WATER WELL LOG FILE NO. 583

DALTON BROWN

TO

THE PUBLIC

STATE OF MONTANA

COUNTY OF McCONE

OFFICE OF COUNTY CLERK & RECORDER

Filed this 27th day of Jan., 1964 A.D.
at 12:35 o'clock, P. 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

John Herrberg, of Wolf Point
(Name of Appropriator) (Address) (Town)
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. Stock Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. October 26, 1963

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Five 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. N/A

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. October 26, 1963

8. The depth of water table. 100-120 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. 120' deep with 6' casing

10. The estimated amount of groundwater withdrawn each year. 30,000 gallons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

Signature of Owner. Date: 1-3-1964

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Doc. No. 127199

Water Well Log # 440

John Harsberg

To

The Public

State Of Montana }
County of Hays Co. }

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day December, 1963 A.D.,
At 1:42 P. M.

Henry E. Tipple
County Clerk

Fee: $2.00

CIVIL ENGINEER
<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>8</td>
<td>Hufh, John</td>
<td>GW</td>
<td>127201</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td></td>
<td>—</td>
<td>127202</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td></td>
<td>—</td>
<td>127202</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td></td>
<td>—</td>
<td>127202</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td></td>
<td>—</td>
<td>127202</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td></td>
<td>—</td>
<td>127202</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td></td>
<td>GW</td>
<td>127202</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td></td>
<td>—</td>
<td>127202</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td></td>
<td>—</td>
<td>127202</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td></td>
<td>—</td>
<td>127202</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td></td>
<td>—</td>
<td>127202</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td></td>
<td>—</td>
<td>127202</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>U.S. Bureau of Land</td>
<td>—</td>
<td>127202</td>
<td></td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights

JAN 16 1964

STATE ENGINEER

STATE OF MONTANA

administrator of groundwater code

office of state engineer

John Herzberg

of Wolf Point, Montana

(Name of Appropriator)

County of McCone

State of Montana

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

1. Stock water

2. The beneficial use on which the claim is based

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

June 20, 1958

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

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

Walling beam pump

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

June 20, 1958

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

119 ft. 4" casing

10. The estimated amount of groundwater withdrawn each year

50,000 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

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.
Water Well Log # 442

John Hersberg

TO

The Public

State of Montana
County of McCone

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of December, 1963, A. D.

11:44 P. M.

COUNTY CLERK

Fee: $2.00
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODES
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

File No. 446

DUPLICATE

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:

stock water

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: October 4, 1961

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

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

Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: October 4, 1961

8. The depth of water table: 734 to 105 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: 103 ft., 4". casing

10. The estimated amount of groundwater withdrawn each year: 100,000 gal. est.

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

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.
John Herzberg

TO

The Public

State Of Montana } as
County of McCoa } as

OFFICE OF COUNTY CLERK & RECORDER

Filed this 37th day of December, 1963 A. D.,
at 11:58 P. 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)

John Harkess
(Name of Appropriator)

County of Montana
(State)

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 8, 1956

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. June 8, 1956

8. The depth of water table. 150 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. 152 ft., 4" casing

10. The estimated amount of groundwater withdrawn each year. 25,000 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. 

Signature of Owner: __________________________ Date: December 5, 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. 127202

"ater well Log # 443

John Hersberg

To

The Public

State of Montana

County of McCone

OFFICE OF COUNTY CLERK & RECORDER

Filed this 7th day of December, 1963, A. D.
at 11:35 P. M.

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)

I, John Hersberg, of Wolf Point, 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: September 23, 1961.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: September 23, 1961.

8. The depth of water table: 15-17 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: Not Available.

10. The estimated amount of groundwater withdrawn each year: 1,000,000 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.

Signature of Owner: John Hersberg
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.
Doc. No. 127200

Water well log # 411

John B. Berg
TO
The Public

State of Montana } ss
County of McCone } ss

OFFICE OF COUNTY CLERK & RECORDER

Filed this 10th day of December, 1973, A.D.,
at 11:43 P.M.

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater:

Owner: John Hansen
Address: Wolf Point, Montana

Contractor (if any): None
Address of Contractor:

Date Started: Date Completed:

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. **Spring is not developed, but furnishes
water for livestock. It flows approximately three
gallons 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:

Livestock water at spring six months of the year.

