STATE OF MONTANA,  
County of Richland, 

Filed this 28th day of June, A.D. 19... 

La. Hooker,  
County Clerk  

R. Atchison 

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

1. Glenn Davidson, of Richland, Richland
   County, Montana

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

   The beneficial use on which the claim is based, stock water.

   The date or approximate date of earliest beneficial use; and how continuous the use has been since:

   1949

   The amount of groundwater claimed (in inches or gallons per minute):

   No

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

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

   Electric motor-driven pump

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

   1949

   The depth of water table:

   10 ft

   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:

   Hand aug 3 ft deep 12 ft

   The estimated amount of groundwater withdrawn each year:

   No estimate

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

   Not available

   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:

   Glenn Davidson

   Date: 12-30-62

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

1. Elsie Woodworth Catram
   (Name of Approporator)
   Fairview
   (Address)
   Mont
   (Town)
   County of
   Richland
   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 use
camng lawn & tree

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1949

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

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

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

8. The depth of water table: 22

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

10. The estimated amount of groundwater withdrawn each year: 438,000

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 Elsie Woodworth Catram
Date Nov 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 Approporator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(Owners Name) (Address) (Town)

County of _______ State of Montana

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

1. The beneficial use on which the claim is based.

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

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

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

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

6. The depth of water table.

7. 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.

8. The estimated amount of groundwater withdrawn each year.

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

10. 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 Appropirator.
STATE OF MONTANA, ss.
County of Richland.

Filed this 31st day of December, A.D. 1963, at 12:30 o'clock, P.M.

________________________________________
Deputy County Recorder

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

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

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

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

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

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

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

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

   8. The depth of water table: ____________________________

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

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

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

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

Signature of Owner: ____________________________
Date: ____________________________

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

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

Original to the County Clerk and Recorder, Duplicate to the State Engineer, Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA,  
County of Richland,  
Filed day: 31, 1862,  
Filed at: 9 A.M.,  
County Recorder  
Deputy
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

(Name of Appropriator) (Address) (Town) County of State of
(Richland) 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: Stock

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1952

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 200 gal. per day

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

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

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

7. The depth of water table: 40 ft

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

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

Signature of Owner

Date: Dec 31, 62

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA,
County of Richland,

Filed ______ day of ______, 19__.

At ______ o'clock A.M.

File

Deputy
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
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<tbody>
<tr>
<td>Darrell Sand;</td>
<td>Fairview</td>
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<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
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<tbody>
<tr>
<td>Andy 900</td>
<td>Sidney</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Oct 19</td>
<td>24 Oct 59</td>
</tr>
</tbody>
</table>

| Location: | Sec. 30 T. 66 R. 46 N. 4 sec. |

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
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<tbody>
<tr>
<td>Drilled</td>
<td>Churn</td>
</tr>
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<table>
<thead>
<tr>
<th>Water use:</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
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<thead>
<tr>
<th>Industrial</th>
<th>Drainage</th>
<th>Other</th>
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<th>Casing:</th>
<th>Ft to Ft.</th>
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<th>Size</th>
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<tr>
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<td>5.2</td>
<td>C.D.</td>
<td>6 inch</td>
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<th>Casing:</th>
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<th>Perforated or Screened:</th>
<th>Ft to Ft pt perf</th>
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<th>Type of screen or perforations</th>
<th>Cut with cutting torch</th>
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<tr>
<th>Static Water level, for non-flowing well:</th>
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<table>
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<tr>
<th>Shut-in pressure, for flowing well:</th>
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<tr>
<td>lb./sq. in. on: (date)</td>
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<th>Pumping water level:</th>
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<tr>
<td>10 feet at 5 gal. per min.</td>
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<th>How tested:</th>
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<tr>
<td>Dailing</td>
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<tr>
<th>Length of test:</th>
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<tr>
<td>11 hours</td>
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<table>
<thead>
<tr>
<th>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
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</thead>
<tbody>
<tr>
<td></td>
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<tr>
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(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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<tbody>
<tr>
<td>0-20</td>
<td>Yellow clay</td>
</tr>
<tr>
<td>20-25</td>
<td>Sand, gravel, and water, 5 gal. per min.</td>
</tr>
<tr>
<td>25-52</td>
<td>Blue clay</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. J. J. Gildred, Jr., 415 Hacienda
   (Name of Appropriator) 801 8th Ave.
   (Address) Juneau
   County of ___________ 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>W</th>
<th>E</th>
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<tbody>
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</tbody>
</table>

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

2. The beneficial use on which the claim is based, including the date it occurred.

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

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner

Date

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Marvin Berry
   (Name of Appropriator)
   508 3rd St. N. E., Sidney, Montana
   (Address)
   (Town)
   County of: Richland
   State of: Montana

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

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: About 1946 and has been in use seven times.

