OWNER: Frank Chamberlain  
ADDRESS: Kalispell, Montana

DRILLER: Henry Priles  
ADDRESS: Kalispell, Montana

DATE STARTED: Oct. 2, 1961  
DATE COMPLETED: Oct. 6, 1961

LOCATION: Sec. 26, T. 2 N, R. 97 W  

TYPE OF WELL: Drilled

EQUIPMENT USED: rotary

WATER USE: Stock [x]

Casing: 0 ft. to 134 ft. Type steel pipe  Size 4"  
Casing: ft. to ft. Type  Size  
Casing: ft. to ft. Type  Size

PERFORATED: Ft. 30 to ft. Ft. to ft.

TYPE OF SCREEN OR PERFORATIONS: round hole

STATIC WATER LEVEL, FOR NON-FLOWING WELL: 60 feet

SHUT-IN PRESSURE, FOR FLOWING WELL: lb. sq. in. on: (date)

PUMPING WATER LEVEL: 60 feet at 8 gal. per min.

HOW TESTED: bailung

LENGTH OF TEST: 1 hour

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>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 2</td>
<td>top soil</td>
</tr>
<tr>
<td>2 - 10</td>
<td>yellow sand</td>
</tr>
<tr>
<td>10 - 45</td>
<td>grey shale</td>
</tr>
<tr>
<td>45 - 46</td>
<td>rock</td>
</tr>
<tr>
<td>46 - 75</td>
<td>dark shale</td>
</tr>
<tr>
<td>75 - 110</td>
<td>blue shale</td>
</tr>
<tr>
<td>110 - 120</td>
<td>sand shale</td>
</tr>
<tr>
<td>120 - 134</td>
<td>water sand</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Counties and Towns

<table>
<thead>
<tr>
<th>No.</th>
<th>Sec.</th>
<th>M.</th>
<th>R.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. The beneficial use to which the claim is based: Domestic and Livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Well No. 1, first used and withdrawn in 1955, and is used in the common manner.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 12 to 18 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 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. 1960.

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. 5000.

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

12. 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 County Clerk and Recorder.

Date: Dec 31, 1963.

This form is 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 Reclamation and Geology; Quadruplicate for the Appropriate.
Filed for Record

9:39 A.M.

DEC 07 1982
Jane M. Brewster

Feeds $2.00
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>Anton Quam</td>
<td></td>
<td>Ekalaka</td>
</tr>
</tbody>
</table>

**County of**

Carter

**State of**

Montana

**Declaration of Vested Groundwater Rights**

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** and **livestock**.

3. Date or approximate date of earliest beneficial use and how continuously the use has been used for livestock purposes in 1943 and continuously since then. Sprinkler system installed in 1951 and used off and on since then.

4. The amount of groundwater claimed (in miner’s degrees or gallons per minute) when sprinkler system is used.

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. 40 Acres, in section 27 and section 28.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Irrigation pump, sprinkler system.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Live stream — acquired in 1943 and used continuously since then for livestock purposes. Sprinkler system installed in 1951 and used off and on since that time.

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. Six inch sprinkler pipe.

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**

Anton Quam

**Date**

December 26, 1963.

The form must be filled out 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.

Delivered to the County Clerk and Recorder, Lieutenant to the State Engineer, triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
Mr. Anton Quam, Ekalaka, Montana

February 26, 1964

December 26, 1963

from Beaver Creek.
Declaration of Vested Groundwater Rights

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Decleration of Vested Groundwater Rights
(Under Chapter 21, Montana Session Laws, 1961)

1. JOHN A. ATE
   511 Main
   Miles City
   (Name of Appropriatee)
   (Address)
   (Town)
   County of Custer
   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 irrigation

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1890

   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: 10 acres, out of 32 acres of Section 29, T. 2 N., R. 57 E., Carter County

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: about 1890, exact is not known

   8. The depth of water table: 180 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, 6" casing about 180 feet

   10. The estimated amount of groundwater withdrawn each year: 30 acre-feet

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

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

   Signature of Owner: 
   Date: 1-2-64

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 Appropriatee.