Signature of Owner:

Date: December 30, 1963

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

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

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

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

TO

The Public

State of Montana

County of Montana

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of December, 1963, A. D.,
at 1:53 P. M.

County Clerk

Fee: $2.00
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: ____________________________

Owner: John Herzberg Address: Wolf Point, Montana
Contractor (if any): None
Address of Contractor: ____________________________
Date Started: ____________________________ Date Completed: ____________________________

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Springs is not developed, but furnished water for livestock. It flows approximately
three gallons 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.

Live stock water at spring six months of the year.

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.
Water Well Loc. 450

John Hersberg

TO

The Public

State of Montana

County of McCone

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of December, 1963 A.D.

at 1:52 P.M.

County Clerk

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

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

STATE ENGINEER

John Hersberg (Name of Appropriator)
of Wolf Point, Montana (Address)
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: House and stock water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: July 5, 1960.

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

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: July 5, 1960.

8. The depth of water table: 95 to 100 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: 4" casing.

10. The estimated amount of groundwater withdrawn each year: 400,000 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.

Signature of Owner: [Signature]
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.
The Public

State Of Montana
County of McCone

OFFICE OF COUNTY CLERK & RECORDER:

Filed this 30th day of December, 1953 A.D.
at 11:46 A.M.

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  

JAN 16 1964  

1. John Herzberg  
(Name of Appropriator)  

Wolf Point, Montana  
(Address)  

County of McCone State of Montana  

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

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

2. The beneficial use on which the claim is based:  
Corral - Livestock in east pasture  

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:  
September 15, 1952  

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: September 15, 1952  

8. The depth of water table: 150 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: 280 ft., 4" casing  

10. The estimated amount of groundwater withdrawn each year: 365,000 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  

Signature of Owner:  

Date: December 31, 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 Appropriator.
Doc. No. 127358

Water Well Log # 573

John Hersberg

To

The Public

STATE OF MONTANA

County of McCona

OFFICE OF COUNTY CLERK & RECORDER

Filed this 8th day of January, 1964, A.D.,
at 10:40 A.M.,

County Clerk

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

1. John Hersberg
   (Name of Appropriator)
   of...Wolf Point...
   (Address)
   (Town)
   County of...McCona...
   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...October 26, 1962...

   Used as needed for livestock.

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: October 26, 1963

   8. The depth of water table: 120-140 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 is 100' deep with 4" casing.

   10. The estimated amount of groundwater withdrawn each year: 25,000 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: None

   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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Dec. No. 127207

Water Well Loc. # 448

John Harsberg

TO

The Public

State of Montana

Count of Kootenai

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of December, 1963 A.D.,
at 1:50 P.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)

1. John Herzberg, of Wolf Point, 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 20, 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1,000 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: 

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: June 20, 1961

8. The depth of water table: 95 to 100 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: 116 ft., 4" casing

10. The estimated amount of groundwater withdrawn each year: 30,000

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: 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.
Doc. No. 127204

Water well Log # 445

John Hersberg

TO

The Public

State of Montana

County of McCone

OFFICE OF COUNTY CLERK & RECORDER

Filed this 10th day of December, 1953 A.D.,
at 1:45 P.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

John Herberg of Wolf Point
County of McCone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. NE 4/4, NE Sec. 23, T. 21 N., R. 45 W.
   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: Stock Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 20, 1953
   Used as needed to water livestock

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: June 20, 1953

8. The depth of water table: 60-85 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 is 14' deep with 12' casing

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: N/A

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: John Herberg
Date: 1-3-59

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. 127206

Water Well Log # 447.

John Herzberg

TO

The Public

State of Montana

County of McCone

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of December, 1963 A.D.,
at 1:49 P.M.

