<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>3</td>
<td>Clyde Johnson</td>
<td>GW2</td>
<td>24039</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Everett Hardcast</td>
<td>GW6</td>
<td>36056</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Erol Solberg, Address: Malta, Mont.
Driller: Simpson Drilling Co, Address: Malta, Mont.

Date of Notice of appropriation of ground water: 16 Jan 1965
Date well started: 5 Feb 1965
Date completed: 28 R 30

Type of well: Drilled (dug, driven, bored or channeled, drill, rotary or drilled)
Equipment used: 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, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Depth of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>5 7/8 in.</td>
<td>0</td>
<td>247</td>
</tr>
<tr>
<td>6</td>
<td>5 7/8 in.</td>
<td>233</td>
<td>340</td>
</tr>
<tr>
<td>8</td>
<td>6 4/8 in.</td>
<td>282</td>
<td>310</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 230 feet
Shut-in Pressure for Flowing Well:
Pumping Water Level: 320 feet at 8 gal. per minute.
Discharge in gal. per min. of flowing well: 150 gal.

How Tested: 1 hr
Length of Test: 1 hr
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)

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

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

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

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

Simpson Drilling Co, License No. 4-186
Driller's License Number

Driller's Signature
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

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

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

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

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

6. 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...

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. 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.
## GROUNDWATER INDEX

County **Phillips**  
Twp. **29 N**  
Rge. **3 W**

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
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<td>E. T. Kirby</td>
<td>G.W.</td>
<td>246204</td>
<td></td>
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<tr>
<td>41</td>
<td>E. T. Kirby</td>
<td>G.W.</td>
<td>236497</td>
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<tr>
<td>7</td>
<td>Alfred H. Dickman</td>
<td>G.W.</td>
<td>234704</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Omer E. Rdale</td>
<td>G.W.</td>
<td>234709</td>
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<tr>
<td>13</td>
<td>Oreada B. Christofferson</td>
<td>G.W.</td>
<td>234674</td>
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<td>13</td>
<td>Oreada B. Christofferson</td>
<td>1961</td>
<td>234164</td>
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<td>14</td>
<td>M. E. Mathis-Orton</td>
<td>G.W.</td>
<td>234076</td>
<td></td>
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<td>20</td>
<td>Harvey B. Nixman</td>
<td>G.W.</td>
<td>234811</td>
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<tr>
<td>21</td>
<td>Edwin J. Englestad</td>
<td>G.W.</td>
<td>235724</td>
<td></td>
</tr>
<tr>
<td>22</td>
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<td>G.W.</td>
<td>236725</td>
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<tr>
<td>23</td>
<td>Oscar Redmond</td>
<td>G.W.</td>
<td>235880</td>
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<tr>
<td>24</td>
<td>Monza Anderson</td>
<td>G.W.</td>
<td>234660</td>
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</tr>
<tr>
<td>29</td>
<td>George B. Tillman</td>
<td>G.W.</td>
<td>234692</td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>George B. Tillman</td>
<td>1958</td>
<td>226856</td>
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</tr>
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</table>
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 227, Montana Session Laws, 1961)

Owner: Dale Nethy  
Address: Malta, Montana

Driller: Simpson Drilling Co.  
Address: Malta, Montana

Date of Notice of appropriation of ground water: July 22, 1967  
Date Completed: August 2, 1967

Type of well: Drilled  
Equipment used: churn

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</th>
<th>Weight of Cuttings</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>Sandstone or clay</th>
<th>Yellow gravel or sand</th>
<th>Muddy blue clay or gravel</th>
<th>Brown clay and gravel</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>6&quot; 106</td>
<td>0</td>
<td>55</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>4&quot; plastic</td>
<td>48</td>
<td>78</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 50 feet

Shut-in Pressure for Flowing Well: 65 feet at 5 gal. per minute.  
Discharge in gal. per min. of flowing well: 58 gal.

How Tested: pumped  
Length of Test: 1 hour

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)

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

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

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

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

1. DALE HOIBY  
(Name of Appropriator)  
(Malta)  
(County of PHILLIPS)  
(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 use and for watering livestock.

3. Date or approximate date of earliest beneficial use and how continuous the use has been. Used in October 1929 and in continuous use since that time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Approximately ten 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. Pump jack powered by electricity.

