 48, W. ¼ sec. 7

---

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
</tr>
</thead>
</table>

**Equipment used:** Drop drill

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

**Industrial [ ]  
Municipal [ ]  
Irrigation [x]  
Drainage [ ]  
Other: [ ]

**Casing:**
- 0 ft. to 73 ft.  
  Type: 5  
  Size: 4 ½"

**Perforated or Screened:**
- To 73 ft.  
  Type:  
  Size: 

**Static Water level, for non-flowing well:** 46 feet.

**Shut-in pressure, for flowing well:** 

**Pumping water level:**  
50 feet at 5 gal. per min.

**How tested:** Drilled + pumped

**Length of test:** 12 hrs.

**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' - 12'</td>
<td>Light dirt</td>
</tr>
<tr>
<td>12' - 20'</td>
<td>Sandy soil</td>
</tr>
<tr>
<td>20' - 23'</td>
<td>Light clay</td>
</tr>
<tr>
<td>23' - 26'</td>
<td>Clay loam</td>
</tr>
<tr>
<td>26' - 73'</td>
<td>Sand &amp; gravel bearing water</td>
</tr>
</tbody>
</table>
Form No. 18
8-60

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. T. Applegren</td>
<td>Wall Point, Montana</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>M. F. Hess</td>
<td></td>
</tr>
</tbody>
</table>

Date Started: June 29th
Date Completed: June 29th

Location: Sec. 20, T. 27, R. 60, 1/2 sec. NW

Type of well:
- Drilled

Equipment used:
- Sand drill, rotary, other

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

Casing:
- ft. to ft. Type
- Size

Perforated or screened:
- Ft. to ft.
- Ft. to ft.

Type of screen or perforations:

Static water level, for non-flowing well:

Shut-in pressure, for flowing well:

Pumping water level:

How tested:
- Gas-driven pump

Length of test:
- several days

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

(over)
<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 - 40</td>
<td>Sand, rock and gravel</td>
</tr>
</tbody>
</table>

DOC. NO. 123344

WATER WELL LOG FILE NO. 92

State of Montana
County of Missoula
Office of Clerk and Recorder
Filed this 28th day of December, A.D. 19__
at 2142

[Signature]
Clerk and Recorder

[Signature]
Deputy
STATE ENGINEER  MONTANA BUREAU OF MINES AND GEOLOGY  Butte, Montana

WATER WELL LOG

Owner: Joe C. Clower  Address: West Bend
Driller: Central Pump & Drilling  Address: " "
Date Started: Oct. 1-48  Date Completed: Oct. 1-58
Location: Section 30 T. 27 N. R. 48 E. 1/4 sec. NE  NE

Type of well: Drilled  Equipment used: Rotary
Water use: Domestic □  Municipal □  Stock □  Irrigation □
Industrial □  Drainage □  Other:

Casing: 62' ft. to 72' ft.  Type: Concrete  Size: 22"
Casing: □  ft. to □  ft.  Type: □  Size: □
Casing: □  ft. to □  ft.  Type: □  Size: □
Perforated or Screened: □  0-30'  □  30-60'  □  60-90'  □  90'
Type of screen or perforations: □  Perforated Concrete
Static Water level, for non-flowing well: static water 17'
Shut-in pressure, for flowing well: □  Lb./sq. in. on: □  (date)
Pumping water level: □  feet at □  gal. per min.
How tested: □  Drift  □  Surface
Length of test: □  Drift  □  Surface
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Gravel Packed (over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>6'</td>
</tr>
<tr>
<td>4</td>
<td>6'</td>
</tr>
<tr>
<td>5</td>
<td>Sand &amp; Clay 8'</td>
</tr>
<tr>
<td>10</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>20'</td>
</tr>
<tr>
<td>18</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Sand 25'</td>
</tr>
<tr>
<td>30</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>14'</td>
</tr>
<tr>
<td>38</td>
<td></td>
</tr>
<tr>
<td>40</td>
<td></td>
</tr>
<tr>
<td>42</td>
<td>Sand &amp; Gravel &amp; Clay 47'</td>
</tr>
<tr>
<td>44</td>
<td></td>
</tr>
<tr>
<td>46</td>
<td></td>
</tr>
<tr>
<td>48</td>
<td></td>
</tr>
<tr>
<td>50</td>
<td></td>
</tr>
<tr>
<td>52</td>
<td>15'</td>
</tr>
<tr>
<td>54</td>
<td></td>
</tr>
<tr>
<td>56</td>
<td></td>
</tr>
<tr>
<td>58</td>
<td>Sand &amp; Gravel 60'</td>
</tr>
<tr>
<td>60</td>
<td>2' Silt 6'</td>
</tr>
<tr>
<td>62</td>
<td>Bottom of Well 60'</td>
</tr>
</tbody>
</table>