[Signature]
County Clerk

Fee: $2.00
<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used: Churn</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use:</td>
<td>Domestic</td>
<td>Stock ✔</td>
</tr>
<tr>
<td>Casing:</td>
<td>0 ft. to 56 ft.</td>
<td>Type: Black Steel</td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>46 ft. to 56 ft.</td>
<td>Type: in casing</td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>25 feet</td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>ib/sq.in. on: (date)</td>
<td></td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>50 feet at 24 gal. per min.</td>
<td></td>
</tr>
<tr>
<td>How tested:</td>
<td>Bailed</td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td>One hour</td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td>Gravel packed to top of casing</td>
<td></td>
</tr>
<tr>
<td>Cement platform around casing head</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(over)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Depth, feet</td>
<td>Description of Material Drilled</td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>--------------------------------</td>
<td></td>
</tr>
<tr>
<td>0 to 12</td>
<td>Dark brown sand</td>
<td></td>
</tr>
<tr>
<td>12 to 25</td>
<td>Light brown sand</td>
<td></td>
</tr>
<tr>
<td>25 to 40</td>
<td>Yellow clay</td>
<td></td>
</tr>
<tr>
<td>40 to 49</td>
<td>Light gray clay</td>
<td></td>
</tr>
<tr>
<td>49 to 56</td>
<td>Black sand</td>
<td></td>
</tr>
</tbody>
</table>

DOC. NO. 122800
WATER WELL LOG FILE NO. 76

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

On the 18th day of September, A.D. 1961, at 2 o'clock p.m.

[Signature]

Clerk and Recorder

By

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>
</thead>
<tbody>
<tr>
<td>16</td>
<td>Wright, J. Stewart</td>
<td>Wll. Hag</td>
<td>123444</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>&quot;</td>
<td>&quot;</td>
<td>123433</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>&quot;</td>
<td>&quot;</td>
<td>123418</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>&quot;</td>
<td>&quot;</td>
<td>123482</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>&quot;</td>
<td>&quot;</td>
<td>123416</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>&quot;</td>
<td>&quot;</td>
<td>123407</td>
<td></td>
</tr>
<tr>
<td>Water use: Domestic</td>
<td>Municipal</td>
<td>Stock</td>
<td>Irrigation</td>
<td>Other:</td>
</tr>
<tr>
<td>------------------</td>
<td>-----------</td>
<td>-------</td>
<td>------------</td>
<td>--------</td>
</tr>
<tr>
<td>Casing: 0 ft. to 125 ft.</td>
<td>Type:</td>
<td>Size:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing: 125 ft. to</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Ft. to Ft.</td>
<td>Ft. to Ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static water level, for non-flowing well:</td>
<td>Ft</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb/sq.in., (date)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pumping water level: 100 (ft) feet at 4 gal. per minute</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Non-tested:</td>
<td></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></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
### Log of Well

<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Sand - gravel streaks</td>
</tr>
<tr>
<td>30</td>
<td>Shale</td>
</tr>
<tr>
<td>170</td>
<td>Water Sand</td>
</tr>
<tr>
<td>178</td>
<td>Shale T.O.</td>
</tr>
</tbody>
</table>

Signed: [Handwritten Signature]

Water Well Log # 188

[Handwritten Notes and Signatures]
<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Drilled</th>
<th>Equipment Used</th>
<th>Churn drill, rototy, other</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use: Domestic</td>
<td>Box</td>
<td>Municipal</td>
<td>Box</td>
</tr>
<tr>
<td>Industrial</td>
<td>Box</td>
<td>Stock</td>
<td>X</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Perforated or Screened</th>
<th>Ft. to</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ft. to Ft.</td>
<td>to Ft.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Static Water Level, for non-flowing wells | 90 | ft |
| Shut-in Pressure, for flowing wells: | lb/sq.in. | (date) |
| Pumping Water Level | 45 ft last | ft at 6 gal. per min |
| How tested: | | |
| Length of test | | |
| Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) | |

(over)
<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>45</td>
<td>Sand</td>
</tr>
<tr>
<td>45</td>
<td>165</td>
<td>Blue Sandy Rock</td>
</tr>
<tr>
<td>165</td>
<td>190</td>
<td>Water Sand</td>
</tr>
</tbody>
</table>

Log of Well

Water Well Log # 187

<table>
<thead>
<tr>
<th>County of:</th>
<th>McCone</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deed of Copy 89</td>
<td>Filed</td>
</tr>
<tr>
<td></td>
<td>29th day of December 1924</td>
</tr>
</tbody>
</table>

Peo. None

Depuy
<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Drilled</th>
<th>Equipment Used</th>
<th>Spade</th>
<th>Rotary</th>
</tr>
</thead>
</table>

**Water use:**
- Domestic
- Municipal
- Stock
- Irrigation
- Other: Range

**Casing:**
- 0 ft. to 18.5 ft.: Type Standard, Size 6" F.T.
- 18.5 ft. to 313 ft.: Type Schedule 40, Size 6" F.T.
- 313 ft. to: Type Other: Size