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

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: About 1946.

   8. The depth of water table: 39 feet deep

   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: Galvanized tile--14 inches.

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

   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: 12-31-63

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA, County of Richland,

Filed this 21 day of December A.D. 1962 at 1:06 P.M.

C. L. Kemper
County Recorder

E. D. Parks
Deputy

Filed
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater... June 1962
Owner

Missouri Bay. Address

Lincy, Mont.

Contractor (if any)

Villario Bros., Conrad A.

Address of Contractor

Lindy, Montana

Date Started

June 1962

Date Completed

June 1962

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

Spring

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

Used 8 months out of year at least—quantity

unknown

Signature of Owner

Marvin Burrs

Date 12-31-63

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

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

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

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

Filed this ______ day of December, A.D. 1963,
at ______ o'clock P.M.

[Signature]
County Recorder
[Deputy]
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: March 1, 1961

Owner: S. V. Henderson
Address: Rte. 1, Box 131
Sidney, Montana

Contractor (if any): Kallavik Construction Co.
Address of Contractor: Sidney, Montana

Date Started: Unknown
Date Completed: July, 1963

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

Use of all springs in bed of a certain creek and its tributaries as said creek flows through the land lying South of County Road in Section 33, Twp. 28 N., Range 50 E., Richland County. Springs are to be supplemented by such well or wells in adjacent area as may be necessary to maintain appropriated flow of waters for beneficial use to adjacent lands, including Sec. 1, T, 23, S9.

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

2,000 miners
or 25 cubic feet per second, for use in
irrigation of all adjacent irrigable lands.

 Consumption of water during 1963 was from a 5 inch centrifugal pump; prior occasional use was output of 20 inch centrifugal pump.

Signature of Owner: S. V. Henderson
Date: Dec. 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.
STATE OF MONTANA
County of Richland

File this 31st day of December, 1963,
at 12:00 o'clock M.

J. E. Swanson
County Recorder

Deputy
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **S. W. Henderson**  
   (Name of Appropriator)  
   of Rte. 1, Box 111, Sidney, Montana  
   (Address)

**County of Richland**  
**State of Montana**

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

<table>
<thead>
<tr>
<th>X</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tbody>
</table>

2. The beneficial use on which the claim is based: stockwater use, household consumption, and irrigation of all lawns, gardens, and facilities used with home.

3. Date or approximate date of earliest beneficial use: and how continuous the use has been: March 1, 1941.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: lawn and garden adjacent to living quarters and barns situated on South Half of Sec. 33, T. 24 N., Range 59 E. M.M.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: two water wells approximately 300 feet apart, adjacent to buildings and within 50 feet west and south of county road.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Both wells have been in continuous operation since prior to March 1, 1941.

8. The depth of water table: About 25 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: Each well is approximately 24 inches in diameter and 25 feet in depth. Except for dry periods, water rises to approximately 10 feet of surface.

10. The estimated amount of groundwater withdrawn each year: 600,000 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: 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.
STATE OF MONTANA
County of Lincoln
Filed in __________

December 31, 1963

at __________ o'clock __________________

______________________________
County Recorder

______________________________
Deputy
# GROUNDWATER INDEX

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>SW 2</td>
<td>385790</td>
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<tr>
<td>7</td>
<td>Sarahson Adam</td>
<td>SW 2</td>
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</tr>
<tr>
<td>16</td>
<td>Schmidt Hibber</td>
<td>SW 2</td>
<td>305728</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>United States of America</td>
<td>SW 4</td>
<td>385724</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Willard Alfred</td>
<td>SW 4</td>
<td>385724</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Harlow Floyd F.</td>
<td>SW 2</td>
<td>286416</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Harlow Floyd F.</td>
<td>SW 2</td>
<td>328659</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Christensen John</td>
<td>SW 4</td>
<td>385724</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Willard Luther</td>
<td>SW 4</td>
<td>385724</td>
<td></td>
</tr>
</tbody>
</table>
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

---

**Top of Ground**

<table>
<thead>
<tr>
<th>Elev. above sea level (ft.)</th>
<th>(Elev.)</th>
<th>Top of Well (ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>120</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>119</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>118</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>117</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>116</td>
<td></td>
</tr>
</tbody>
</table>

