STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner

Address

Contractor (if any)

Address of Contractor

Date Started

Date Completed

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

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

Signature of Owner

Date

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Appraiser.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. **Leonard D. Steinbach**
   (Name of Appropriator)
   **Montague, Montana**
   (Address)

   County of **Chouteau**
   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
      - **Human and Stock**

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      - Continuous since 1926

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
      - 50 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
      - No Irrigation

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
      - SE 1/4 NE 1/4

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      - 1924

   8. The depth of water table
      - Unknown

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

   10. The estimated amount of groundwater withdrawn each year
        - Unknown

   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
        - Unknown

   **Signature of Owner**: Leonard D. Steinbach
   **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 School of Mines and Quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>16</td>
<td>Robert E. Pointer</td>
<td>CYY</td>
<td>196000</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Robert E. Pointer</td>
<td>CYY</td>
<td>196000</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Alvarado Inc.</td>
<td>CYY</td>
<td>196000</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Alm &amp; Collins</td>
<td>CYY</td>
<td>196000</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Bay Collins</td>
<td>CYY</td>
<td>196000</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>R. V. Farmer</td>
<td>CYY</td>
<td>196000</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>R. V. Farmer</td>
<td>CYY</td>
<td>196000</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Harold K. Farmer</td>
<td>CYY</td>
<td>196000</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Harold K. Farmer</td>
<td>CYY</td>
<td>196000</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Harold K. Farmer</td>
<td>CYY</td>
<td>196000</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Harold K. Farmer</td>
<td>CYY</td>
<td>196000</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Alvarado Inc.</td>
<td>CYY</td>
<td>196000</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Alvarado Inc.</td>
<td>CYY</td>
<td>196000</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Alvarado Inc.</td>
<td>CYY</td>
<td>196000</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Alvarado Inc.</td>
<td>CYY</td>
<td>196000</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Alvarado Inc.</td>
<td>CYY</td>
<td>196000</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>Alvarado Inc.</td>
<td>CYY</td>
<td>196000</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>Alvarado Inc.</td>
<td>CYY</td>
<td>196000</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Alvarado Inc.</td>
<td>CYY</td>
<td>196000</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Alvarado Inc.</td>
<td>CYY</td>
<td>196000</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>Alvarado Inc.</td>
<td>CYY</td>
<td>196000</td>
<td></td>
</tr>
</tbody>
</table>
## WATER WELL LOG

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>THOMAS HANSEN</td>
</tr>
<tr>
<td>Driller</td>
<td>Address</td>
</tr>
<tr>
<td>Date Started</td>
<td>Date Completed</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 4 T. 32 K. 14 R. 34 sec. 88/52</td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Churn drill, rotary, other</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic, Municipal, Stock, Irrigation</td>
</tr>
<tr>
<td>Casing</td>
<td>Type 6 in. Size</td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td>Ft. to Ft.</td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well</td>
<td>45 feet</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well</td>
<td>lb./sq. in. on: (date)</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>52      feet at 8 gal. per min.</td>
</tr>
<tr>
<td>How tested</td>
<td>Pump</td>
</tr>
<tr>
<td>Length of test</td>
<td>24 hrs</td>
</tr>
<tr>
<td>Remarks</td>
<td>Gravel packing, cementing, packers, type of shut-off, depth of shut-off</td>
</tr>
<tr>
<td></td>
<td>Drilled and cased into Virgille sand rock</td>
</tr>
</tbody>
</table>

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

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. ________________________ of ________________________
   (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 School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. "Robert E. Brink
   (Name of Appropriate)
   (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 School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. [Name of Appropriator] of [Address] (Name of Appropriator) (Address) (Town)

   County of [County] State of [State]

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

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been since June 1, 1959:

   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: [Date]

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Name, Site, and Type of Use, Town, Address, and County and State

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 School of Mines and quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

State of Montana
Administrator of Groundwater Code
Office of State Engineer

Helen Grant, Leota Grant and Margarette C.
(Name of Appropriator)

Carpenter, 2900 4th Ave. N. 8th.
(Address)

Great Falls
(Town)

County of Cascade

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 and stock water

2. The date or approximate date of earliest beneficial use, and how continuous the use has been: 1923 and since

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 gal. 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: all with electric pump

6. The depth of water table: 80 ft. well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1923

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: Helen Grant, Leota Grant, Margarette C.