7. The date of commencement and completion of the construction of the well, well, or other works for withdrawal of groundwater. Well completed and completed in October, 1929, together with necessary works for withdrawal of groundwater.

8. The depth of water table. Seventy six feet deep.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Six inch galvanized steel pipe the entire depth of well. A Pump is erected on top of pipe.

10. The estimated amount of groundwater withdrawn each year. 2,000,000 gallons per year.

11. The log of formations encountered in the drilling of each well if available. Top soil, blue clay, sand rock and water was discovered on the sand rock.

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: Dale Hoiby  
Date: December 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 McKenzie, in and for the

In the presence of the same, the

This 27th day of December, 1915, in and for the

of


[Signature]

Asst. District Clerk

By

For

Returns.
STATE OF MONTANA

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. ALFRED MENDRICKSON
   (Name of Appropriator) of MALTA, 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 domestic use and for watering livestock.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Beneficial use in December, 1946 and in continuous use since then.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute). Two 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. Water withdrawn by a pump powered by electricity and by a windmill.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well and works commenced and completed in December, 1946.

   8. The depth of water table. 122 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. Four inch steel casing, 122 feet deep; pump is on top of casing, enclosed in a pump house.

   10. The estimated amount of groundwater withdrawn each year. 110,000 gallons per year.

   11. The log of formations encountered in the drilling of each well if available. Dirt, sand, clay, and finally shale, where water is located.

   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 17, 1963

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

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

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

(Under Chapter 237, Montana Session Laws, 1901)

**1.** Otto M. Erdahl, of Malta, Phillips County, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>Sect</th>
<th>T</th>
<th>R</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>28</td>
<td>31</td>
</tr>
</tbody>
</table>

**2.** The beneficial use on which the claim is based: **domestic use, stockwater and yard and garden use.**

**3.** Date or approximate date of earliest beneficial use: **continuous since 1943.**

**4.** The amount of groundwater claimed (in miner's inches or gallons per minute): **yard and garden only.**

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

**6.** The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: **drilled well, 135 ft. deep.**

**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: **drilled well, 135 ft. deep.**

**9.** So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: **drilled well, 400 feet deep; 4" casing.**

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

**11.** The log of formations encountered in the drilling of each well if available: **not available.**

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

Signature of Owner: Otto M. Erdahl

Date: December 30, 1963

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

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

1. Ovedia E. Arneson Christofferson, of Box 33, Malta
   (Name of Appropriator) (Address) (Town)

County of Phillips 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 use and watering livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: First used in December, 1960 and in continuous use ever since said time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): ten 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: Water is withdrawn by submersible pump to a pressure tank on surface.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Well commenced on December 2, 1960 and completed December 17, 1960. Pump and withdrawal works installed at same time.

8. The depth of water table: 260 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: Steel casing to 350 feet depth, screw joint, 4 inch I.D. Two drilled holes in perforated metal screen from 280 to 350 feet.

10. The estimated amount of groundwater withdrawn each year: 1,800,000 gallons per year.

11. The log of formations encountered in the drilling of each well if available: 0-15, brown clay; 15-20, brown clay, rocks at 12 feet; 20-24, gravel and rocks; 24-30, brown clay; 30-31 hard pan; 31-40 brown clay; 40-60, brown clay with thin streaks of gravel; 60-73, grey sandstone; 73-90, tan shale; 90-92, rock layer; 92-120, light blue shale; 120-150, dark shale, 150-170, bluish green shale (cont. over.

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: Gravel packed well with time gravel up on the outside of the 4 inch casing then used bentonite on top of the gravel to make a seal. Driller's Water Well Log: filed Jan. 31, 1961 at 2:45 P.M., Misc. #15045, Doc. #228164, records of Phillips County, Montana.