25.00
DUPLICATE

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Woodrow and Alva Evalt
(Name of Appropriator) Broadus
(Address) (Town)

of Carter State of Montana

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

2. The beneficial use on which the claim is based

stock water

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

1923 continuous use

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

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

spring flows from ground

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

NONE

8. The depth of water table

ten to twelve 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

flows into a drift, by 20 ft., and ten ft.

10. The estimated amount of groundwater withdrawn each year

35,000 gal.

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 set, including reference to book and page of any county record

Signature of Owner

Date

These papers 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.

Originated 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)

Floyd Pierce

County of

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 a[ ] 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 purposes 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.
**MONTANA BUREAU OF MINES AND GEOLOGY**

**Butte, Montana**

**WATER WELL LOG**

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 100 ft.</th>
<th>Type: Black Tubing</th>
<th>Size: 4 in.</th>
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</thead>
<tbody>
<tr>
<td>Casing:</td>
<td>93 ft. to 178 ft.</td>
<td>Type: Black Tubing</td>
<td>Size: 3 in.</td>
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<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td></td>
<td>Type:</td>
<td>Size:</td>
</tr>
<tr>
<td>Perforated or Screened: 168 ft. to 178 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

**Pumping water level:**

**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>
</tr>
</thead>
<tbody>
<tr>
<td>From 0</td>
<td>To 5</td>
</tr>
<tr>
<td>From 5</td>
<td>To 40</td>
</tr>
<tr>
<td>From 40</td>
<td>To 75</td>
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<tr>
<td>From 75</td>
<td>To 92</td>
</tr>
<tr>
<td>From 92</td>
<td>To 123</td>
</tr>
<tr>
<td>From 123</td>
<td>To 146</td>
</tr>
<tr>
<td>From 146</td>
<td>To 178</td>
</tr>
<tr>
<td>Sec.</td>
<td>Name of Appropriator</td>
</tr>
<tr>
<td>------</td>
<td>----------------------------</td>
</tr>
<tr>
<td>1</td>
<td>HARRINGTON, ALICE</td>
</tr>
<tr>
<td>2</td>
<td>HARRINGTON, ALICE</td>
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<tr>
<td>3</td>
<td>STIEG, OWEN MURRAY</td>
</tr>
<tr>
<td>4</td>
<td>LUDWICK, BILLY JOE</td>
</tr>
<tr>
<td>5</td>
<td>LUDWICK, EARL</td>
</tr>
<tr>
<td>6</td>
<td>CASTLEBERY, FRANK</td>
</tr>
<tr>
<td>7</td>
<td>WHITE'S INCORPORATED</td>
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<tr>
<td>8</td>
<td>WHITE'S INCORPORATED</td>
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<tr>
<td>9</td>
<td>STIEG, OWEN MURRAY</td>
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<tr>
<td>10</td>
<td>SUMMERS, KIRBY L.</td>
</tr>
<tr>
<td>11</td>
<td>HARRINGTON, ALICE</td>
</tr>
<tr>
<td>12</td>
<td>HEGGEN, E.R.</td>
</tr>
<tr>
<td>13</td>
<td>STIEG, ERWIN H &amp; CALY M.</td>
</tr>
<tr>
<td>14</td>
<td>SUMMERS, KIRBY L.</td>
</tr>
<tr>
<td>15</td>
<td>STIEG, ERWIN H &amp; CALY M.</td>
</tr>
<tr>
<td>16</td>
<td>SUMMERS, KIRBY L.</td>
</tr>
<tr>
<td>17</td>
<td>HALL, GLEN</td>
</tr>
<tr>
<td>18</td>
<td>HALL, GLEN</td>
</tr>
<tr>
<td>19</td>
<td>STIEG, ERWIN H &amp; CALY M.</td>
</tr>
<tr>
<td>20</td>
<td>SUMMERS, KIRBY L.</td>
</tr>
<tr>
<td>21</td>
<td>HEGGEN, TOM JR.</td>
</tr>
<tr>
<td>22</td>
<td>CASTLEBERY, FRANK</td>
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<tr>
<td>23</td>
<td>CASTLEBERY, FULTON</td>
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<tr>
<td>24</td>
<td>MUMMERT, LEONARD</td>
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<td>25</td>
<td>SUMMERS, KIRBY L.</td>
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<tr>
<td>26</td>
<td>HEGGEN, ELMER</td>
</tr>
<tr>
<td>27</td>
<td>U.S. A. CUSTERART, FOREST</td>
</tr>
<tr>
<td>28</td>
<td>U.S. A. CUSTERART, FOREST</td>
</tr>
<tr>
<td>29</td>
<td>HEGGEN, TOM JR.</td>
</tr>
<tr>
<td>30</td>
<td>HEGGEN, TOM JR.</td>
</tr>
<tr>
<td>31</td>
<td>PICKARD, WALLACE</td>
</tr>
<tr>
<td>32</td>
<td>STRAIT, FRANCIS SR.</td>
</tr>
<tr>
<td>33</td>
<td>STANFORD, LESLIE A.</td>
</tr>
<tr>
<td>34</td>
<td>BAILLARD, DELMAS</td>
</tr>
<tr>
<td>35</td>
<td>BAILLARD, DELMAS</td>
</tr>
<tr>
<td>36</td>
<td>BAILLARD, DELMAS</td>
</tr>
<tr>
<td>37</td>
<td>HALL, GLEN</td>
</tr>
<tr>
<td>38</td>
<td>U.S. A. CUSTERART, FOREST</td>
</tr>
<tr>
<td>39</td>
<td>U.S. A. CUSTERART, FOREST</td>
</tr>
<tr>
<td>40</td>
<td>PICKARD, WALLACE</td>
</tr>
<tr>
<td>41</td>
<td>STRAIT, FRANCIS SR.</td>
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<tr>
<td>42</td>
<td>STANFORD, LESLIE A.</td>
</tr>
<tr>
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<td>BAILLARD, DELMAS</td>
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<td>HALL, GLEN</td>
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<tr>
<td>45</td>
<td>U.S. A. CUSTERART, FOREST</td>
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<td>46</td>
<td>U.S. A. CUSTERART, FOREST</td>
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<td>47</td>
<td>PICKARD, WALLACE</td>
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<tr>
<td>48</td>
<td>STRAIT, FRANCIS SR.</td>
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<tr>
<td>49</td>
<td>STANFORD, LESLIE A.</td>
</tr>
<tr>
<td>50</td>
<td>BAILLARD, DELMAS</td>
</tr>
<tr>
<td>51</td>
<td>HALL, GLEN</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Date: Jan. 1, 1962

