State of Montana
County of Gallatin SS.

Filed November 3, 1963
at 20:45 o'clock M.

By

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

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

William Heavner, of Manhattan, Montana

County of Gallatin 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.
   Household use or Town Irrigation

2. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   1885 to date

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

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   Electric pumping system, well next

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   1885

7. The depth of water table.
   85 ft. above lowest water table

8. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
   Well No. 1, 100 ft., driven pump

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.

Signature of Owner: William Heavner

Date: June 28, 1963

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

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

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

Filed Dec 30 1963 at
10:44 o'clock A.M.

Beverly H. Hallan
COUNTY CLERK & RECORDER

Fee $100.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Frank Miselson and Elsie L. Peterson (Address) Box 597
County of Gallatin 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 is for Household use and service station use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 18, 1950, and continuous since that date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) (35) Thirty five (35) gallons 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 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 Water drawn from the ground by deep well pump, location of well shown on plat above.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Construction of well started June 15, 1950, and completion of construction was June 18, 1950.

8. The depth of water table Thirty nine feet (39 f). Water level at continuous pumping is 63 f.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well, 6" casing, seventy four feet deep.

10. The estimated amount of groundwater withdrawn each year Estimated groundwater drawn each year is 73,000 gal. (estimated

11. The log of formations encountered in the drilling of each well if available 12 top soil 14 gravel, 13 hard pan, 10 sand and gravel, 25 limestone.

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 L. Peterson
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 Apprpropriator
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Florence R. Rending of 918 W. Cahuilla Drive
(State of Montana)
(Town)
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner

Date: April 16, 1967

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 Gallatin

April 16, 1964
4:45 o'clock P.M.

EARL WALTON
COUNTY CLERK & RECORDER

By:
DEPUTY

Fee $2.00 pd
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
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<tbody>
<tr>
<td>1</td>
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<td>LW 4</td>
<td>842</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Ricker John</td>
<td>LW 4</td>
<td>1574</td>
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</tr>
<tr>
<td>2</td>
<td>Sipe Henry</td>
<td>LW 4</td>
<td>1476</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Sunsett George T</td>
<td>LW 4</td>
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<td></td>
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<tr>
<td>4</td>
<td>Brownlow Ranch 2</td>
<td>LW 3</td>
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<tr>
<td>4</td>
<td>Brownlow Ranch 3</td>
<td>LW 2</td>
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<td>11</td>
<td>Sunsett George T</td>
<td>LW 4</td>
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<td>5</td>
<td>Range hut 3</td>
<td>LW 3</td>
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<td>10</td>
<td>Ricker Lake</td>
<td>LW 4</td>
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<td>11</td>
<td>Ricker Lake 4</td>
<td>LW 4</td>
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<tr>
<td>11</td>
<td>Ricker Lake</td>
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<td>LW 4</td>
<td>877</td>
<td></td>
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<td>12</td>
<td>Breckinridge Peter</td>
<td>LW 4</td>
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<td>13</td>
<td>Breda Ranch House</td>
<td>LW 3</td>
<td>778</td>
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<tr>
<td>14</td>
<td>James Canyon</td>
<td>LW 4</td>
<td>531</td>
<td></td>
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<tr>
<td>15</td>
<td>Trumpeter Hawk and</td>
<td>LW 3</td>
<td>520</td>
<td></td>
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<tr>
<td>15</td>
<td>Trumpeter Hawk</td>
<td>LW 3</td>
<td>520</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Sheldrake Estates</td>
<td>LW 4</td>
<td>1917</td>
<td></td>
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<td>17</td>
<td>Sheldrake Estates</td>
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<td>20</td>
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<td>Trumpeter Hawk</td>
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<td>22</td>
<td>Sheldrake Ranch 1</td>
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<td></td>
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<td>23</td>
<td>Sheldrake Ranch 2</td>
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<tr>
<td>32</td>
<td>Breckinridge Henry</td>
<td>LW 4</td>
<td>843</td>
<td></td>
</tr>
</tbody>
</table>
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

**State of Montana**

**Administrator of Groundwater Code**

**Office of State Engineer**

**Declaration of Vested Groundwater Rights**

(Name of Appropriaor)

(Address)

(Town)

(County of)

(State of)

(Tank)

L.