**Drilled**

Date of Notice of Appropriation of Groundwater: 10/30/63

Date well started: 11/17/63, Date Completed: 11/17/63

Type of well: Drilled

Equipment Used: Churn drill

Water Use: Irrigation

---

**Size of Drilled Hole**

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing (inches)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6 x 8</td>
<td>110</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested

Length of Test

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

Cemented

---

Driller's License Number

Raymond J. Peterson

---

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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
## WATER WELL LOG

**Owner:** Adam Reepsteine  **Address:** Kainzview

**Driller:** Andy Marks  **Address:** Sidney

**Date Started:** May 25  **Date Completed:** May 26-59

**Location:** Sec. 8  **T. 24 R. 60 1/4 sec.**

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td></td>
</tr>
<tr>
<td>Municipal</td>
<td></td>
</tr>
<tr>
<td>Stock</td>
<td></td>
</tr>
<tr>
<td>Irrigation</td>
<td></td>
</tr>
<tr>
<td>Industrial</td>
<td></td>
</tr>
<tr>
<td>Drainage</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
</tr>
</tbody>
</table>

**Water use:** Domestic  **Type:** O.D.  **Size:** 6 in

**Casing:** 40 ft. to ft.  **Type:**  **Size:**

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

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

**Perforated or Screened:** From ft. to ft.  **Fl.**

**Type of screen or perforations:**

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

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

**Pumping water level:** 10 feet at gal. per min.

**How tested:** Railing

**Length of test:** 1 Hour

**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 15</td>
<td>Yellow clay</td>
</tr>
<tr>
<td>15 to 39</td>
<td>Quick sand</td>
</tr>
<tr>
<td>39 to 40</td>
<td>Sand and water</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Fairview

City of Fairview (Name of Appropnator)

of.

Richland (Address)

County of Richland

Fairview (Town)

(Signature of Owner)

Date 10-15-1963

File No.

Duplicate

T 24 s R 60 W

County Richland

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

Signature of Owner

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

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 Appropnator.
STATE OF MONTANA

COUNTY OF RICHLAND

Filed the 22d
day of A. D. 1903
9:40 o'clock A. M.

C. L. TUCKETT
County Recorder

Filed 7 oc
filed
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

**1. City of Fairview**

<table>
<thead>
<tr>
<th>(Name of Appropriator)</th>
<th>Fairview</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Address)</td>
<td>(Town)</td>
</tr>
</tbody>
</table>

**2. The beneficial use on which the claim is based:**
- Municipal water supply

**3. Date or approximate date of earliest beneficial use; and how continuous the use has been:**
- October 10th, 1934
- Continuous use since that date

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

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

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

**7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:**
- October 2nd, 1934 to October 10th, 1934

**8. The depth of water table:**
- 75 to 80 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:**
- The City of Fairview has one 8”-10” well, 8” screen and rated at 150 GPM
- The well has a 40-ft test well, 500’ deep, and the test shows water level at 100’ deep

**10. The estimated amount of groundwater withdrawn each year:**
- About 10 million gallons

**11. The log of formations encountered in the drilling of each well if available:**
- Clay, shale, sand, gravel, and surface water
- 41°-51° Sandy Shale
- 141°-32° Sand, gravel & surface water
- 21°-37° Sandy Shale
- 17°-31° Blue Clay

**12. Such other information of a similar nature as may be provided under the policy of this act, including reference to book and page of any county record:**

**Signature of Owner:**

**Date:** 16-14-43

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.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: CITY OF PLAVER, Address: PLAVER, MONTANA
Driller: ADAIR DRILLING CO., Address: M., MONTANA

Date of Notice of appropriation of ground water... Date Completed: August 30, 1964

Type of well: Drilled
Equipment used: Churn, drill, rotary, or other

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

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

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Strata Met</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-10</td>
<td>Clay</td>
<td></td>
</tr>
<tr>
<td>10-20</td>
<td>Sand</td>
<td></td>
</tr>
<tr>
<td>20-30</td>
<td>Gravel</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well...

Shut-in Pressure for Flowing Well...

Pumping Water Level...

Discharge in gal. per min. of flowing well...

How Tested...

Length of Test...