Signature of Owner: Christoferson

Date: December 23, 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.
Continuation of answer to Item 11 on reverse side:

226-230, bluish green shale;
230-232, coal; 232-240, brown shale; 240-260, blue green shale;
260-280, blue shale; 280-290, sandstone; 290-295, dark brown shale;
295-330, sandstone, 330-350, sandstone and shale layers.
**MONTANA BUREAU OF MINES AND GEOLOGY**  
Butte, Montana

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>County</th>
<th>Phillips</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Owner</strong></td>
<td>Ovedia Christofferson</td>
</tr>
<tr>
<td><strong>Driller</strong></td>
<td>Robert G. Simpson</td>
</tr>
<tr>
<td><strong>Date Started</strong></td>
<td>December 2, 1960</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>Sec. 13 T 28 R 31 1/4 sec. NWNE</td>
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</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Rotary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use:</td>
<td>Domestic</td>
<td>Municip</td>
</tr>
<tr>
<td>Casing:</td>
<td>0 ft. to 300 ft.</td>
<td>screw joint</td>
</tr>
<tr>
<td>Casing:</td>
<td>300 ft. to 500 ft.</td>
<td>Type</td>
</tr>
<tr>
<td>Casing:</td>
<td>500 ft. to 700 ft.</td>
<td>Type</td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>250 ft. to 300 ft.</td>
<td>Drilled</td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static water level, for non-flowing well:</td>
<td>260 feet</td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>10 lb./sq. in. on</td>
<td>(date)</td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>260 feet at 10 gal. per min.</td>
<td></td>
</tr>
<tr>
<td>How tested:</td>
<td>bailer</td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td>4 hours</td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td>gravel packed well with fine gravel up on the outside of the 4 inch casing then used bentonite on top of the gravel to make a seal</td>
<td></td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
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</thead>
<tbody>
<tr>
<td>0</td>
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<td>20</td>
<td>brown clay</td>
</tr>
<tr>
<td>15</td>
<td>20</td>
<td></td>
<td>brown clay, rocks at 15 feet</td>
</tr>
<tr>
<td>20</td>
<td>21</td>
<td></td>
<td>gravel and rocks</td>
</tr>
<tr>
<td>21</td>
<td>30</td>
<td></td>
<td>brown clay</td>
</tr>
<tr>
<td>30</td>
<td>31</td>
<td></td>
<td>hard pan</td>
</tr>
<tr>
<td>31</td>
<td>40</td>
<td></td>
<td>brown clay</td>
</tr>
<tr>
<td>40</td>
<td>60</td>
<td></td>
<td>brown clay with thin streaks of gravel</td>
</tr>
<tr>
<td>60</td>
<td>75</td>
<td></td>
<td>grey sandstone</td>
</tr>
<tr>
<td>73</td>
<td>90</td>
<td></td>
<td>tan shale</td>
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<td>90</td>
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<td>rock layer</td>
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<td>92</td>
<td>120</td>
<td></td>
<td>light blue shale</td>
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<tr>
<td>120</td>
<td>130</td>
<td></td>
<td>dark shale</td>
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<tr>
<td>130</td>
<td>170</td>
<td></td>
<td>bluish green shale</td>
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<tr>
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<td>dry sandstone</td>
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<td>coal</td>
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<td>brown shale</td>
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<td>500</td>
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<td>sandstone</td>
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<tr>
<td>500</td>
<td>550</td>
<td></td>
<td>dark brown shale</td>
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<tr>
<td>550</td>
<td>650</td>
<td></td>
<td>sandstone</td>
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<tr>
<td>650</td>
<td>675</td>
<td></td>
<td>sandstone and shale layers</td>
</tr>
<tr>
<td>675</td>
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<td></td>
<td></td>
</tr>
<tr>
<td>725</td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. Mrs. Martha Brun, of Malta
   (Name of Appropriator) (Address) (Town)

   County of Phillips, 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 & Stock

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
      20 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:
      Windmill & pump

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
      Fall of 1946 Began & Completed same month

   8. The depth of water table:
      270 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:
      315 feet deep 4" steel casing

   10. The estimated amount of groundwater withdrawn each year:
        2,555,000 gal per yr

   11. The log of formations encountered in the drilling of each well if available:
        0 to 100 feet - clay
        100 to 215 feet - 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:
        None

Signature of Owner: [Signature]
Date: Feb 26-1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Appropriator.
State of Montana,
County of Phillips,