1. Name of Appropriator: Alice Carrington
   Address: Kalaka
   Town: Carter
   County: Carter
   State: Montana

2. The beneficial use on which the claim is based: S.S. Creek
   Spring-fed Stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Used year round - natural springs
   from before memory of appropriator.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): All of the presently flowing water
   measurement of amount never made- combined flow
   in excess of 250 gallon per minute

5. If used for irrigation, give the reason and description of the lands to which water has been applied and name of the owner thereof
   nor for irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   these are natural springs flowing in their natural condition

8. The depth of water table: 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: natural springs in natural condition. Flowing
   naturally the year around and into creek where a year around water supply
   for livestock watering is maintained.

10. The estimated amount of groundwater withdrawn each year: Approx. 1 Million gallons per 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: ____________________________

This form is 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.

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

Owner: Murray

County: (Name of Appropiatior)
State: Montana
Town: (Town)

Declaration of Vested Groundwater Rights

1. This Declaration is made by the owner of the property described below:

   County of
   State of Montana

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

   Description of use:

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

   Date: [ ]
   Continuance:

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:

   Acreage: [ ]
   Description:
   Name:

6. The means of withdrawing such water from the ground and the location of each well if available:

   Method:
   Location:

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

   Commenced:
   Completed:

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:

This copy is 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.

Send a copy to the County Clerk and Recorder, Duplicate to the State Engineer, Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropiator.