**Perforated or Screened:**
- Ft. 220 to Ft. 310. Ft. 310 to Ft. 313.

**Type of screen or perforations:** 4" X 3" Slits

**Static water level (for non-flowing wells):** 122 ft.

**Shut-in pressure (for flowing wells):** 120 lb./sq.in. (date)

**Pumping water level:** 230 feet at 20 gpm per min (date)

**How tested:** Booster

**Length of test:** 60 min

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

<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 165</td>
<td>Shale</td>
</tr>
<tr>
<td>165 - 187</td>
<td>Rock</td>
</tr>
<tr>
<td>187 - 195</td>
<td>Shale and Sand</td>
</tr>
<tr>
<td>196 - 240</td>
<td>Shale</td>
</tr>
<tr>
<td>240 - 270</td>
<td>Shale and sand</td>
</tr>
<tr>
<td>270 - 305</td>
<td>Water sand</td>
</tr>
<tr>
<td>305 - 315</td>
<td>Shale</td>
</tr>
</tbody>
</table>

**J. Stewart Wright**

---

**Water Well Log #192**

---

**State of Montana**

**County of [Name]**

**Judge of the Court and Recorder**

**Filed on:** 29th day of December

**At:** [Location]

**By:** [Signature]

**Fee:** None

**Deposit**
<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Stewart Hagen</td>
</tr>
<tr>
<td>Address</td>
<td>111 Pine St.</td>
</tr>
<tr>
<td>Driller</td>
<td>Tom Whitefield</td>
</tr>
<tr>
<td>Address</td>
<td>222 Oak St.</td>
</tr>
<tr>
<td>Date Started</td>
<td>8/10/61</td>
</tr>
<tr>
<td>Date Completed</td>
<td>9/20/61</td>
</tr>
<tr>
<td>Location</td>
<td>Sec 23, T 24 N, R 46 E, Section 26</td>
</tr>
<tr>
<td>Type of Well</td>
<td>Drilled</td>
</tr>
<tr>
<td>Equipment Used</td>
<td>Spudger and cable</td>
</tr>
<tr>
<td>(Dug, driven, bored, or drilled)</td>
<td>(Churn drill, rotary, other)</td>
</tr>
<tr>
<td>Water use: Domestic</td>
<td>No</td>
</tr>
<tr>
<td>Municipal</td>
<td>No</td>
</tr>
<tr>
<td>Stock</td>
<td>Yes</td>
</tr>
<tr>
<td>Irrigation</td>
<td>No</td>
</tr>
<tr>
<td>Industrial</td>
<td>No</td>
</tr>
<tr>
<td>Drainage</td>
<td>No</td>
</tr>
<tr>
<td>Other:</td>
<td>Range</td>
</tr>
<tr>
<td>Casing:</td>
<td>0 ft. to 63 ft.</td>
</tr>
<tr>
<td>Type</td>
<td>S 55</td>
</tr>
<tr>
<td>Size</td>
<td>5 1/2</td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Ft.</td>
</tr>
<tr>
<td>Type</td>
<td>Screen</td>
</tr>
<tr>
<td>Size</td>
<td>1 5/8</td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>1 5/8</td>
</tr>
<tr>
<td>feet</td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq.in.</td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>3 5/8</td>
</tr>
<tr>
<td>feet at</td>
<td>5 gal. per min</td>
</tr>
<tr>
<td>How tested:</td>
<td>Ballooning</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>
</tbody>
</table>

(over)
Log of Well

<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 259</td>
<td>Mud</td>
</tr>
<tr>
<td>259 - 263</td>
<td>Good</td>
</tr>
</tbody>
</table>

123439

Water Well Log # 183

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

Filed this 29th day of December, A.D. 1951

[Signature]
Clerk and Recorder

Fee None
<table>
<thead>
<tr>
<th>Owner Address</th>
<th>Driller Address</th>
<th>Date Started</th>
<th>Date Completed</th>
<th>Section</th>
<th>Township</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>6/16/47</td>
<td>9/16/48</td>
<td>10</td>
<td>46</td>
<td>SW</td>
</tr>
</tbody>
</table>

**Type of Well Drilled:**
- [ ] Domestic
- [ ] Municipal
- [x] Stock
- [ ] Irrigation

**Water Use:**
- [ ] Domestic
- [ ] Municipal
- [x] Stock
- [ ] Irrigation

**Casing:**
- [ ] 31.5 ft. to 31.6 ft. Type: Steel, Size: 6" I.D.
- [ ] 31.6 ft. to 32.0 ft. Type: Standard, Size: 4" I.D.