Doc. No. 118821  Water Well Log File

Filen this 3rd Day of April 1959

By

Chief and Recorder

Fee none
Fora No. 18

<table>
<thead>
<tr>
<th>T.</th>
<th>27</th>
</tr>
</thead>
<tbody>
<tr>
<td>R.</td>
<td>40</td>
</tr>
<tr>
<td>County</td>
<td>Montana</td>
</tr>
</tbody>
</table>

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>A. T. Applegren</td>
<td>Wolf Point, Montana</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>W. F. Bossy</td>
<td>Wolf Point, Montana</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>August 1952</td>
<td>August 1952</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Location: Sec.</th>
<th>T.</th>
<th>R.</th>
<th>1.8</th>
<th>1 sec.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sec.</td>
<td>31</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>R.</td>
<td>27</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drill</td>
<td>Rotary</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water use:</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
<th>Industrial</th>
<th>Drainage</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

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

<table>
<thead>
<tr>
<th>Perforated or screened:</th>
<th>Ft. to</th>
<th>Ft. to</th>
<th>Ft. to</th>
<th>Ft. to</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Static water level, for non-flowing well:</th>
<th>feet</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
<th>lb./sq. in. on:</th>
<th>[date]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pumping water level:</th>
<th>to 50 feet at</th>
<th>30 gal. per min.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
<th>with gas-driven pump</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length of test:</th>
<th>several days</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

(over)
<table>
<thead>
<tr>
<th>Depth feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>1</td>
<td>80</td>
</tr>
<tr>
<td></td>
<td>River bottom sand and some gravel</td>
</tr>
</tbody>
</table>

**Log of Well**

**WATER WELL LOG FILE NO. 97**

**DOQ. NO.** 123349

State of Montana
County of McCone
Office of Clerk and Recorder
Filed this 28th day of December, A.D., 1961 at 9:00 o'clock A.M.
Signed

By: Deputy
Notice of Appropriation of Groundwater

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

1. I, Evan R. Merriman of Vida, County of Montana, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is STOCK & DOMESTIC

3. The rate of use in gallons per minute or miner's inches of groundwater claimed.

4. The annual period (inclusive dates) of intended use.

5. The probable or intended date of first beneficial use.

6. The probable or intended date of commencement and completion of the well or wells.

7. The location, type, size and depth of well or wells contemplated. ALL 3 WELLS ARE SAND POINTS

8. The probable or estimated depth of the water table or artesian aquifer.

9. Name, address and license number of the driller engaged.

10. Give such other similar information as may be useful in carrying out the policy of this act.

Locate well or other means of development as accurately as possible on the plat.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>26</td>
<td>Dempsey, Lawrence</td>
<td>GWR</td>
<td>127913</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

Owner: Lawrence Bumpam Address: Wolf Point, Montana

Driller's Name: Sitton J. Jones Address: Wolf Point, Montana

Date of Notice of Appropriation of Groundwater: March 31, 1964

Date well started: March 20, 1964

Date Completed: March 31, 1964

Type of well: Drilled

Equipment Used: Cable Tool

(dug, driven, bored or churn, drill, rotary or drilled)

Water Use: Domestic □ Municipal □ Stock □ Irrigation □

Industrial □ Drainage □ Other □

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Blue and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5-inch</td>
<td>5/8&quot; OD 14.5</td>
<td>0</td>
<td>61</td>
<td></td>
</tr>
</tbody>
</table>

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

Shut-in Pressure for Flowing Well: 1200 psi.

Pumping Water Level: 35 feet at 20 gal. per minute.

Discharge in gal, per min. of flowing well: 35 gal.

How Tested: Duration: Length of Test: 2 hours.

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

Driller's License Number: 83

Driller's Signature:

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
Water Well Log #600

State of Montana

County of MeCon

The within instrument was filed for record on May 5, 1964 at 12:20 P.M., and is duly recorded in Filed.

[Signature]
County Clerk

Fee: $2.00 Paid