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: December, 1962
Star Route
Owner: James E. Potter
Address: Alberon, Montana
Contractor (if any): None (Work done by self)
Address of Contractor: 
Date Started: Dec. 1, 1962
Date Completed: Oct. 15, 1964

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Waters of a spring in Smokey Gulch in Northwest Quarter of Section 36,

NW ¼ Sec 36 T 15 N R 24

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. Used continually for domestic, irrigating, livestock in maintaining household of the appropriator.

Signature of Owner: James E. Potter
Date: December 22, 1964

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Montana Highway Com.</td>
<td>HW-2</td>
<td>358/6</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Victor M. Goodie</td>
<td>HW-4</td>
<td>31790</td>
<td></td>
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</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Montana Highway Commission
Address: Helena, Montana

Driller: Montana Highway Commission
Address: Helena, Montana

Date of Notice of appropriation of groundwater: October 4, 1965

Date well started: September 24, 1965
Date completed: October 4, 1965

Type of well: Drilled
Equipment used: Churn drill

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

Maintenance Station Water Supply

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind Size</th>
<th>Pressure (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot; ID</td>
<td>0.0&quot;</td>
<td>60.0&quot;</td>
<td>NONE</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for flowing well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested: Pumped

Length of Test: 6 hours

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

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).

**WATER ANALYSIS**

<table>
<thead>
<tr>
<th>Test</th>
<th>pH</th>
<th>Marble pH</th>
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</thead>
<tbody>
<tr>
<td></td>
<td>7.7</td>
<td>7.7</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Test</th>
<th>CO₂</th>
<th>Phenanthrene-A1</th>
<th>Methyl Orange</th>
<th>Total Hardness</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>none</td>
<td>12.4 p.p.m. CaCO₃</td>
<td>207 p.p.m. CaCO₃</td>
<td>206 p.p.m. CaCO₃</td>
</tr>
</tbody>
</table>

-Drafter's signature: [Signature]

-Driller's signature: [Signature]

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

VICTOR M. GOLDIE, of 3rd St.

Alberton

(Name of Appropriator) (Address) (Town)

County of

Missoula

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, livestock, irrigation, and supply.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Continuous since Sept. 1948.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 5 acres, 24-35-26 NW 1/4 Alberton Town 314. One well located on the northeast corner of one well on Appropriator.

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

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

8. The depth of water table: Approximately 15 feet at high 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: Well no. 1 on lot 26 NW 1/4 Alberton Town 314, 150 feet deep, 10 inches in diameter. Well no. 2 on lot 26 NE 1/4 Alberton Town 314, 15 feet deep, 10 inches in diameter. Well no. 3 on NE 1/4 Alberton Town 314, 8 feet deep, 10 inches in diameter. Well no. 4 on NE 1/4 Alberton Town 314, 8 feet deep, 10 inches in diameter. Well no. 5 on NE 1/4 Alberton Town 314, 8 feet deep, 10 inches in diameter. Well no. 6 on NE 1/4 Alberton Town 314, 8 feet deep, 10 inches in diameter. Well no. 7 on NE 1/4 Alberton Town 314, 8 feet deep, 10 inches in diameter. Well no. 8 on NE 1/4 Alberton Town 314, 8 feet deep, 10 inches in diameter. Well no. 9 on NE 1/4 Alberton Town 314, 8 feet deep, 10 inches in diameter. Well no. 10 on NE 1/4 Alberton Town 314, 8 feet deep, 10 inches in diameter.

10. The estimated amount of groundwater withdrawn each year: 20,000 gallons.

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

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

Signature of Owner: Victor M. Goldie

Date: Dec. 29, 1963

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

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

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