**Perforated or Screened:**
- [ ] 31.8 ft. to 32.5 ft. Size: 3/4""

**Static Water Level:**
- [ ] 210 feet

**Shut-in Pressure:**
- [ ] 16 lb./sq.in.; (date)

**Pumping Water Level:**
- [ ] 310 feet at 15 gal. per min.

**How Tested:**
- [ ] (over)

**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>0 - 90</td>
<td>Shale - sand streaks</td>
</tr>
<tr>
<td>90 - 93</td>
<td>rock</td>
</tr>
<tr>
<td>93 - 110</td>
<td>Shale</td>
</tr>
<tr>
<td>110 - 112</td>
<td>Water sand, Cleburne Formation</td>
</tr>
<tr>
<td>112 - 316</td>
<td>Shale and rocks, streak</td>
</tr>
<tr>
<td>316 - 318</td>
<td>Rock</td>
</tr>
<tr>
<td>318 - 333</td>
<td>Unconformity</td>
</tr>
<tr>
<td>333 - 350</td>
<td>Shale</td>
</tr>
<tr>
<td>350 - 363</td>
<td>Shale, streak</td>
</tr>
<tr>
<td>363 - 394</td>
<td>Shale = coal streak, 7-0</td>
</tr>
</tbody>
</table>

Water Well Log & 190

State of Montana
County of McCone

Office of Clerk and Recorder

Filed this 29th day of December, 1943, at 3:40 A.M.

By

Fee: None

Deputy
Butte, Montana

WATER WELL LOG

Owner/Address: Beltoild
Driller/Address:
Date Started: 6/1/44  Date Completed: 10/19/44
Location: Sec. 28, T. 34 N., R. 46 E., Sec. 54, SE.

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Equipment Used</th>
<th>Water use: Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td></td>
<td></td>
<td>✔️</td>
<td>✔️</td>
<td></td>
</tr>
</tbody>
</table>

Casing:
- 10 ft. to 185 ft. Type Standard Size 4.50
- 185 ft. to 244 ft. Type Standard Size 4.50
- 244 ft. to 546 ft. Type Standard Size 2.50
Perforated or Screened: 25 to 25.5 ft. 24.5 to 24.5 ft. 31 to 31 ft.
Type of screen or perforations: 24.5 to 24.5 ft. 31 to 31 ft.
Static Water level, for non-flowing well: 150 feet
Shut-in pressure, for flowing well: 20 lb./sq.in.
Pumping Water level: 150 feet at 16 gal. per min.
How tested: ✔️
Length of test: ✔️
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>0 to 40</td>
<td>Sand</td>
</tr>
<tr>
<td>40 to 41</td>
<td>Coal - water seep</td>
</tr>
<tr>
<td>41 to 565</td>
<td>Shale</td>
</tr>
<tr>
<td>565 to 777</td>
<td>Water sand - rock</td>
</tr>
<tr>
<td>777 to 540</td>
<td>Shale sand - rock (claystone)</td>
</tr>
<tr>
<td>540 to 850</td>
<td>Shale</td>
</tr>
</tbody>
</table>

Water Well Log 1981

[Signature]

Date: 12/34/81

County of McCone

Office of Clerk and Recorder

Fee: 100

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>
</thead>
<tbody>
<tr>
<td>10</td>
<td>Bates, Arthur Jr.</td>
<td>Well dug</td>
<td>123402</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Bates, Art. Sr.</td>
<td>L</td>
<td>123402</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>McCone School Dist.</td>
<td>Test Well</td>
<td>123402</td>
<td></td>
</tr>
<tr>
<td>86</td>
<td>Montana Co.</td>
<td>GW</td>
<td>123402</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Schlegel, Frank A.</td>
<td>GW</td>
<td>123402</td>
<td></td>
</tr>
<tr>
<td>75</td>
<td>Whitmer, Frank A.</td>
<td>Well dug</td>
<td>123402</td>
<td></td>
</tr>
<tr>
<td>98</td>
<td>F. A.</td>
<td></td>
<td>123402</td>
<td></td>
</tr>
</tbody>
</table>
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

Driller: Sam Nagy. Address: Lee's Ferry, Mont.
Date Started: Dec. 26, 1960 Date Completed: Jan. 3, 1961
Location: Sec. 10 T. 24 R. 41 W Sec. SW 1/4 SW.