Date: Nov. 20, 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 CHouteau

Filed DEC 16 1963

M. J. Scanlan
County Clerk

T. L. Folsom
Deputy

2 nd Filed
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapt. 37, Montana Session Laws, 1961)

1. Glen L. Collins, of Geraldine, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: Household and Agricultural Weed Spraying.

3. Date or approximate date of earliest beneficial use: 1960.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 30 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: Jet Pump combined with Pressure System.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Wall was drilled and pump installed in August 1960.

8. The depth of water table: Approximately 40 ft. to water.

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: Wall drilled to a depth of 70 ft., and cased with 8 in. steel casing. Pumped by 1 hp, 3 stage deep well jet type pump.

10. The estimated amount of groundwater withdrawn each year: 36,500 gallons.

11. The log of formations encountered in the drilling of each well: If available. Ground formation is heavy adobe with alternate layers of sand. Main source of water is in gravel and quicksand at a level of from 55 to 70 ft. below the ground surface. Actual log of formations is 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: No previous recorded records on this well.

Signature of Owner: Glen L. Collins, Date: December 27, 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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Clay Collins, of Montague
   (Name of Appropriator) (Address) (Town)
   County of Montana 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 and stock water

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

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Sept. 1925

8. The depth of water table 15 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 and cased to 65 feet

10. The estimated amount of groundwater withdrawn each year 72,000 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 12/11/1963

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

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

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

25960
STATE OF MONTANA
COUNTY OF CHOUTEAU

DEC 23 1963

Filed

\[\text{[Signature]}\]
Clerk

\[\text{10:00 AM}\]
By
Paid

\[\text{[Signature]}\]
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Law, 1961)

1. **Guy Collins**, of **Montana**
   - **County**: Choteau
   - **State**: 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 and Stock Water

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

   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 average and description of the lands to which water has been applied and name of the well thereof:

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
      - 1912

   8. The depth of water table: 55 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 and cased to 20 feet

   10. The estimated amount of groundwater withdrawn each year: 36,000 gallons

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

   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**: 1/2/1963

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 School of Mines and quadruplicate for the Appropriator.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Wall #1 - about 1914, and producing satisfactorily; Wall #2 - Sept. 1928, and producing satisfactorily.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): about 2 gallons per minute on each well.

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: each well has a pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Wall #1 - about 1914; Wall #2 - Sept. 1928.

8. The depth of water table: Wall #1 - about 8 feet; Wall #2 - about 6 feet.

9. So far as may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Wall #1 - deep well 30 foot deep, and about a 4 foot diameter rock casing; Wall #2 - drilled well 130 foot deep, with a 6 inch iron casing.

10. The estimated amount of groundwater withdrawn each year: about 100,000 gallons from both wells.

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

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

Signature of Owner: R. D. Farmer
Date: 12-30-63

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 School of Mines and Quadruplicate for the Appropriator.

23
<table>
<thead>
<tr>
<th>COUNTY OF WILSON</th>
<th>STATE OF MONTANA</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>ADDRESS</strong></td>
<td><strong>MILEAGE</strong></td>
</tr>
<tr>
<td>123 Main St.</td>
<td>0.5</td>
</tr>
<tr>
<td>456 Elm Ave.</td>
<td>5.2</td>
</tr>
<tr>
<td>789 Oak Rd.</td>
<td>3.1</td>
</tr>
</tbody>
</table>

**STATE**

- **John Doe**
  - **Position**: County Commissioner
  - **Signature**

**DATE**

- **June 15, 2023**

**COUNTY COMMISSIONER**

- **John Doe**
  - **Position**: County Commissioner
  - **Signature**

**COUNTY TREASURER**

- **Jane Smith**
  - **Position**: County Treasurer
  - **Signature**

**Clerk of the County**

- **Robert Johnson**
  - **Position**: Clerk of the County
  - **Signature**

**Secretary to the County**

- **Mary Brown**
  - **Position**: Secretary to the County
  - **Signature**

**Surveyor to the County**

- **David Green**
  - **Position**: Surveyor to the County
  - **Signature**
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. R. D. Farmer, of Geraldine, Montana
   (Name of Appropriator) (Address) (Town)

County of Chouteau 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 and household water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been - well #1 - Sept. 15, 1954, and producing satisfactorily since.
   well #2 - Oct. 8, 1955, and producing satisfactorily since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) - each well produces about 2 gallons of water 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 - name...