11/14/7
Filed for Record
1:50 PM
Jane M. Brewster
страховщик
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

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

Owner: Billy Joe Lydick
Address: Enola, Mont.
Driller: Made R. Bandy
Address: Belle Fourche, S.D.

Date of Notice of appropriation of groundwater: 9-20-68
Date completed: 9-21-68

Type of well: Drilled
Equipment used: Rotary

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.

Show exact depth of bottom.

Driller's License Number
Made R. Bandy
Driller's Signature
44-734
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Earl Ennich
(Name of Appropriator)
of. (Address) (Town)

County of. Flathead, 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. minor’s inches or gallons per minute)

5. If used for irrigation, give the square 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

These 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.

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

Administrator of Groundwater Code

Office of State Engineer

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator

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 land and 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
## STATE OF MONTANA

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

| 1. | Counimas Incorporated | of | Stolle (Name of Appropriator)  |
|    |                      |    | (Address)                      |

- **County of:** Carter
- **State of:** Montana

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

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>A well 3 W of 5th Corr 2</td>
<td>10</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>5th of 31-9-16 Sec 9</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>5th of 32-16-16 Sec 16</td>
<td></td>
</tr>
<tr>
<td>Township</td>
<td>Range</td>
<td>Section</td>
</tr>
</tbody>
</table>

### Questions and Information

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): No Record

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: Pumps—Electric and windmill

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

8. The depth of water table: Approximately 300 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: No Record

10. The estimated amount of groundwater withdrawn each year: No Record

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:** Counimas Incorporated

**Date:** September 3, 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.
RELEASE

I, Marion B. White, Secretary of WHITES, INCORPORATED, do hereby release and abandon any and all rights that Whites Incorporated may now have in respect to the hereinafter Notice of Groundwater Appropriation, said appropriations being described as follows:

A Notice of Appropriation on Montana Bureau of Mines and Geology form filed September 27, 1963, in the Office of the Carter County Clerk and Recorder, § 112h23 describing therein "SW corner Sec. 1h-7; SW of SW corner Sec. 10; SW of SE Sec. 9; SW of SE Sec. 18; Township N2 R36 S." The above Notice of Appropriations were filed on lands that Whites, Incorporated, did not then and do not now own and this Release is made for the purpose of clarifying the records in the Office of the Carter County Clerk and Recorder.

Whites, Incorporated

Marion B. White, Secy

STATE OF MONTANA
COUNTY OF CARRIERS

On this 5th day of January, in the year nineteen hundred and sixty-five, before me, a Notary Public, personally appeared Marion B. White known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Notarial Seal the day and year first above written.

Notary Public for the State of Montana
Residing at Laurel
My commission expires 04-06-1966
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1962)

Alice Carrington
of Scalaka
County of Carter 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:
   - Spring - stock water

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

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and names 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:
   - natural flow, boxe, and piped to tank

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: One Xill. 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: ____________________________

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.

Filed 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.

File No. ____________________________

County: Carter

File: 2.N.R.58 E

Duplicate

Signature of Owner: ____________________________
Date: ____________________________
STATE WATER CONSERVATION BOARD

File No. DEC 30 1955

STATE OF MONTANA

E. R. Hoggan of Escalaka

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. E. R. Hoggan, of Escalaka

County of Carter State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Prior to 1937 and continuously since then

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

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: prior to 1937

8. The depth of water table: surface 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: surface water

10. The estimated amount of groundwater withdrawn each year: 15,552,000 gallons per year

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: December 26, 1965

This form is to be filed by 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.

HC 197
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

E. R. Heggen
(Name of Appropriator)

County of Carter
State of Montana

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

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

3. Date or approximate date of earliest beneficial use and how continuous the use has been. Prior to 1937 and continuously since then.

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 surface and description of the land 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. Natural flow.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Prior to 1937.

8. The depth of water table. Surface 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. Surface water.

10. The estimated amount of groundwater withdrawn each year. 15,552.00 gallons per year.

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 books and pages of any county record. Not applicable.

E. R. Heggen
Signature of Owner

Date: December 23, 1963.