Filed for Record the 6th day of September, 1910

Duly recorded in book 1, page 72.
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Description</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of Appropriator</td>
<td>George B. Tillman</td>
</tr>
<tr>
<td>Address</td>
<td>Malta</td>
</tr>
<tr>
<td>Town</td>
<td></td>
</tr>
<tr>
<td>County</td>
<td>Phillips</td>
</tr>
<tr>
<td>State</td>
<td>Montana</td>
</tr>
<tr>
<td>Date of appropriation</td>
<td>January 1, 1962</td>
</tr>
<tr>
<td>Beneficial use</td>
<td>Domestic &amp; stock</td>
</tr>
<tr>
<td>Date or approximate date of earliest beneficial use</td>
<td>1923</td>
</tr>
<tr>
<td>Amount of groundwater claimed</td>
<td>20 gallons per minute</td>
</tr>
<tr>
<td>If used for irrigation</td>
<td></td>
</tr>
<tr>
<td>Acreage and description of lands</td>
<td></td>
</tr>
<tr>
<td>Date of commencement and completion of construction</td>
<td>1923</td>
</tr>
<tr>
<td>Depth of water table</td>
<td>Surface spring</td>
</tr>
<tr>
<td>Depth of each well</td>
<td>50 feet</td>
</tr>
<tr>
<td>Estimated amount of groundwater withdrawn each year</td>
<td>500,000 gallons</td>
</tr>
<tr>
<td>Log of formations encountered</td>
<td>Not available</td>
</tr>
<tr>
<td>Signature of Owner</td>
<td>George B. Tillman</td>
</tr>
<tr>
<td>Date</td>
<td>December 30, 1963</td>
</tr>
</tbody>
</table>

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.
Case No. 15838

236811

Filed: Dec 30, 1963
at 4:02 P.M.
Rec # 07-63

Kondrashov

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

STATE ENGINEER

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...1962 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...No

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...started and completed in same week in October 1962

8. The depth of water table...10 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater...A' in diameter, wood A' pin casing...18 feet deep

10. The estimated amount of groundwater withdrawn each year...30,000 gal per yr

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

0-3 feet - clay

3-15' - gravel & sand

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...Edwin Brgjagel...Date...Jan 23, 1962

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

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

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

County of Phillips,

Filed for Record this day of , A. D. , 18__, at __ o'clock M. and duly Recorded in Book , Page of .

Judges, Recorder

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

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Edwin J. Borgasneg of Malta, Montana
   (Name of Appropriator) (Address) (Town)
   County of Phillips State of Montana

2. The beneficial use on which the claim is based
   (1) Stock & Domestic (2) Domestic & Stock
   (3) Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   (1) 1913 Continuous
   (2) 1955 Continuous
   (3) 1955 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) (1) 1 gal. per min.
   (2) 1 gal. per min.
   (3) 20 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. Not for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   (1) and (2) by handpump
   (3) electric pump

7. Date or approximate date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   v - 1913 (2) 1955 (3) May, 1956

8. The depth of water table
   (1) 12 feet (2) 16 feet
   (3) 270 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
   (1) 4½ wood casing 18 feet deep
   (2) 3½ x 20 feet deep
   (3) 4½ steel casing 315 feet deep

10. The estimated amount of groundwater withdrawn each year
    (1) 29,200 gal. per yr.
    (2) 31,200 gal. per yr.
    (3) 2,550,000 gal. per yr.

11. The log of formations encountered in the drilling of each well if available
    (1) Sand & Gravel all the way
    (2) Sand & Gravel all the way
    (3) Clay first 100 feet, 100 to 215 sandstones.

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: Edwin J. Borgasneg
Date: Jan. 23, 1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Appropriator.
State of Montana,
County of Phillips,

Filed for Record this 23rd day of June, A.D. 1968, at 3:35 P.M., and duly recorded in book

[Signature]
County Recorder

[Signature]
County Recorder

Fee $2.00

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

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

OSCAR LODMILL, of Malta
County of Phillips
Chase
State of Montana

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

1. Name of Appropriator
2. State - Domestic - Garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1921 - continuous to date
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 2 gpm
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Garden, fruit trees in NE 1/4 of Sec. 29
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pump and electric motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1921
8. The depth of water table. 11 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. Hand-dug 4 feet square, 15 feet deep - Wood cribbing
10. The estimated amount of groundwater withdrawn each year. 4,000,000 gallons
11. The log of formations encountered in the drilling of each well if available. 3 feet of clay - 12 feet sand and 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.