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal - each well has a pump to withdraw the water.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater - well #1 completed September 15, 1954.
   well #2 completed October 8, 1955.

8. The depth of water table - each well has an approximate depth of 40 feet water level.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. - well #1 - 128 foot deep with 4 inch casing (iron).
   well #2 - 124 foot deep with 6 inch iron casing.

10. The estimated amount of groundwater withdrawn each year - 250,000 gallons from both wells.

11. The log of formations encountered in the drilling of each well if available - well #1 - log information should be available from William Fuller, Geraldine, Mont.
    well #2 - log information should be available from Rosebud Pvt., St. Falls, Mont.

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 to my knowledge.

Signature of Owner: R. D. Farmer
Date: December 30, 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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

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

2. The beneficial use on which the claim is based
   [not used at present]

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1915

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   [5 gal 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
   [Signature of Owner]

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal—
   [hand pump and gasoline motor]
   [Signature of Owner]

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1915

8. The depth of water table 50 ft.

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

10. The estimated amount of groundwater withdrawn each year
    [Signature of Owner]

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

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]

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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Harold J. Farmer
   (Name of Appropriator)
   404 Jules Mont
   (Address)
   Geraldine
   (Town)
   County of Chouteau
   State of Mont
   
   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 continuous the use has been
      1915

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
      5 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
      10 acres, farms

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      1915

   8. The depth of water table
      50 ft.

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
      8 in. casing, 18 ft. deep

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

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

   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
   Harold J. Farmer
   Date: Dec. 31, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriate.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. **Harold H. Farmer**, 900 Ninth Avenue, Great Falls, Montana
   (Name of Appropriator) (Address) (Town)

   County of Chouteau, 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: Irrigation

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1915 Continuous

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1915

   8. The depth of water table: 50 ft

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

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

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

   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: **Harold H. Farmer**

   Date: Dec. 31, 1963

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

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

   Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
# WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Max F. Eirhoff</th>
<th>Address</th>
<th>St. Louis, Missouri</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td></td>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td>June 1918</td>
<td>Date Completed</td>
<td>July 1918</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 32 T. 23 R. 11 E.</td>
<td>Sec. 32 T. 23 R. 11 E.</td>
<td></td>
</tr>
</tbody>
</table>

- **Type of well:** (Dig, driven, bored, or drilled) (Churn drill, rotary, other)
- **Equipment used:** Pick & shovel
- **Water use:** Domestic [x] Municipal [ ] Stock [x] Irrigation [ ]
- **Industrial [ ] Drainage [ ] Other: [ ]**
- **Casing:**
  - Initial ft. to ft. [ ] Type [ ] Size [ ]
  - Additional ft. to ft. [ ] Type [ ] Size [ ]
- **Perforated or Screened:**
  - Type [ ] Size [ ]
  - Ft. to Ft. [ ]
- **Type of screen or perforations:**
  - [ ]
- **Static Water level, for non-flowing well:** feet [ ]
- **Shut-in pressure, for flowing well:** lb./sq. in. on: (date) [ ]
- **Pumping water level:** feet at gal. per min. [ ]
- **How tested:** [ ]
- **Length of test:** [ ]
- **Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 ft. 3½ x 3½ ft.</td>
<td>White cedar boards for covering 16 ft. long.</td>
</tr>
<tr>
<td></td>
<td>Soil white or yellow clay mixed with sand at bottom.</td>
</tr>
<tr>
<td></td>
<td>Water started to come in the hole, contell the clay</td>
</tr>
<tr>
<td></td>
<td>and sand get it sticky, to dig any farther down I used</td>
</tr>
<tr>
<td></td>
<td>a excavator, trying to find out up to what formation</td>
</tr>
<tr>
<td></td>
<td>was deeper down, and I hit some soft formation</td>
</tr>
<tr>
<td></td>
<td>I pushed the five foot timber down by hand and</td>
</tr>
<tr>
<td></td>
<td>almost lost it, I figured it was quick sand down deeper,</td>
</tr>
<tr>
<td></td>
<td>I pumped four feet of water but, twice a day, enough</td>
</tr>
<tr>
<td></td>
<td>for house and eight feet of stock</td>
</tr>
<tr>
<td></td>
<td>There is a clay crust running through the south east</td>
</tr>
<tr>
<td></td>
<td>part that has a three inch crust on top, of a sand</td>
</tr>
<tr>
<td></td>
<td>clatine. I augered through the crust down to the</td>
</tr>
<tr>
<td></td>
<td>sand at numerous places with intention of</td>
</tr>
<tr>
<td></td>
<td>trapping water and using it for the future this</td>
</tr>
<tr>
<td></td>
<td>I don't know yet.</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. Eric W. Anderson, of Choteau, State of Montana
   County of Chouteau, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been since
      1944 continuous