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

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

Filed to the County Clerk and Recorder. Duplicate to the State Engineer: Duplicate to the Montana Bureau of Water and Geology, and quadruplicate for the Appropriator.

RECEIVED
JAN 7 1964
STATE ENGINEER

DEPARTMENT OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

E. R. Heggen
(Name of Appropriator)

County of Carter
State of Montana

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

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

3. Date or approximate date of earliest beneficial use and how continuous the use has been. Prior to 1937 and continuously since then.

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 surface and description of the land 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. Natural flow.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Prior to 1937.

8. The depth of water table. Surface 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. Surface water.

10. The estimated amount of groundwater withdrawn each year. 15,552.00 gallons per year.

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 books and pages of any county record. Not applicable.

E. R. Heggen
Signature of Owner

Date: December 23, 1963.

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

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

Filed to the County Clerk and Recorder. Duplicate to the State Engineer: Duplicate to the Montana Bureau of Water and Geology, and quadruplicate for the Appropriator.

RECEIVED
JAN 7 1964
STATE ENGINEER

DEPARTMENT OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

E. R. Heggen
(Name of Appropriator)

County of Carter
State of Montana

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

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

3. Date or approximate date of earliest beneficial use and how continuous the use has been. Prior to 1937 and continuously since then.

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 surface and description of the land 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. Natural flow.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Prior to 1937.

8. The depth of water table. Surface 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. Surface water.

10. The estimated amount of groundwater withdrawn each year. 15,552.00 gallons per year.

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 books and pages of any county record. Not applicable.

E. R. Heggen
Signature of Owner

Date: December 23, 1963.

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

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

Filed to the County Clerk and Recorder. Duplicate to the State Engineer: Duplicate to the Montana Bureau of Water and Geology, and quadruplicate for the Appropriator.

RECEIVED
JAN 7 1964
STATE ENGINEER

DEPARTMENT OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

E. R. Heggen
(Name of Appropriator)

County of Carter
State of Montana

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

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

3. Date or approximate date of earliest beneficial use and how continuous the use has been. Prior to 1937 and continuously since then.

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 surface and description of the land 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. Natural flow.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Prior to 1937.

8. The depth of water table. Surface 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. Surface water.

10. The estimated amount of groundwater withdrawn each year. 15,552.00 gallons per year.

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 books and pages of any county record. Not applicable.

E. R. Heggen
Signature of Owner

Date: December 23, 1963.

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

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

Filed to the County Clerk and Recorder. Duplicate to the State Engineer: Duplicate to the Montana Bureau of Water and Geology, and quadruplicate for the Appropriator.
Filed for Record

DEC 31 1963

County Clerk

Carter County Clerk and Recorder, under the authority of the Bureau of Mines and Geology, filed a Notice of Appropriation on Section 12, Township 2 North, Range 3 East, 2d Meridian, on the 31st day of December, 1963. The Bureau of Mines and Geology did not place or clarify the Notice of Appropriation.
RELEASE

WHEREAS, on the 31st day of December, 1963, in the Office of the Carter County Clerk and Recorder, under reception number 1131463 describing the NE of Section 12, Township 2 North, Range 58 East, Elmer R. Heggen filed a Notice of Appropriation of Ground Water on a Montana Bureau of Mines and Geology form;

AND, WHEREAS, the said Notice described certain lands that he did not then own, the said Elmer R. Heggen makes this Release to clarify the records in the Office of the Carter County Clerk and Recorder.

NOW, THEREFORE, we, the undersigned do hereby release and abandon any and all rights that we may now have in respect to the following described lands:

SWt, SE1/4NE1/4 of Section 12, Township 2 North, Range 58 East.

It is our intention to release and abandon any and all rights that we now have in respect to the above Notice of Ground Water Appropriation on the above described real estate. We do retain, however, all of our rights in respect to the above described Notice of Ground Water Appropriation on the NE1/4SW1/4, SE1/4NE1/4 of Section 12, Township 2 North, Range 58 East.