Type of well: Drilled
Equipment used: Churn

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

Casing: 0 ft. to 130 ft. Type: Steel Size: 4 in.
Casing: ft. to ft. Type: Size:
Casing: ft. to ft. Type: Size:

Perforated or screened: Ft. 1 to ft. 15. Ft. 16 to ft. 125 ft.

Type of screen or perforations: Slotted

Static water level, for non-flowing well: 25 feet.

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

Pumping water level: 125 feet at 1 1/2 gal. per min.

How tested: Sluice Bucket

Length of test: 1/2 hr.

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

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth</th>
<th>Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>50</td>
<td>Clay</td>
</tr>
<tr>
<td>51</td>
<td>100</td>
<td>Black Gumbo</td>
</tr>
<tr>
<td>100</td>
<td>102</td>
<td>Black Coal</td>
</tr>
<tr>
<td>103</td>
<td>130</td>
<td>Hard Clay (Black)</td>
</tr>
</tbody>
</table>

**Water Well Log # 146**

**State of Montana**

**County of M.Coo**

**Ordo of Clerk and Recorder.**

**Filed this 23th day of December A.D. 19-61 at 6:12 o'clock P.M.**

**By:**

**Witness:**

**Notary**

[Signature]

[Signature]
# Water Well Log

**Montana Bureau of Mines and Geology**

**Butte, Montana**

**State Engineer**

**Water Well Log**

**Owner:** ART Bates

**Address:** Cindy Blvd

**Driller:** Daniel J. Mogg...

**Address:** Linda Ave

**Date Started:** Nov 10, 1955

**Date Completed:** Dec 13, 1955

**Location:** Sec. 17, T. 24 N., R. 47 W., 4th Sec. N.E. 3/4

**Type of well:** Drilled

**Equipment used:** Churn drill

**Water use:** Stock

**Casing:** 12 ft. to 114 ft.

**Type:** Steel

**Size:** 6"

**Type of screen or perforations:** Slats

**Static Water Level:** 30 feet

**Shut-in pressure:** 30 lb./sq. in. on: (date)

**Pumping water level:** 25 feet at: 12 gal. per minute

**How tested:** Bailed

**Length of test:** 2 days

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

**To stop water, much must be shut off by driving casing:**
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>100 MUCK WATER BEARING CASED OFF</td>
</tr>
<tr>
<td>100</td>
<td>114 WATER BEARING</td>
</tr>
</tbody>
</table>

State of Michigan
County of Detroit
Office of Clerk of District Court

May 20, 19---

[Signature]

Certified By

[Signature]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

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

(Under Chapter 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:  Missoula County

School Dist.

Address:  MT

Date well started:  Sept 7, 1971

Well Drilled for 24 hours.

Date completed:  Sept 20, 1971

Type of well:  DRILLED

Equipment used:  CHUKN

Water Use:  Domestic □  Municipal □  Stock □  Irrigation □

Industrial □  Drainage □  Other □  Garden/Lawn □

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

*Describe the character, color, thickness of strata such as soil, clay, sand,
gravel, shale, sandstone, etc. Show depth at which water is found and
height to which water rises in well.

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Strata</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>Kind</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>50-70</td>
<td>50</td>
<td>70</td>
<td>98</td>
<td>103</td>
<td></td>
</tr>
<tr>
<td>40-60</td>
<td>40</td>
<td>60</td>
<td>94</td>
<td>106</td>
<td></td>
</tr>
</tbody>
</table>

Static water level 51 ft.

Pumping water level 95 ft.

at 2.5 gal. per minute, measured 60 minutes after pumping
begun.

*Measured from ground level.

Well developed by 4:16:15

for 3 hours.

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

POWER:  Pump, HP

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

Each small square represents 40 acres.

Driller's Signature:  Clinton Whitman

Driller's Address:  Wolf Point, Mont.
138634

Water Well Log File #699

State of Montana
County of McCone

Office of Clerk and Recorder.