Signature of Owner

Date: December 30, 1963

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

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

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

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

1. Monroe Anderson, of Turner, Ravalli 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: Domestic and Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1955 and before continuously

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Garden 6 acres

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

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

8. The depth of water table: 3 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: Hand dug, 4 ft. by 4 ft. square, 9 ft. deep, wood casing.

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

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

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

Signature of Owner: Monroe Anderson
Date: December 30, 1963

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

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

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

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

June 1, 1962

GEORGE B. TILLMAN
of Malta

County of Phillips, State of Montana

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

1. Name of Appropiorator (Address) (Town)

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. (Column 1 - 0-14 brown clay, 14-40 hard brown sandstone, 40-57 brown sandstone water. (Column 2 - 15-10 brown clay, 10-35 sandy brown clay, 30-40 hard brown sandstone, 40-50 sandstone water)

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 30, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropiorator.
WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>George B. Tillman</th>
<th>Address</th>
<th>Malta</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>B. C. Simpson</td>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td>Oct. 13, 1958</td>
<td>Date Completed</td>
<td>Oct. 15, 1958</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 28, T. 28, R. 31, 1/4 sec.</td>
<td></td>
<td></td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Churn Drill</th>
<th>(Churn, driven, bored, or drilled)</th>
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</thead>
<tbody>
<tr>
<td>Water use</td>
<td>Domestic</td>
<td>Municipal</td>
<td>Stock</td>
<td>Irrigation</td>
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</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 180 ft.</th>
<th>Type: Steel</th>
<th>Size: 4&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td></td>
<td>Type:</td>
<td>Size:</td>
</tr>
<tr>
<td>Casing:</td>
<td></td>
<td>Type:</td>
<td>Size:</td>
</tr>
<tr>
<td>Perforated (ft.):</td>
<td>169 ft. to 180 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type of holes drilled in pipe:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>150 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>(lb./sq. in.) (date)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>160 ft. at 8 gal. per min.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>How tested:</td>
<td>Bailier</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td>1/2 hour</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off):</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Brown Clay</td>
</tr>
<tr>
<td>14</td>
<td>Brown Clay Sand</td>
</tr>
<tr>
<td>40</td>
<td>Hard Brown Sandstone</td>
</tr>
<tr>
<td>44</td>
<td>Brown Sandstone</td>
</tr>
<tr>
<td>57</td>
<td>Grey Shale</td>
</tr>
<tr>
<td>100</td>
<td>Grey Shale</td>
</tr>
<tr>
<td>126</td>
<td>Grey Shale</td>
</tr>
<tr>
<td>140</td>
<td>Grey Sandy Shale</td>
</tr>
<tr>
<td>168</td>
<td>Sandstone</td>
</tr>
</tbody>
</table>

Note: Depth in feet.

Log of Well

From: [Handwritten date: 14/9/22]

[Signature and seal]

[Additional notes and calculations]

[Handwritten notes and calculations]
<table>
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<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
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<tr>
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<td>Rubin A. Thompson</td>
<td>GU4</td>
<td>272060</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Rubin A. Thompson</td>
<td>GU4</td>
<td>234962</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>Wm. T. Fleming</td>
<td>GU4</td>
<td>236992</td>
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</tr>
<tr>
<td>12</td>
<td>Ralph M. Bisquegel</td>
<td>GU4</td>
<td>204924</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Jack Hille Pomer</td>
<td>GU2</td>
<td>257323</td>
<td>LCN R 22 E</td>
</tr>
<tr>
<td>20</td>
<td>_printed H. Hendrickson</td>
<td>GU4</td>
<td>236793</td>
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</tr>
<tr>
<td>21</td>
<td>Ted Johnson</td>
<td>1957</td>
<td>217088</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Ted Johnson</td>
<td>1957</td>
<td>217087</td>
<td></td>
</tr>
</tbody>
</table>
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Reuben A. Thompson, of Montana, of Malta, County of Phillips, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been is about 1941.

4. The amount of groundwater claimed is about 20 gal per minute.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater is about 1941.

8. The depth of water table is about 280 ft deep water table considerable higher.

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 is a 1 1/4-in. casing, 1 1/4-in. in cylinder capacity of cylinder about 6 gal per minute, when well was tested at time of drilling it tested about 90 (20) gal per minute.