/s/ Elmer R. Heggen

/s/ Alice Heggen

STATE OF MONTANA  
COUNTY OF CARTER  

On this 7th day of June, in the year nineteen hundred and sixty-six, before me, William J. McCormick, a Notary Public for the State of Montana, personally appeared Elmer R. Heggen and Alice Heggen, husband and wife, known to me to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my seal the day and year first above written.

/s/ William J. McCormick  
Notary Public for the State of Montana  
Residing at Skalaka, Montana  
My commission expires January 2, 1967  

(Notary Seal)
CARRIERS COUNTY
FILED AT MONTANA
Filed for Record
3:00 A.M.
JUN 8 1966
Jane M. Bristow
Callie M. Baker
Fees: $1.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. Erwin E. Stieg & Cally M. Stieg, of Box 1, Helena, Montana
   (Name of Appropriator) (Address) (Town)

   County of Carter, State of Montana

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

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

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): Approximately 5 gallon per minute
      from each spring which feeds B.B. Creek as diagramed on map.

   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:
      Flowing springs & Creeks.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
      None

   8. The depth of water table: Surfaces.

   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:
      Flowing springs & Creeks

   10. The estimated amount of groundwater withdrawn each year: Approximately 2,000,000

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

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

        Notice of Water Right filed October 25, 1961
        in Book A, Page 29, of "Water Appropriations" in Carter County, conveying legal right to 500 miner's inches of water, for irrigation or livestock, etc.

        Signature of Owner: 
        Date: December 25, 1961

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

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

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

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

Date of Appropriation of Groundwater Prior to 1937
Owner L. R. Hagen Address Ekalaka, Montana
Contractor (if any) [Blank]
Address of Contractor [Blank]
Date Started Prior 1937 Date Completed Prior 1937

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

No. 1 NW NW 13 2N 58E
Spring No. 1 Spring box 4' x 4' x 6' gravel packed, two tanks 10' x 2' 2340 gal. storage.

No. 2 Section 13 T 32N R 58E
Spring No. 2 Spring box 4' x 4' x 5' gravel packed.

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.

No. 1 Spring -- 3 gallons per minute
1,555,200 gallons per year.

No. 2 Spring -- 1 gallon per minute
518,733 gallons per year.

Signature of Owner L. R. Hagen
Date December 23, 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.
Declarations of Vested Groundwater Rights

Under Chapter 237, Montana Session Laws, 1961

Erwin E. Stieg & Cally M. Stieg of Box 1, Ekalaka,

State of Montana

County of Carter

Declaration of Vested Groundwater Rights

Logging Spring

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: 1947 - Used continuously

4. The amount of groundwater pumped in minutes, gallons per minute: Approximately 3 gallon per minute from each spring

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

Surface - flowing springs

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

8. The depth of water table

9. So far as may be available, the type, age 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 28, 1963

This form is 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.