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

Show exact depth of bottom.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: CITY OF FAIRVIEW  Address: FAIRVIEW, MONTANA

Driller: SIMPSON DRILLING CO.  Address: MALTA, MONTANA

Date of Notice of appropriation of ground water

Date well started: Aug 30, 65  Date Completed: Sept 7, 65

Type of well: Drilled  Equipment used: Underground drill, rotary or other

Water use: Domestic  Municipal  Stock  Irrigation

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

![Diagram](image)

Show exact depth of bottom.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Quadruplicate for Appropriator.

---

File No. ---

County

<table>
<thead>
<tr>
<th>Duplicate State of Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>ADMINISTRATOR OF GROUNDWATER CODE</td>
</tr>
<tr>
<td>OFFICE OF STATE ENGINEER</td>
</tr>
</tbody>
</table>

DECEIVED
FEB 1 1965

T. 24 N. R. 60 E

Owner's Signature

Driller's License Number

Driller's Signature
STATE OF MONTANA
County of Richland,

Filed this day of A. D. 19
at 2:30 o'clock P.M.

Richland
County Recorder

[Signature]
<table>
<thead>
<tr>
<th>Date started</th>
<th>Date completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 10</td>
<td>15-59</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location</th>
<th>Sec.</th>
<th>T.</th>
<th>R.</th>
<th>A.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>8</td>
<td>24</td>
<td>60</td>
<td>1/4</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well</th>
<th>feet</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>Pumping water level</th>
<th>20 feet at gal. per min.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>How tested</th>
<th>Bailing</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Length of test</th>
<th>5 Hours</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>(over)</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>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>10</td>
</tr>
<tr>
<td>10</td>
<td>54</td>
</tr>
<tr>
<td>54</td>
<td>56</td>
</tr>
</tbody>
</table>

(Signatures and notes below table)
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: Harold M. Holland

Address: [Redacted]

Date well started: Oct. 5 - 71

Date well completed: Oct. 11 - 71

Type of well drilled: Cabled tool (Dug, driven, bored or drilled)

Equipment used: [Redacted]

Water Use: Domestic □ Municipal □ Stock □ Irrigation □

Industrial □ Drainage □ Other □ Garden/Lawn □

*Describe: [Redacted]

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

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

Driller's Signature: [Redacted]

Driller's Address: [Redacted]

--- Table ---

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>(Feet above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Yellow clay</td>
</tr>
<tr>
<td>12</td>
<td>Loam and gravel</td>
</tr>
<tr>
<td>19</td>
<td>Sand</td>
</tr>
<tr>
<td>20</td>
<td>Gravel and sand and gravel</td>
</tr>
<tr>
<td>38</td>
<td>Sand and gravel and gravel</td>
</tr>
</tbody>
</table>

Pipe length: 16 ft.

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

Power source: [Redacted]

Static water level: 14 ft.

Pumping water level: 16 ft. at 6 gallons per minute, measured 30 minutes after pumping began.

Well developed [Redacted] for [Redacted] hours.

Shallow and deep water levels [Redacted]

Remarks: [Redacted]

License No.: [Redacted]
STATE OF MONTANA
County of Richland

Filed this __________ day of __________, A.D. 19__.

[Signature]

[Signature]

[Signature]

[Signature]

Filed

Fee: $200
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

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

Developed after January 1, 1962

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: Harold M. Holland
Address: Box 497
Phone: 33-666. 26.9-1962

Date well started: Oct. 5, '71 SW 1

Type of well: Drilled

Equipment used: Cable Tool

Water Use: Domestic □ Municipal □ Stock □ Irrigation □

Industrial □ Drainage □ Other □ Garden/Lawn □

*Describe 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 Signature: Peterson
Driller's Address: Box 132

Top of Ground (Elav. above sea level): 1710

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>13.98</td>
<td>1710</td>
<td></td>
</tr>
<tr>
<td>19.30</td>
<td>1710</td>
<td></td>
</tr>
<tr>
<td>30.08</td>
<td>1710</td>
<td></td>
</tr>
<tr>
<td>38.319</td>
<td>1710</td>
<td></td>
</tr>
<tr>
<td>48.50</td>
<td>1710</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 14 ft.

Pumping water level: 10 ft.

at 676 gallons per minute measured 30 minutes after pumping began.

*Measured from ground level.

Well developed by pumping for 14 hours.

Power: 44 HP

Remarks: (Gravel packing, cementing, packers, type of shutoff) 30 ft. Show exact depth of bottom

Driller's Signature: Peterson
Driller's Address: Box 132

License No. 111
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Date of Notice of appropriation of groundwater

Date well started

Type of well

Equipment used

Well Drilled (Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use:

Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □

Indicate on the diagram the character and thickness of the 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>Doc. No.</th>
<th>Filed for record</th>
<th>N</th>
<th>W</th>
<th>S</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>X</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

18 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level

30 feet

at 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested

Boarde or pumping

Length of Test

Remarks: (Gravel packing, cementing, packers, type of shutter, natural sand or bottom-perf. screen)

32 feet.