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

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

<table>
<thead>
<tr>
<th>Date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jan 1, 1966</td>
</tr>
</tbody>
</table>

7. The depth of water table

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

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

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

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 Appropriaor.

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.
State of Montana
County of Gallatin

Filed December 10, 1963
at 2:00 o'clock M.

EARL WILSON
COUNTY CLERK & RECORDER

By SUBP.

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

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

JOHN VISSE of R. R. #1 Manhattan
(Name of Appropriator) (Address) (Town)

County of Gallatin 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: For domestic use and irrigation of yard and garden

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

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: For building site and domestic use as indicated on diagram to left

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

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: 10 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 well is __ feet in depth with a 6" casing and 2" galvanized pipe.

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

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 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; Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Name of Appropriate: Henry Lepa
Address: Box 105, Livingston, (Town)
County of: Gallatin
State of Montana

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

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

3. Date or approximate date of a first beneficial use, and how continuous the use has been, and will continue to be indefinitely.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 40 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 methods 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: 125 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.

10. The estimated amount of groundwater withdrawn each year: 1,500,000 gallons

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: Henry Lepa
Date: 7/1/63

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 Appropiatar.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

FILE NO. T 25 R 3 E

1. George T. Senne, of R7, Box 102, Manhattan
   County of Gallatin, 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
      Dairy operation, house, family use, milk, lawn, garden

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
      1912, all times

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

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

   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:
      1912, do not know

   8. The depth of water table: 110 ft when last measured August

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
      Drilled well, 4 inch casing, 375 ft deep

10. The estimated amount of groundwater withdrawn each year: 525,000 gallon

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: George T. Senne
   Date: Dec 10 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 Appropiater.
State of Montana
County of Gallatin

Filed December 13, 1963
at 11:22 o'clock A.M.

EARL WALTON
COUNTY CLERK & RECORDER
By

Fee $2.00 pd
MONTANA BUREAU OF MINES AND GEOLOGY

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Doornbos Ranches Inc.</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Chas. White (Deed)</td>
<td>Address</td>
</tr>
<tr>
<td>Date Started</td>
<td>Jan 4-1902</td>
<td>Date Completed: June 1-1918</td>
</tr>
<tr>
<td>Location</td>
<td>Sec 6 T 2 S 3 R 1/4 sec</td>
<td>North 1/2 of 4</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
<th>Length of test</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Deg. driven, bored, or drilled)</td>
<td>(Churn drill, rotary, other)</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Water use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
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</thead>
<tbody>
<tr>
<td>Industrial</td>
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</tr>
<tr>
<td>Drainage</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
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<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to</th>
<th>ft.</th>
<th>Type</th>
<th>Size</th>
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<tbody>
<tr>
<td>Iron</td>
<td>60</td>
<td>60</td>
<td></td>
<td>6in</td>
</tr>
</tbody>
</table>

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

Type of screen or perforations

Static Water level, for non-flowing well: 6 Feet from top

Shut-in pressure, for flowing well: 8 Feet  lb./sq. in. on: (date)

Pumping water level feet at gal. per min.

How tested:

Length of test:

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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</thead>
<tbody>
<tr>
<td>60 feet</td>
<td>Clay, gravel, sand</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: DOOREMOS RANCHES INC. Address: BOZEMAN, MONT.

Driller: VAN DYKE DRILLING CO. Address: BOZEMAN, MONT.

Date of Notice of Appropriation of Groundwater

Date well started: MAY 28, 1962 Date Completed: JUNE 7, 1962

Type of well: Drilled Equipment Used: Rotary (drill, rotary or other)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>Frn (Feet)</th>
<th>To (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>16&quot; 1&quot; wall</td>
<td>0</td>
<td>103</td>
<td>2&quot; Long 23' 33' 53'</td>
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</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>93'</td>
<td>103</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well 13' feet.

Shut-in Pressure for flowing Well none.

Pumping Water Level 80' feet at 600 gal. per minute.

Discharge in gal. per min. of flowing well none.

How Tested: Turbine pump Length of Test 12 hrs.

Remarks: (Gravel packing, cementing, packers, type of shut-off, 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) 16" casing is centered in the 32" hole and annular space is gravel packed with 1/4 to 1/2 washed gravel.

Driller’s License Number

Driller’s Signature

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

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 Gallatin

Filed November 13, 1962
at 8:50 A.M.