   4. The amount of groundwater claimed (in miner's inches or gallons per minute) about 15 gal. 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

   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
      1944

   8. The depth of water table

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
      Well 50' deep with 10' head
      Cased with 4' I.D. steel casing

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

   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: Eric W. Anderson
       Date: Sept. 23, 1965

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA, NOU
COUNTY OF CHOUTEAU, ID

Filed to December 2, 1969

George Nage
County Clerk

Date of Filing

1969
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Eric W. Anderson, of Ravendale

(Address) (Town)

County of Chouteau

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 1927 and

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

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

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

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

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 50,000 gal.

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 Sept. 22, 1965

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Elmer H. Dermond</td>
<td>G.W.</td>
<td>347119</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Delight Hayth and lotion Cordes</td>
<td>G.W.</td>
<td>346622</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Thomas S. Bomar</td>
<td>G.W.</td>
<td>347668</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>A.V. lambrecht</td>
<td>G.W.</td>
<td>346229</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Western Windfarm</td>
<td>G.W.</td>
<td>347002</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Bernard Schlemmu</td>
<td>G.W.</td>
<td>346576</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Bernard Schlemmu</td>
<td>G.W.</td>
<td>346576</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Bernard Schlemmu</td>
<td>G.W.</td>
<td>346577</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Harold Gremmage</td>
<td>G.W.</td>
<td>342073</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Mrs. Elmer H. Dermond</td>
<td>G.W.</td>
<td>347117</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Mrs. H. Dermond</td>
<td>G.W.</td>
<td>347119</td>
<td></td>
</tr>
</tbody>
</table>
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Elmer G. Daniel, of Geraldine, Chouteau 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: Stock Water

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1200 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: 20 acres, described as... (signature)

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

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

8. The depth of water table: 15 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Will be 300 ft deep, and will yield 50 gals per minute. Well is located at... (signature)

10. The estimated amount of groundwater withdrawn each year: 1000,000,000 gals

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

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

Signature of Owner: Elmer G. Daniel
Date: Dec 12, 1963

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

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

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

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

Delbert Heydt and Wilma Cordoro

County of Chouteau

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:

   Cattle and household water

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

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

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

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

8. The depth of water table: 60 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 170', depth 6" casing

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

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

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: Wilma Cordoro

Date: 12/23/63

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 School of Mines and Quadruplicate for the Appropriator.

25996
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Thomas B. Brown
   912 4th Ave. No
   Great Falls
   (Name of Appropriator) (Address) (Town)

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

   2. His statement on which the claim is based, for livestock watering

   3. Date or approximate date of earliest beneficial use, from which continuous use began, 1915

   4. The amount of groundwater claimed (in gals or cfs) with ordinary use, has been able to pump dry

   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

5. 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, well drilled in 1915, completed same year.

   8. The depth of water table, drilled 185 feet; about 85 feet of water in casing

   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, 5 inch casing 185 feet deep, windmill driven with electric motor used when necessary

   10. The estimated amount of groundwater withdrawn each year enough to water 100 head of cattle

   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 references to book and page of any county record

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

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

   Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Appropiotor.

   Signature of Owner

   Date: December 23rd 1963
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. **Thomas B. Brown**
   - Address: 8th Ave. No.
   - Town: Great Falls
   - County of Cascade
   - 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 purposes**

3. Date or approximate date of earliest beneficial use and how continuous the use has been **Aug. 1923 and used continuously since**

4. The amount of groundwater claimed (in miner's inches or gallons per minute); This well produces about 400 gal 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 **no**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. **Pumping with electric motor; situates S.E. 1/4 Section 12, Twp 23 N of Range 12 East M. P. W.**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **completed in 1923 same year as dug**.

8. The depth of water table **Sixteen feet**

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater **Well is 16 feet deep with metal casing four feet in diameter**

10. The estimated amount of groundwater withdrawn each year **just enough for two dwellings**.

11. The log of formations encountered in the drilling of each well if available **Sandy, clay mixed with 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 **No filing made of this well**.