25473
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<th>Details</th>
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<tr>
<td><strong>Owner</strong></td>
<td>Glen Hall</td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td>Butte, Montana</td>
</tr>
<tr>
<td><strong>Driller</strong></td>
<td>Steve J. Linn</td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td>Butte, Montana</td>
</tr>
<tr>
<td><strong>Date Started</strong></td>
<td>December 26, 1960</td>
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<tr>
<td><strong>Date Completed</strong></td>
<td>Jan., 10, 1961</td>
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<td><strong>Location</strong></td>
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<td>Drilled</td>
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<td><strong>Equipment used</strong></td>
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<td><strong>Casing</strong></td>
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<tr>
<td><strong>Type of screen or perforations</strong></td>
<td>out with cutting torch</td>
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<td><strong>Static Water level</strong></td>
<td>64 ft.</td>
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<tr>
<td><strong>Shut-in pressure</strong></td>
<td>10 lb./sq. in. on: (date)</td>
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<td><strong>Pumping water level</strong></td>
<td>10 feet at: 10 gal. per min.</td>
</tr>
<tr>
<td><strong>How tested</strong></td>
<td>Matthew Baller</td>
</tr>
<tr>
<td><strong>Length of test</strong></td>
<td>6 hours</td>
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<tr>
<td><strong>Remarks</strong></td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
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(over)
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<td>To</td>
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<td>-------------------------------------------</td>
<td>----------------------------------------------</td>
</tr>
<tr>
<td>Owner</td>
<td>Glen Hall</td>
</tr>
<tr>
<td>Driller</td>
<td>Steve J. Lima</td>
</tr>
<tr>
<td>Date Started</td>
<td>December 10, 1960</td>
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<td>Date Completed</td>
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<td>Location</td>
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<td>Type of well</td>
<td>Drilled</td>
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<tr>
<td>Equipment used</td>
<td>Rotary</td>
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<tr>
<td>Water use</td>
<td>Domestic, Municipal, Stock, Irrigation</td>
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<tr>
<td>Casing: Surface</td>
<td>ft. to ft.</td>
</tr>
<tr>
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<td>Size 6 In.</td>
</tr>
<tr>
<td>Casing: Surface</td>
<td>ft. to ft.</td>
</tr>
<tr>
<td>Casing: Type Black</td>
<td>Size 4 In.</td>
</tr>
<tr>
<td>Casing: Surface</td>
<td>ft. to ft.</td>
</tr>
<tr>
<td>Casing: Type Galvanized</td>
<td>Size 2 In.</td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td>Ft. to Ft.</td>
</tr>
<tr>
<td>Static Water level, for non-flowing well</td>
<td>55 feet</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well</td>
<td>lb./sq. in. on:</td>
</tr>
<tr>
<td>Duration of test</td>
<td>6 Hours</td>
</tr>
<tr>
<td>Remarks</td>
<td>Gravel packing, cementing, packers, type of shut-off, depth of shut-off</td>
</tr>
</tbody>
</table>
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>8</td>
<td>21</td>
<td>Sand</td>
</tr>
<tr>
<td></td>
<td>21</td>
<td>36</td>
<td>Gravel</td>
</tr>
<tr>
<td></td>
<td>36</td>
<td>48</td>
<td>Quick sand</td>
</tr>
<tr>
<td></td>
<td>48</td>
<td>65</td>
<td>Sand rock</td>
</tr>
<tr>
<td></td>
<td>65</td>
<td></td>
<td>Water sand</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Erwin H. Stieg & Cally M. Stieg
Box 1, Kalbaha, Montana
(Name of Appropriator) (Address) (Town)

County of Carter State of Montana

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

1. Well is used for household use, watering livestock, and irrigating garden. Spring is used for watering livestock.

2. The beneficial use on which the claim is based. Well drilled in 1950. Spring used continuously since 1938.

3. Date or approximate date of earliest beneficial use: Well developed in 1962, but used previously from its natural flow.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Well: 5 gallon per minute. Spring: 5 gallon per minute and is developed, flows into 1000 gal. tank with orifice.

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. Well is used to irrigate two acres of garden and watering lawn. Owners are Erwin & Cally Stieg.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Water is drawn from well by submersible pump. Spring is a flowing spring.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well drilled 204 feet deep, 4 inch casing.

8. The depth of water table. 60 feet.

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

10. The estimated amount of groundwater withdrawn each year: 465,000 gal. from well, and 2,567,000 gal. from spring.

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

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

Signature of Owner

Date: December 28, 1963

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

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

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

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1962)

TOM HEGGEN JR

Name of Appropriator
of

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) and rate of withdrawal expressed in terms of flow and seale.

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 aquifer and the location of wells or other means of withdrawal.

7. The date of commencement and specifications 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 over-pen and other specifications of any other works for the withdrawal of groundwater.