KARL WALTON

By

GW-1 filed as #322.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

(Name of Appropriator) George J. Simmers
(Address) 80102 Manhattan

County of Gallatin

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: George J. Simmers
Date: Dec. 13, 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 Gallatin  

Filed  December 13  1963  
at  11:24  o'clock A.M.  

EARL WALKER  
COUNTY CLERK & Recorder  

Fee: $2.00  
DEPOT
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:**

**Address:**

**Driller:**

**Address:**

Date of Notice of Appropriation of Groundwater:

Date well started:

Date completed:

**Type of Well:**

Equipment Used:

(Dug, driven, bored or drilled)

(Chimney, drill, rotary or other)

**Water Use:**

Domestic

Municipal

Other

Irrigation

**Character of Water-bearing Strata and Height to which Water Rises in the Well:**

<table>
<thead>
<tr>
<th>Static Water Level for non-flowing Well</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 feet</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Short-in Pressure for Flowing Well</th>
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</thead>
<tbody>
<tr>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pumping Water Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>125 feet at 24 gal. per minute</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Discharge in gal. per min. of flowing well</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How Tested</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 hr.</td>
</tr>
</tbody>
</table>

**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)

<table>
<thead>
<tr>
<th>Driller's License Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>632</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller's Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Signature]</td>
</tr>
</tbody>
</table>

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.
State of Montana
County of Salatin

Filed Oct 11 1962
at 12:45 P.M.

Carl Walton
COUNTY CLERK & RECORDER

By J. Morrow

Fee $2.00
### Declaration of Vested Groundwater Rights

**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**

- **Name of Owner:** Henry Ulteidt
- **Address:** Manhattan
- **County:** Gallatin
- **State:** Montana

---

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

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: **1940 and continually thereafter**

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **1000 gallons per hour**

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

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: **1910**

8. The depth of water table: **70 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: **250 feet**

10. The estimated amount of groundwater withdrawn each year: **150,000 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:** Henry Ulteidt

**Date:** Nov. 27, 1963

---

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

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

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

Filed November 27, 1963 at 2:10 p.m.

EARL WALTON

COUNTY CLERK - RECORDER

By \ signature of deputy

Fee: 2.00 pd
**Declaration of Vested Groundwater Rights**

(Under Chapter 23, Montana Session Laws, 1961)

1. **Henry W. Alberdon**, of Box 99, Manhattan
   - Name of Appropriator
   - Address
   - Town

   County of **Gallatin**
   - State of **Montana**

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

   - **NE 1/4 Sec. 11, T.25 R.3 E**
     - 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.

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

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

---

Signature of Owner: ___________________________

Date: ___________________________
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1910

Owner: John Dawson, Manhattan

Contractor (if any): 

Address of Contractor: 

Date Started: 
Date Completed: 

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

Well for home use
and Total water

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

Signature of Owner: John Dawson
Date: Dec. 17, 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 Gallatin
Filed 8:10 a.m. 1963
at 10 o'clock a.m.

Deputy Recorder
By: Ed. J. Morrow

Pg. 1
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(9nder Chapter 237, Montana Session Laws, 1961)

1. John Weser, of Manhattan, Gallatin County, 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: Irrigation

3. Date or approximate date of earliest beneficial use; and how continuously the use has been from 1936 and thereafter, up to this time:

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

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: John Weser
Date: Dec. 17, 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 Appropriate.
State of Montana  ss.
County of Gallatin
Filed Dec. 16, 1962
at 11:15 o'clock M.
EARL VAULTER
COUNTY CLERK & RECORDER
By
2:00 Pd.
Fee $
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

COUNTY OF __________

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Name of Appropriate)

(Address) ____________ 318 Westillard St

County of ____________ State of Montana

I, ____________, 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. The beneficial use on which the claim is based ____________

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

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

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

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

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

8. The depth of water table ____________

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

10. The estimated amount of groundwater withdrawn each year ____________

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

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

Signature of Owner ____________

Date ____________

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

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

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

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

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

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

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
State of Montana  
County of Gallatin 
Filed 12/30/1963  
at 7:14 A.M.  
By  

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

1. Henry Brechting
   (Name of Appropriaor)
   Route 1
   Manhattan
   (Address)
   Montana (Town)

2. The beneficial use on which the claim is based
   Water for home and cattle use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   Since 1950 through

4. The amount of groundwater claimed (in inches or gallons per minute)
   1.5 C. GPM

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

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

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

8. The depth of water table
   10 ft. below surface

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

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: Henry Brechting
Date: Dec 2, 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 Appropriaor.
State of Montana
County of Gallatin

Filed: **December 10**, 1963
at 2:02 o'clock P.M.