10. The estimated amount of groundwater withdrawn each year is 1,500,000 gal.

11. The log of formations encountered in the drilling of each well if available is Shale & 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: /s/ Reuben A. Thompson
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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Miss/161021
237130.
Phillips Co.
Filed 12-31-63.
at 11:09 P.M.
Fee $2.00
R. V. Meloney
Clerk & Recorder.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

(Name of Appropriator) (Address) (Town)

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: Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since 1941: August 23, 1941

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20.75 gph

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: Irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Completion October 24, 1962

8. The depth of water table: 20 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 4-inch pipe with 3 ft x 6 ft x 2 ft deep

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

11. The log of formations encountered in the drilling of each well if available: Mostly gravel and silt

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: [Signature]

Date: Dec 30, 1963

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

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

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

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

1. M. T. Henry, of Box 631, Malta, Montana
   (Name of Approprior)  (Address)  (Town)
   County of Phillips  State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based — House and stock use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been — Oct 15 1949
   In use every day

4. The amount of groundwater claimed (in miner's inches or gallons per minute) — 24 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 — None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal — Deep well pump
   Nr 1/4 of 311.4 of W2 1/4 Sec 6 T32 R 28

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater — Oct 5 to 15 1949

8. The depth of water table — 250 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 — Drill well, Lin. casing, 302 ft.

10. The estimated amount of groundwater withdrawn each year — 700,000 gal.

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

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

Signature of Owner
Date

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriorator.
Phillips Co.
Filed Dec. 31, 1963
at 9:10 A.M.
Fee $2.00
R. L. McLurey
Clerk & Rec.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Ralph J. Barganegal, of Malta.

County of Phillips, State of Montana.

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

2. The beneficial use on which the claim is based: **Stock water and domestic**.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: **1930**.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **20 gal.**.

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

6. 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: **improved by cleaning out and placing barrel for curbing**.

8. The depth of water table: **6**.

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: **Free flowing springs**.

10. The estimated amount of groundwater withdrawn each year: **50,000,000 gallons**.

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

Signature of Owner: __________________________
Date: August 29, 1967

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>County of Phillips,</th>
<th>Filmed for Record</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>D. A. D.</td>
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<tr>
<td></td>
<td>Civil War</td>
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<td></td>
<td>and duly</td>
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<td></td>
<td>recorded book</td>
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<table>
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<tr>
<th>Date:</th>
<th>Reference</th>
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<tbody>
<tr>
<td>25th</td>
<td>Book 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Page 126</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Entry</th>
<th>Date</th>
<th></th>
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</thead>
<tbody>
<tr>
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<td>25th</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Book 2</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Page 126</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. ARNOLD KENNERSON
   (Name of Appropriator)  
   PHILLIPS (Address) 
   MONTANA (Town)

   County of PHILLIPS, 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 DOMESTIC USE, IRRIGATING GARDENS AND RANCHES, AND FOR FATTENING STOCK.

   3. Date or approximate date of earliest beneficial use and how continued until its use over twice.

   4. The amount of groundwater claimed in minor's index or gallons
      
      Well #1: One gallon per minute.
      Well #2: One gallon per minute.

   5. If used for irrigation, give the acreage and description of the lands
      
      used to irrigate a garden and the operation of any other
      
      electric pump. Well #2: Hand operated pump.

   6. The means of withdrawing such water from the ground and the location of each well or other source of withdrawal.
      
      Well #1 and Well #2 completed and completed in 1947. Wells for withdrawal of groundwater completed same time.

   7. The date of commencement and completion of the construction of the well, well and all other work
      
      for withdrawal of groundwater.
      
      Well #1: 1947; Well #2: 1947.

   8. The depth of water table.
      
      Well #1: 22 feet; Well #2: 22 feet.

   9. So far as it may be available, the type, size, and depth of each well or the general specifications of any other
      
      work for withdrawal of groundwater.
      
      Well #1: 8" diameter tile curbing; Well #2: 2" diameter tile curbing.

   10. The estimated amount of groundwater withdrawn each year.
      
      Well #1: 100,000 gallons;
      Well #2: 75,000 gallons.

   11. The log of formations encountered in the drilling of each well if available.
      
      Both wells - dirt, clay, and water is in sand formation.

   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
   
   December 17, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of

Mines and Geology, and Quadruplicate for the Appropriator.
State of Montana,  
County of Phillips.