Signature of Owner: [Signature]
Date: December 23rd, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Self-Exempt Law, 1961)

1. O. V. and Ruth Landmark, of 720 Fourth Ave. N., Great Falls, Montana
   (Name of Appropriator) (Address) (Town)

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

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 1952, very c.v.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 30, gal. per minute

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

   6. The means of withdrawing such water from the ground and the formation 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. As far as it may be available, the name, 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: 306,000 gal. per yr.

   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: L. V. and Ruth Landmark
   Date: Dec. 20, 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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

   (Name of Appropriator) (Address) (Town)

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

2. The beneficial use on which the claim is based _____________________________
   Livestock water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1943 and used continuously.

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. Not applicable.

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 1943.

8. The depth of water table 60 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 with a 60-foot casing and 115 feet deep.

10. The estimated amount of groundwater withdrawn each year 2000 gallons.

11. The log of formations encountered in the drilling of each well if available. Not applicable.

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. Not applicable.

Signature of Owner ____________________________ Date 12-30-1963

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 School of Mines and Quadruplicate for the Appropriator.

26314
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Bernard Schlemmer, of Geraldine
   (Name of Appropriator) (Address) (Town)

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

2. The beneficial use on which the claim is based

   Stockwater

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   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
   None

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

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

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
   Drilled well 173 feet deep

10. The estimated amount of groundwater withdrawn each year
    432,000 gals

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

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

   Signature of Owner: Bernard Schlemmer
   Date: December 19, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.

25957
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Bernard Schumacher, of Geralda, County of Chouteau, 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...May 1955, Continuous...

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

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...December 19, 1963...

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

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

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

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Bernard Schlemmer ........................................ of Geraldine 
   (Name of Appropriator) (Address) (Town)

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

2. The beneficial use on which the claim is based: Stockwater and farm garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: July 1935. Continuous

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

5. If used for irrigation, give the section and description of the lands to which water has been applied: Name of the owner thereof: Farm. Garden: irrigation. Bernard Schlemmer. Frank Schlemmer and Alfred Schlemmer owners.

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

   Pump: NE 1/4 SE 1/4 Sec. 29. T. 23 N. R. 33 E. WM

   Indicate point of appropriation and place of use, if possible. Each 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: July 1935

8. The depth of water table: 55 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: Dug well; 1 1/2 feet casing; 127 feet.

10. The estimated amount of groundwater withdrawn each year: 1,160,000 gallons

11. The log of formations encountered in the drilling of each well if available: Bluff clay to bottom

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: Bernard Schlemmer

   Date: December 18, 1963

Three copies to be filed by the officer 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.
<p>| | | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

# 346 8-7

STATE OF MONTANA
COUNTY OF CHUTEAUX

Filed

1:30

County Clerk

Deputy
### Water Well Log

#### Location:
- Section: 23
- Township: 12
- Range: E

**Appropriation of Groundwater**

**Date Completed:** Sept 20, 62

**Equipment Used:** Rotary

**Shale Layers and Other**

<table>
<thead>
<tr>
<th>Layer</th>
<th>Description</th>
<th>Thickness</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>1897-1310</td>
<td>Dark grey shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1910-1446</td>
<td>Blue shale sandstone</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1946-1652</td>
<td>Blue shale layers sandstone</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1866-1857</td>
<td>Blue shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1857-1897</td>
<td>Sandstone</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1857-1910</td>
<td>Red shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1910-1970</td>
<td>Blue shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1970-1995</td>
<td>Sandstone</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Fluoride Content:**

- **Fluoride:** 0.05 ppm

**Drill String:**

- **Flushing:** Water

**Discharge:**

- **Flowing:** 16 gpm

**Remarks:**

- **Gravel packing:** None
- **Cementation:** Standard
- **Location of Well:** Near river
- **Number of acres irrigated:** 12

**Static Water Level:**

- **Non-flowing:** 2262 ft

**Shut-in Pressure for Flowing Well:**

- **Approx. 80 psi**

**Pumping Water Level:**

- **Height:** 2262 ft

**Discharge:**

- **Average:** 16 gpm

**How Tested:**

- **Length of Test:** 24 hours

**Remarks:**

- **Water quality:** Good
- **Location:** Near town
- **Irrigation:** Yes

**Condition:**

- **Volume:** Adequate

**File No.:** 10011

**Date:** 12/12/62

**Remarks:**

- **Cementation:** Standard
- **Location of Well:** Near river
- **Number of acres irrigated:** 12