10. The estimated amount of groundwater withdrawn each year.

11. The log and specifications appearing 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

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

$25865
## WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Frank Castlaberry</th>
<th>Address</th>
<th>Malaka, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Jerry Briant</td>
<td>Address</td>
<td>Malaka, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>March 24, 1961</td>
<td>Date Completed</td>
<td>March 28, 1961</td>
</tr>
<tr>
<td>Location</td>
<td>Sec 19</td>
<td>T. 2 N.</td>
<td>P. 58 E. 1/4 sec 5 W.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft to ft</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>200</td>
<td>steel pipe</td>
<td>4 in.</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft to ft</td>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft to ft</td>
<td>Type</td>
<td>Size</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or screened</th>
<th>Ft to Ft</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>62</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>In. hicks</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>100</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Pumping water level</th>
<th>ft at</th>
<th>gal. per min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>85</td>
<td>2.0</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
<th>Water</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Length of test:</th>
<th>2 hours</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth, feet</td>
<td>Description of Material Drilled</td>
</tr>
<tr>
<td>------------</td>
<td>---------------------------------</td>
</tr>
<tr>
<td>0 - 20</td>
<td>Light shale</td>
</tr>
<tr>
<td>20 - 30</td>
<td>Yellow shale</td>
</tr>
<tr>
<td>30 - 54</td>
<td>Light shale</td>
</tr>
<tr>
<td>54 - 70</td>
<td>Dark shale</td>
</tr>
<tr>
<td>70 - 97</td>
<td>Sandy shale</td>
</tr>
<tr>
<td>97 - 105</td>
<td>Hard s and rock</td>
</tr>
<tr>
<td>105 - 130</td>
<td>Sandy shale</td>
</tr>
<tr>
<td>130 - 180</td>
<td>Gray shale</td>
</tr>
<tr>
<td>180 - 200</td>
<td>Water Sand</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: Fulton Castleberry
Address: Kalispell, Mont.
Driller: Meale R. Bandy
Address: Ennis, Mont.

Date of Notice of appropriation of groundwater: ________________
Date well started: 9-16-68 Date completed: 9-17-68

Type of well: Drilled Equipment used: Rotary
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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

Indicate on the diagram the character and thickness of the 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>Strata Met With</th>
<th>Depth at which water is encountered</th>
<th>Thickness and character of water-bearing strata</th>
<th>Height to which water rises in well</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top of Ground</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>20 ft.</td>
<td>Surface</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30 ft.</td>
<td>Sandy Clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>42 ft.</td>
<td>Tan Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>46 ft.</td>
<td>Gray &amp; Brown Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>91 ft.</td>
<td>Light Blue &amp; Gray Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>150 ft.</td>
<td>White Light Blue &amp; Gray Sand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Trace of Coal</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 34 feet

Shut-in Pressure for Flowing Well: ________________ pounds per square inch

Pumping Water Level: ________________ feet at ________________ gal. per minute.

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

How Tested: Pumped
Length of Test: 6 hours

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

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

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

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

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

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Leonard Mandy</td>
</tr>
<tr>
<td>Driller</td>
<td>Henry Brandt</td>
</tr>
<tr>
<td>Date Started</td>
<td>September 15, 1957</td>
</tr>
<tr>
<td>Date Completed</td>
<td>September 26, 1957</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 20 r. 2 Nth p. 58 Eas. sec. RESE</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rotary</td>
<td>(Check, drill, motor, other)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Casing</th>
<th>109 ft. to 109 ft.</th>
<th>Type: Black pipe</th>
<th>Size: 4&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing</td>
<td>240 ft. to 240 ft.</td>
<td>Type: Black pipe</td>
<td>Size: 3&quot;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened</th>
<th>180 ft. to 240 ft.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb. sq. in. on:</td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>feet at:</td>
</tr>
<tr>
<td>How tested:</td>
<td>15 gal. per min.</td>
</tr>
<tr>
<td>Length of test:</td>
<td>12 hours</td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>5</td>
<td>40</td>
</tr>
<tr>
<td>40</td>
<td>105</td>
</tr>
<tr>
<td>105</td>
<td>125</td>
</tr>
<tr>
<td>125</td>
<td>200</td>
</tr>
<tr>
<td>200</td>
<td>240</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OCCUPATION OF STATE ENGINEER

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

County of: 
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:

3. Date or approximate date on which beneficial use was first commenced, or if now abandoned, the date on which it was abandoned:

4. The amount of groundwater claimed, (in acre-feet or gallons per minute):

5. If used for irrigation, give the name 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(s), 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:

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

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

Sent 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.
Filed for Record
11:55 a.m.

Jane M. Bevatin

Fee: $2.00