Filed for Record the 17th day of December A.D. 1873 at 10 o'clock M. and duly recorded at said place.

Joseline Moloney.

By:  

Notary Public.

Certified to:  

Return.
<table>
<thead>
<tr>
<th>Owner</th>
<th>Bud Johnson</th>
<th>Address</th>
<th>Malta, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Oscar Johnson</td>
<td>Address</td>
<td>Deceased</td>
</tr>
<tr>
<td>Date Started</td>
<td>About 1922</td>
<td>Date Completed</td>
<td>Same year</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 21 T. 28 R. 32 1/4 sect.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Type of well:** Hand dug  
**Equipment used:** Pick & Shovel

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

<table>
<thead>
<tr>
<th>Casing: 28 ft to 28 ft</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>bottom of well</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing: [ ]</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>[ ]</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Perforated or Screened:**  
- From ft to ft  
- To ft

**Type of screen or perforations:**

**Static Water level, for non-flowing well:** About 26 feet

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

**Pumping water level:** 27 feet at 5 gal per min.

**How tested:** Pumped dry and 5 gal bucket runs full in 1 minute

**Length of test:**

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

**Dug down to a gravel vein 3 feet in depth.**

(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>Surface</td>
<td>26 Blue Clay &amp; Gumbo</td>
</tr>
<tr>
<td>26</td>
<td>29 Coarse gravel</td>
</tr>
</tbody>
</table>

**Log of Well**

Date: 21/1/18
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
<th>Date Started</th>
<th>Date Completed</th>
<th>Location: Sec</th>
<th>T.</th>
<th>R.</th>
<th>Sec</th>
<th>Description</th>
</tr>
</thead>
</table>

Type of well: dug

Equipment used: Pick & Shovel

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

Casing: 30 ft. to 30 ft. Type and Size:

Casing: 30 ft. to 30 ft. Type and Size:

Casing: 30 ft. to 30 ft. Type and Size:

Perforated or Screened: 30 ft. to 30 ft. 30 ft. to 30 ft.

Type of screen or perforations:

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

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

Pumping water level: 24 feet at 10 gal. per min.

How tested: Well pumps a 550 gal. tank on hour

Length of test: pumped continuously for one day at a time over a period of years.

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

Dug down to a gravel vein 3 feet in depth.
<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>27</td>
<td>30</td>
<td>Blue clay &amp; gumbo</td>
</tr>
<tr>
<td>27</td>
<td>30</td>
<td></td>
<td>Coarse gravel &amp; sand</td>
</tr>
</tbody>
</table>

Log of Well
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>2</td>
<td>David Ohn</td>
<td>G04</td>
<td>237203</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Augurtd S. Jolgy</td>
<td>G04</td>
<td>234268</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Augurtd S. Jolgy</td>
<td>G04</td>
<td>251707</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>John C. Jance</td>
<td>G04</td>
<td>233204</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Ralph M. Racho</td>
<td>G04</td>
<td>246225</td>
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</tr>
<tr>
<td>8</td>
<td>Ralph M. Racho</td>
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<td>246236</td>
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</tr>
<tr>
<td>11</td>
<td>Odis Jukun</td>
<td>G04</td>
<td>215261</td>
<td></td>
</tr>
<tr>
<td>16</td>
<td>Paul W. Jolgy</td>
<td>G04</td>
<td>23624</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>York A. Jolgy</td>
<td>G04</td>
<td>236587</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Earl Porter</td>
<td>1957</td>
<td>217329</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Earl Porter</td>
<td>G04</td>
<td>236588</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>James Jolgy</td>
<td>G04</td>
<td>236589</td>
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</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. (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:

   1. The beneficial use on which the claim is based: 
      Domestic water

   2. Date or approximate date of earliest beneficial use: August 15, 1956

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

   4. If used for irrigation, give the acreage and description of the land 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 the well or other means of withdrawal: 
      Pump

   6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 
      August 15, 1956

   7. The estimated amount of groundwater withdrawn each year: 3,000,000 gallons

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

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

   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.
Musc 16005
237033

Phillips Co.

Filed 12-31-68
at 10:40 A.M.