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, since copy to be retained by driller.

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

County of Richland,

Filed this 3rd day of February A.D. 1929
at 9 o'clock A.M.

Helen M. Linder
County Recorder

Lena Olson
Deputy

filed
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Great Northern Railway Company, of 172 E. 4th Street
St. Paul, Minn.
(Name of Appropriator) (Address) (Town)

County of Richland 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>W</th>
<th>M</th>
<th>Date</th>
</tr>
</thead>
</table>

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May 1925

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

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: N/A

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

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

8. The depth of water table: N/A

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: The driven well at Fairview Station 100 ft. deep

10. The estimated amount of groundwater withdrawn each year: 100,000 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: N/A

Great Northern Railway Company

Superintendent of the Minot Division

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, state, otherwise the form will be returned.

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

Filed this ___ day of A. D. 19___
at ___ o'clock ___ M.

[Signature]
County Recorder

[Signature]
Notary
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. \text{O'Gorman Brothers, Inc.} \quad \text{of} \quad \text{Gallatin}
   
   \text{(Name of Appropriator)} \quad \text{(Address)} \quad \text{(Town)}

   
   \text{County of} \quad \text{Highland} \quad \text{State of} \quad \text{Montana}

   
   \text{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:
   
   \text{For farm and household use}

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   
   1910—continuously

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

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

   \text{So irrigation}

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

   \text{32 cylinder pump (electric)} \quad \text{RIGHT Sec. 17 T. 26 R. 66}

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:

   \text{Drilled} \quad \text{32 steel casing} \quad \text{Depth 100 ft}

10. The estimated amount of groundwater withdrawn each year: 150,000 gals.

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

   \text{Mostly gravel}

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:

   \text{0'Gorman Brothers, Inc.}

   \text{Signature of Owner} \quad \text{Secretary}

   \text{Date} \quad \text{December 30, 1960}

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
County of Richland,

Filed this 31 day of December, A. D. 1863
at 12:31 o'clock, P.M.

C. R. Kosker
County Recorder

D. L. Cook
Deputy

Lee 1863
Filed
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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

Owner:...
Address:...

Date well started:...
Type of well:...

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

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

PERFORATIONS

Static water level...
Pumping water level...
h
at...gallons per minute,
measured...minutes after pumping
begun.

Power Pump...
Remarks:...

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

Driller’s Signature:...
Driller’s Address:...

[Form continues with various entries and measurements related to well development and water use.]
STATE OF MONTANA, ss. 321319
County of Richland,
Filed this............ day of
Filed 9:30 A. M.

P.B. Hafer
County Recorder

Juno Paladichuk
County Recorder
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: Roy J. Petersen
Address: Fairview, Montana

Date of Notice of appropriation of groundwater: May 19, 1969
Date well started: May 7, 1969
Date completed: May 9, 1969

Type of well: Drilled (Chisel drill, rotary or other)
Equipment used: Cable tool

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>Top of Ground</th>
<th>(Elev above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 ft. from sand, soil</td>
<td>14 ft. from sand, soil</td>
</tr>
<tr>
<td>18 ft. coarse gravel and sand</td>
<td>18 ft. coarse gravel and sand</td>
</tr>
<tr>
<td>20 ft. coarse gravel and sand</td>
<td>20 ft. coarse gravel and sand</td>
</tr>
<tr>
<td>22 ft. coarse gravel and sand</td>
<td>22 ft. coarse gravel and sand</td>
</tr>
<tr>
<td>24 ft. coarse gravel and sand</td>
<td>24 ft. coarse gravel and sand</td>
</tr>
<tr>
<td>26 ft. coarse gravel and sand</td>
<td>26 ft. coarse gravel and sand</td>
</tr>
<tr>
<td>28 ft. coarse gravel and sand</td>
<td>28 ft. coarse gravel and sand</td>
</tr>
<tr>
<td>30 ft. coarse gravel and sand</td>
<td>30 ft. coarse gravel and sand</td>
</tr>
<tr>
<td>32 ft. coarse gravel and sand</td>
<td>32 ft. coarse gravel and sand</td>
</tr>
<tr>
<td>34 ft. coarse gravel and sand</td>
<td>34 ft. coarse gravel and sand</td>
</tr>
</tbody>
</table>