**Diagram:**

- **Legend:**
  - Municipal
  - Stock
  - Irrigation
  - Drainage
  - Other

**Note:** Each small square represents 10 acres.

**Signed:**

- **Engineer:**
- **Notary:**

---

**MONTANA STATE ENGINEER**

**County:** Choteau

**Appropriation of Groundwater**

**Date:** 12/12/62

**Remarks:**

- **Cementation:** Standard
- **Location of Well:** Near river
- **Number of acres irrigated:** 12

**Condition:**

- **Volume:** Adequate

**File No.:** 10011

**Date:** 12/12/62

**Remarks:**

- **Cementation:** Standard
- **Location of Well:** Near river
- **Number of acres irrigated:** 12

**Diagram:**

- **Legend:**
  - Municipal
  - Stock
  - Irrigation
  - Drainage
  - Other

**Note:** Each small square represents 10 acres.

**Signed:**

- **Engineer:**
- **Notary:**

---
Notice of Completion of Groundwater Appropriation by Means of Well

State of Montana
Administrator of Groundwater
Office of State Engineer

Notice of Completion of Groundwater
Appropriation by Means of Well

Driller: T & M DRILLING CO. Address: Stanford

Date of Notice of Appropriation of Groundwater: Aug. 1st, 62

Date Completed: Sept. 20, 62

Type of Well: Drilled

Equipment Used: Rotary

(Churn, drill, rotary or 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>Layer</th>
<th>Starting Depth (Feet)</th>
<th>Ending Depth (Feet)</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>108-1797 Blue Shale &amp; Sandstone</td>
<td>1280</td>
<td>1384</td>
<td>50 feet of gravel</td>
</tr>
<tr>
<td>1797</td>
<td>108</td>
<td>1280</td>
<td>50 feet of gravel</td>
</tr>
<tr>
<td>108-1797 Red Shale</td>
<td>1280</td>
<td>1384</td>
<td>50 feet of gravel</td>
</tr>
<tr>
<td>1797</td>
<td>108</td>
<td>1280</td>
<td>50 feet of gravel</td>
</tr>
<tr>
<td>108-1797 Sandstone</td>
<td>1280</td>
<td>1384</td>
<td>50 feet of gravel</td>
</tr>
<tr>
<td>1797</td>
<td>108</td>
<td>1280</td>
<td>50 feet of gravel</td>
</tr>
<tr>
<td>108-1797 Blue Sandstone</td>
<td>1280</td>
<td>1384</td>
<td>50 feet of gravel</td>
</tr>
<tr>
<td>1797</td>
<td>108</td>
<td>1280</td>
<td>50 feet of gravel</td>
</tr>
<tr>
<td>108-1797 Sandstone</td>
<td>1280</td>
<td>1384</td>
<td>50 feet of gravel</td>
</tr>
<tr>
<td>1797</td>
<td>108</td>
<td>1280</td>
<td>50 feet of gravel</td>
</tr>
<tr>
<td>108-1797 Red Shale</td>
<td>1280</td>
<td>1384</td>
<td>50 feet of gravel</td>
</tr>
<tr>
<td>1797</td>
<td>108</td>
<td>1280</td>
<td>50 feet of gravel</td>
</tr>
<tr>
<td>108-1797 Blue Shale &amp; Sandstone</td>
<td>1280</td>
<td>1384</td>
<td>50 feet of gravel</td>
</tr>
<tr>
<td>1797</td>
<td>108</td>
<td>1280</td>
<td>50 feet of gravel</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: feet.

Shut-in Pressure for Flowing Well: Approx. 80 psig.

Pumping Water Level: feet at gal. per minute.

Discharge in gal. per min. of flowing well: 10 gpm plus.

How Test: 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 in annulus with 12 socks cemented.

show exact depth of bottom. 2282

Driller's Signature: T & M DRILLING CO.

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, 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.

T & M DRILLING CO.

Driller's Signature: T & M DRILLING CO.
STATE OF MONTANA
COUNTY OF CHOUTAU, L.

Filed  NOV 8 1902 19
at 10:15 o'clock A.M.

George W. Harvey
County Clerk

Ira M. Harris
Deputy

2:30, Paid