See #2.00

R. V. Maloney
Clerk & Recorder.
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

### 1. Ingvald S. Solberg
- **Address**: Malta
- **County**: Phillips
- **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:
- **Stockwater and household use**

### 3. Date or approximate date of earliest beneficial use; and how continuous the use has been since 1923:

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

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

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

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

### 8. The depth of water table:
- **100 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, 6 casing, 240 feet deep**

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

### 11. The log of formations encountered in the drilling of each well if available:
- **Not available**

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

---

**Signature of Owner**: 
**Date**: December 30, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Misc. #15790

Filed: Dec. 30, 1963
See p. 2, "u"
AT: 3:15 P.M.

Rosalind Meloney
Clerk + Recorder
**STATE OF MONTANA**  
**ADMINISTRATOR OF GROUNDWATER CODE**  
**MONTANA WATER RESOURCES BOARD**

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

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

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

**Owner**: Ingvald Solberg  
**Address**: Malta, Montana  
**Date well started completed**: May 19, 1970 May 20, 1970

**Type of well**: Drilled (Drill, driven, bored -- + Tend)

**Equipment used**: U/B  
**Water Use**: Domestic □ Municipal □ Stock □ Irrigation □  
**Industrial □ Drainage □ Other □ Garde Lawn □

*Describe the water used for Irrigation, Inducto drainage or other. Explain, state number of acres and location or other data (Ex. Field Block and Addition).

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Size of Pipe</th>
<th>Rate and Depth of Flow</th>
<th>Feet</th>
<th>To # of Days</th>
<th>Rate</th>
<th>Feet</th>
<th>To # of Days</th>
<th>Perforations</th>
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<tr>
<td>D 1</td>
<td>252</td>
<td>5/32</td>
<td>200</td>
<td>252</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

Pumping water level 135 ft.; measured 2 minutes after pumping began.

Power Pump HP

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

**Driller's Signature**: Robert E. Laman

**Driller's Address**: Box 906, Malta, Montana

**LICENSE NO.**: 15

**COUNTY**: Phillips

**DRILLER'S LOG**

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: Javad Solberg
Address: Malta, Montana
Date well started: May 19, 1970
Date well completed: May 20, 1970
Type of well: Drilled
Equipment used: 12 hours
Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

Top of Ground (Gals. above sea level)

<table>
<thead>
<tr>
<th>Foot below</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>86</td>
<td>3/24</td>
</tr>
<tr>
<td>125</td>
<td>200</td>
</tr>
<tr>
<td>154</td>
<td>252</td>
</tr>
</tbody>
</table>

Static water level: 173 ft.
Pumping water level: 195 ft.

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

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

Driller's Signature: Robert Stemp
Driller's Address: 906, Malta, Montana
LICENSE NO. 13
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. John C. Bruckner
   (Name of Appropriator)
   of ________________________________
   (Address) ________________________________
   (Town)
   County of PHILLIPS 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 AND STOCKWATER

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   NO. 1 - 12 gal. per min.
   NO. 2 - 12 gal. per min.
   No. 3 - SPRING

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 land 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:
   No. 1 and 2 electric pumping system
   No. 3 spring--self flowing

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   No. 1 1957
   No. 2 1957

8. The depth of water table: 25 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   Four inch casing--35 feet deep

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

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/s: John C. Bruckner
Date 12-31-63

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

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

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

1. Ralph M. Barber of Malta, Montana
   County of Phillips 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: 1. Domestic and stock & irrigation; 2. Domestic, stock and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1. 1960; 2. 1924

4. The amount of groundwater claimed (in minor's inches or gallons per minute): 1. 50 gal.; 2. 30 gal.

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: 1. 2 acres; 2. 2 acres

6. The means of withdrawal of such water from the ground and the location of such well or other means of withdrawal: 1. Electric pump; 2. Electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1. Begun and completed in Sept. 1960; 2. Begun and completed in summer of 1924

8. The depth of water table: 1. 10 ft.; 2. 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: 1. Hand-dug, steel culvert, 20" diameter, 15'-deep; 2. Hand-dug, plank curbing, 4" diameter, 15'-deep

10. The estimated amount of groundwater withdrawn each year: 1. 400,000 gallons; 2. 300,000 gal.

11. The log of formations encountered in the drilling of each well if available: 1. 13' soil, 2' 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

Signature of Owner: Ralph M. Barber
Date: Aug. 28, 1967

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

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

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