The 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

111
Ray J. Petersen
11-3-69
STATE OF MONTANA,
County of Hotel
Filed this __________ day of
December A.D. 19__
_____ __________ P.M.
Helen E. Price
County Recorder

Filed
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1935

Owner: James A. Gardner
Address: Fairview, Montana

Contractor (if any): None

Address of Contractor: None

Date Started: 1935
Date Completed: 1965

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. spring—flows through osmouth casing & pipe

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:

Year around for watering livestock

Amount not known

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

Signature of Owner: James A. Gardner
Date: December 31, 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.
STATE OF MONTANA
County of Rutland,

Filed this 31st day of Dec., A.D. 19... at 10:16 o'clock A.M.

[Signature]

[Stamp: 200]

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

Driller's Name: [Redacted]
Address: [Redacted], Helena, Montana

Date of Notice of appropriation of groundwater: June 6, 1965
Date well started: June 2, 1965
Date completed: June 4, 1965

Type of well: Dug, Driven, bored or drilled
Equipment used: Churn drill, rotary or other

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

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

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Kind of Strata</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-10</td>
<td>Loose gravel</td>
</tr>
<tr>
<td>10-20</td>
<td>Sand</td>
</tr>
<tr>
<td>20-30</td>
<td>Clay</td>
</tr>
<tr>
<td>30-40</td>
<td>Mud</td>
</tr>
<tr>
<td>40-50</td>
<td>Shale</td>
</tr>
<tr>
<td>50-60</td>
<td>Sand</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 3 feet
Shut-in Pressure for Flowing Well:
Pumping Water Level: 20 feet
Discharge in gal. per min. of flowing well:

How Tested: Drill test
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.

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 Signature: [Redacted]
Driller's License Number: [Redacted]
STATE OF MONTANA, ss.

County of Richland,

Filed this 9th day of August, A.D. 1965,
at 4:30 o'clock P.M.

E. D. Kondor

County Register

Helen Beeke

Deputy

Fee 20¢
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Jane A. Lewis, of Fairview
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based

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

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

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

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

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner: Jane A. Lewis
Date: 12-31-62

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

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

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

County of Richland, ss.

Filed this 31st day of December, A.D. 1963, at 1:45 o'clock P.M.

J. L. Kooken
County Recorder

filed

filed
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, 1968
(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

County—Richland

Helena, Montana

File No.

DUPPLICATE

DIVISION OF ARCH. & ENGR.

No. of Well: 10G

Date of Notice of appropriation of ground water: JUL 6 1966

Date well started: 25 May 1965

Date completed: 25 May 1965

Type of well: Drilled

Equipment used: 2" drill

Water use: Domestic □ Municipal □ Stock □ Irrigation □

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

<table>
<thead>
<tr>
<th>Size of Drill Bit</th>
<th>Size of Hole</th>
<th>Method of Cutting</th>
<th>Static Water Level for Non-flowing well</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot; 19#</td>
<td>Torch slots</td>
<td>0.46 ft.</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 0.46 ft.

Shut-in Pressure for Flowing Well

Pumping Water Level 26 feet

Discharge in gal. per min. of flowing well

How Tested: Filler

Length of Test: 8 hrs

Remarks: (Gravel packing, cementing, packers, etc.)

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, those copy to be retained by driller.

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

E.C. Gendron 716

Driller's Signature

1965 1.96
STATE OF MONTANA;
County of Richland,

Filed this

day of

A.D. 19

at

o'clock A.M.

Kendall Lewis
County Recorder

filed
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. United States of America of Box 2583 Billings
   (Name of Appropriator) (Address) (Town)
   County of Yellowstone 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

   3. Date or approximate date of earliest beneficial use and how continuous the use has been: 1914 and continuous

   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: not used for irrigation

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: approximately 1914

   8. The depth of water table: 4 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: depth of well: 20 feet, 4 inch casing

   10. The estimated amount of groundwater withdrawn each year: 37 acre-feet

   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: This water is used for domestic, household, stock watering and similar uses by employees of the United States or its operating agents in connection with operation of the Lower Yellowstone Federal Reclamation Project.

   UNITED STATES OF AMERICA
   Signature of Owner
   Regional Director, Region Bureau of Reclamation
   Date December 3, 1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA.
County of Richland,

Filed this ______ day of
at 11:45

Claude M. Roedel
County Recorder

R. Atchison

Filed Dec. 2, 1963