EARL WALTON
COUNTY CLERK-RECORDER

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

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

1. **Peter Broekema**, County of **Ballina**, State of **Montana**
   (Name of Appropriator) of **Manhattan**, (Address) (Town)

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

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

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

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

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

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

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

   8. The depth of water table.

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

   10. The estimated amount of groundwater withdrawn each year.

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

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

   Signature of Owner

   Date

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

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

Original to the County Clerk and Recorder: Duplicate to the State Engineer: Tripli cate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
State of Montana  
County of Gallatin  

Filed  

5  
1953  
at  
10:30  
A.M.  

By  

Fee $  
1.00
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 12-17-1963

Owner:

Contractor (if any):

Address of Contractor:

Date Started: Date Completed:

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

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

Signature of Owner:

Date: 12-17-1963

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 Gallatin

Filed December 23, 1963
at 9:20 o'clock A.M.

EARL WALTON
COUNTY CLERK & RECORDER

Fee $2.00 paid

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

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

Henry Weston of Manhattan
(Name of Appropriator) (Address)
County of Gallatin
(Town)
State of Montana

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

2. The beneficial use on which the claim is based: general farm, household, dairying, watering livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since March 15, 1948

4. The amount of groundwater claimed (in mine'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:

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: March 15, 1968

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: 100,000 gallons a 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: Henry Weston
Date: 3/15/62

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 Appropriate.
State of Montana
County of Gallatin

Filed August 15, 1962
at 11:38 A.M.

EARL WALTON
COUNTY ATTY & RECORDER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Before 1900
Owner: Harold Wiesda
Address: Manhattan, Mont.
Contractor (if any): None
Address of Contractor: Unknown
Date Started: Unknown
Date Completed: Unknown

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

Mick Gardener Farm

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: May through August for irrigation. Estimated 50 inches

Watershed runs all year

Signature of Owner: Harold Wiesda
Date: Dec 28, 1962

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

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

Henrietta Flikkema, Route One, Manhattan

County of Gallatin, State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Approximately 103 Continuous Use

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

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

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

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

8. The depth of water table: 10 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: Drilled well - 1 inch casing

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

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

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: Henrietta Flikkema

Date: July 21, 1965

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

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

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

Filed July 21, 1965
at 10:40 A.M.

CARL L. STOGLER
CLERK-RECORDER

Fee $2.00 pd
# Water Well Log

**Owner:** Mrs. Delvaun
**Address:** Manhattan, Montana

**Driller:** C. White
**Address:** Manhattan

**Date Started:**
**Date Completed:** 1929

**Location:** Sec. 19, T. 3 N., R. 36 W., sec. 5 W. 4

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

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

**Casing:**
- 40 ft. to __________ ft. Type: perforated
- Size: __________

**Perforated or screened:**
- __________ to __________ ft. Type: __________
- Size: __________

**Static water level, for non-flowing well:** 12 feet.

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

**Pumping water level:** 15 feet at __________ gal. per min.

**How tested:** __________

**Length of test:** __________

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

(over)
Form No. 12  
8-60

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water well Log

Owner: ___________________________ Address: ___________________________

Driller: ___________________________ Address: ___________________________

Date Started: ___________________________ Date Completed: ___________________________

Location: Sec. ______ T. _____ R. _____ 1/4 sec. ________

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Auger, gravney, or drilled)</td>
<td>(Drum, drill, rotary, other)</td>
</tr>
</tbody>
</table>

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

Industrial [ ] Drainage [ ] Other [ ]

Casing: ______ ft. to ______ ft. Type: __________ Size: ______

Casing: ______ ft. to ______ ft. Type: __________ Size: ______

Casing: ______ ft. to ______ ft. Type: __________ Size: ______

Perforated or screened: ______ ft. to ______ ft. ______ ft. to ______ ft. ______

Type of screen or perforations:

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

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

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

How tested: ___________________________

Length of test: ___________________________

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

(over)
**Form No. 18**

**S-60**

**MONTANA BUREAU OF MINES AND GEOLOGY**
Butte, Montana

**Water Well Log**

- **Owner**
- **Address**
- **Driller**
- **Address**
- **Date Started**
- **Date Completed**
- **Location**: Sec. [Section Number], T. [Township Number], R. [Range Number], W. [Range Meridian], S. [Range Meridian]

**Type of well**

- **Type**
- **Equipment used**

**Water use**

- **Domestic**
- **Municipal**
- **Stock**
- **Irrigation**
- **Industrial**
- **Drainage**
- **Other**

**Casing**

- **Height**
- **Type**
- **Size**

**Perforated or screened**

- **Height**
- **Type**
- **Size**

**Static water level, for non-flowing well**

- **Height**

**Shut-off pressure, for flowing well**

- **Height**
- **lb./sq. in. on:**
- **Date**
- **(ams)**

**Pumping water level**

- **Height**
- **Feet at:**
- **Gallons per min.**

**Now tested**

- **Date**

**Length of test**

- **Hours**

**Remarks**

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

---

*(over)*
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuously use has been. Approximately 1920

4. The amount of groundwater claimed (in miner’s inches or gallons per minute). 15 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. Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Approximately 1920

8. The depth of water table. 10 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. Drilled well- 50 ft. depth, 6 in. casing

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

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

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. Henrietta Philke

Date. July 21, 1965

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

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

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

Filed: July 21, 1969
at 10:30 a.m.

CARL L. STUCKY
COUNTY CLERK & RECORDER

Fee $2.00 pd

DEPUTY
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

(Name of Appropriator) (Address) (Town)

County of State of

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

2. The beneficial use on which the claim is based

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

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

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

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

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner

Date

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

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

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

Filed July 21, 1965
at 10:35 a.m.

CARL L. STUCKI
COUNTY CLERK & RECORDER
Deputy

Fee $2.00 pd.
Declaration of Vested Groundwater Rights
(Under Chapter 231, Montana Session Laws, 1961)

Northern Pacific Railway Co.
(Name of Appropriator) of Stockyards
(Town)

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

2. The beneficial use on which the claim is based

Stockyard facilities

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

June 9, 1952 to present

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

None

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

Electric well pump

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

Begun June 1952 Completed June 9, 1952

8. The depth of water table

20 feet

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

6 inch drilled well, 42 feet deep

10. The estimated amount of groundwater withdrawn each year

75,000 gallons

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

See attached Log 53

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

None

Signature of Owner

Date

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology; and quadruplicate for the Appropriator.
ANCENEY, MONT. STOCK YARD WELL, A.F.E. 660-52.
6" Well, 42' Deep.
Drilled by Von Dyken Drilling Co., Bozeman, Mont.
Work begun, June 52, completed 6/9/52.

Ground line

42' of 6" well casing.

42' Sandy loam.

ic Water level

20'

42' Vertical Scale 1"=10'

Water Analysis, 9/8/52.
Calcium bicarbonate 7.8 G.P.G. Expressed as CaCO₃
Magnesium " 3.2 "
Sodium " 0.6 "
" carbonate 0.0 "
" sulfate 0.4 "
" chloride 1.6 "
Silica 2.38 "
Iron 0.1 P.P.M.

Total dissolved solids 13.6 G.P.G. (actual)
Turbidity 5

Note: See file 1616 for data on well, Office of Engineer
of Water Service, St. Paul.

[Diagram of Stock Yard]
Form No. 18  
8-60

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

<table>
<thead>
<tr>
<th>County</th>
<th>Gallatin</th>
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<tbody>
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**RECEIVED**  
JAN 4 1962

**STATE ENGINEER**

**Water Well Log**

Owner: School Dist 61  
Address: Manhattan

Driller:  
Address:  

Date Started:  
Date Completed:  

Location: Sec. 22, T. 18, R. 3E  

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
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</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>(Shaft, drill, rotary, other)</td>
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</tbody>
</table>

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

**Casing:**  
1 ft. to 35 ft.  
Type:  
Size:  

2 ft. to  
Type:  
Size:  

3 ft. to  
Type:  
Size:  

**Perforated or screened:**  
Type:  

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

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

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

**How tested**

**Length of test**

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

(over)