Filed this 18th day of October, A.D. 19__
at 13:30 o'clock A.M.

[Signature]
Clerk and Recorder

[Signature]
Deputy

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)

1. Gene Dobrinski, of Wolf Point
   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:

   Domestic & Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1945 - Regular

4. The amount of groundwater claimed (in millions of gallons per minute): 5 gpm per minute

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

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

   Motor or by hand

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Fall 1945

8. The depth of water table: 38 Feet

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

10. The estimated amount of groundwater withdrawn each year: 21,000 Cals

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: Gene Dobrinski
   Date: Dec. 17, 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. 125141
WATER WELL LOG FILE NO. 216

GENE DRIBNENKI
TO
THE PUBLIC

State of Montana  ss.
County of McCone  ss.
Office of Clerk and Recorder.
Filed this 17th day of December, A.D., 1962
at 4:10 o'clock P.M.

[Signature]
Clerk and Recorder

By: [Signature]
Deputy
Year: 1962
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>Jacob B. Schiepp JR</th>
<th>Wolf Point</th>
</tr>
</thead>
<tbody>
<tr>
<td>County of</td>
<td>State of</td>
</tr>
</tbody>
</table>

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: Home + Garden + Lawn + Stock watering

3. Date or approximate date of earliest beneficial use, and how continuous the use has been 1951 AND AMPLE SUPPLY SINCE.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10,900 GALLONS PER MINUTE EACH

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: September 1961 both wells.

8. The depth of water table: 35'

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:
   - 200' depth on well for home, lawn, and garden and 35' for stock watering well, 50' dewatered two wells and 300' apart.

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

11. The log of formations encountered in the drilling of each well if available:
   - Home well: 60' clay, 20' sandy loam, 40' of second clay, 60' sand and gravel, 150' clay, 75' gravel and clay, 80' coal.
   - Stock well: 60' clay, 20' sandy loam, 40' of second clay, 60' sand and gravel, 150' clay, 75' gravel and clay, 80' coal.

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

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

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

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

Signature of Owner: Jacob B. Schiepp

Date: 10-3-63
126552

Water Well Log # 237

State of Montana
County of McCone

Office of Clerk and Recorder.

Filed this 4th day of
October, A.D. 1963
at 4:00 o'clock P.M.

Deputy

Fee $2.00
<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>Churn Drill</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 10 ft.</th>
<th>Type</th>
<th>Iron</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td>10 ft. to 15 ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>Casing:</td>
<td>15 ft. to 20 ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>10 ft. to 9 ft.</th>
<th>Type</th>
</tr>
</thead>
</table>

| Static Water level, for non-flowing well: | 50 ft. |

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
<th>50 lb./sq. in. on:</th>
<th>(date)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pumping water level:</td>
<td>50 feet at</td>
<td>4 1/2 gal. per min.</td>
</tr>
<tr>
<td>How tested:</td>
<td>SIJCH B R E F T</td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td>1 hr</td>
<td></td>
</tr>
</tbody>
</table>

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

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
<th>Flow, gph per min</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Yellow clay</td>
<td>1/2 gph per min</td>
</tr>
<tr>
<td>20</td>
<td>Coal</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Blue clay</td>
<td></td>
</tr>
<tr>
<td>65</td>
<td>Gray sand</td>
<td>1/2 gph per min</td>
</tr>
<tr>
<td>80</td>
<td>Blue clay</td>
<td></td>
</tr>
<tr>
<td>80-101</td>
<td>Stepped on hard coal</td>
<td></td>
</tr>
</tbody>
</table>

**#18377**

*City of Coweta*  
*County of McCone*

Office of Clerk and Recorder  
Filed this **Jan. 10, 1957**  
At 10:30 a.m.  
Signed and Recorded  
By **City Clerk**
WATER WELL LOG

Owner: Frank R. Whitman
Address: 1112 Paint Plant

Driller: Daniel G. Haggarty
Address: Circle, Mont

Date Started: Dec. 26, 1958
Date Completed: Dec. 30, 1958

Location: Sec. 35, T. 24, R. 47

Type of well: Drilled
Equipment used: Churn Drill

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

Casing: 0 ft. to 10 ft. Type: Iron Size: 6 inch
Casing: 10 ft. to 20 ft. Type: Iron Size: 6 inch
Casing: 20 ft. to 30 ft. Type: Iron Size: 6 inch

Perforated or Screened: Ft. 101 to Ft. 91 Type: Iron Size: 6 inch

Static Water level, for non-flowing well: 20 feet
Shut-in pressure, for flowing well: Date
Pumping water level: 95 feet at 16 gal. per min
How tested: (date)

Length of test: 1 hour
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

Gravel packed

(over)
**WATER WELL LOG**

| Owner: | Address: 
<table>
<thead>
<tr>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller:</td>
<td>Address:</td>
</tr>
<tr>
<td>Date Started:</td>
<td>Date Completed: Sept 15</td>
</tr>
<tr>
<td>Location: Sec. 35 T. 24 R. 47 1/4 sec. NW 1/4</td>
<td></td>
</tr>
</tbody>
</table>

**Type of well:** Drilled

**Equipment used:** Hand

**Water use:** Domestic

**Industrial**

**Municipal**

**Stock**

**Irrigation**

**Casing:**

- 10 ft. to 15 ft. Type: 5¼ x 1, Size: 4½"
- 8 ft. to 10 ft. Type: 3½ x 3½, Size: 4½"
- 8 ft. to 10 ft. Type: 3½ x 3½, Size: 4½"

**Perforated or Screened:**

- 10 ft. to 15 ft. 15 ft. to 20 ft.

**Type of screen or perforations:**

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

**Shut-in pressure, for flowing well:** 25 lb./sq. In. on: (date)

**Pumping water level:** 14 feet at 2½ gal. per min.

**How tested:** by boring

**Length of test:**

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

---

(over)
## Water Well Log

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 4</td>
<td>Black sand</td>
</tr>
<tr>
<td>4 - 9</td>
<td>Heavy clay</td>
</tr>
<tr>
<td>9 - 14</td>
<td>Gravel (crosses)</td>
</tr>
<tr>
<td>14 - 15</td>
<td>Water bearing sand</td>
</tr>
<tr>
<td>15 - 18</td>
<td>Blue clay</td>
</tr>
</tbody>
</table>

---

**Doc. No. 116558**

**File No. (3)**

**Doc. No.**

**WATER WELL LOG**

---

**F. A. WHITMIS**

**TO**

**THE PUBLIC**

---

**STATE OF MONTANA, COUNTY OF McCONE, as.**

The within instrument was filed for record on **October 9th, 1907** at **9:25** o'clock A.M., and is duly recorded in Book **of** page ** dorm.**

**County Clerk and Recorder.**

By **Deputy**

Fee **none** Paid.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Hasselstead, Art, Jr.</td>
<td>GW N</td>
<td>162318</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Buss, William M.</td>
<td>GW P</td>
<td>128788</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Hubbard Bros.</td>
<td>GW N</td>
<td>132339</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Shaw Oil Co.</td>
<td>WEL AG</td>
<td>119332</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Olson, Harold</td>
<td>GW R</td>
<td>137033</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Schlepp, Fred</td>
<td>GW S</td>
<td>128035</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Mommen, E. P.</td>
<td>GW N</td>
<td>126260</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Centerline Edu</td>
<td>-</td>
<td>131032</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Farris, Margaret McDow</td>
<td>-</td>
<td>125951</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Schlepp, Edward</td>
<td>-</td>
<td>123026</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Nydal, O. K.</td>
<td>WEL THP</td>
<td>128306</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>Schlepp, Edward</td>
<td>GW N</td>
<td>127439</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Shaw Oil Co.</td>
<td>-</td>
<td>128280</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

Of Wøy Count
(Address)
(Town)
County
State of

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 9 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:

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: May 1948

8. The depth of water table: 153 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: 130 feet, 10" x 10"

10. The estimated amount of groundwater withdrawn each year: 5,000.00 lb.

11. The log of formations encountered in the drilling of each well if available: 120', Clay

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: Art J. Rosswell
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.
Doc. No. 127318

Water Well Loc. #550

Art J. Kossestad

TO

The Public

State Of Montana

County of McDermitt

OFFICE OF COUNTY CLERK & RECORDER

Filed this 2nd day of January, 1964, A.D.,
at 1:35 P.M.

Henry J. Long
County Clerk

Fee: $2.00