STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Date of Appropriation of Groundwater
Owner: Joseph W. Buck
Address: Troy, Montana

Contractor (if any)
Address of Contractor

Date Started: Date Completed:

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

portable pump on
Seventeen Mile Creek
on owner's property

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.

2 hours per day during
summer months

Signature of Owner: Joseph W. Buck
Date: Sept. 20, 1969

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 Appropriate.
Recently a copy of a groundwater appropriation form,

- GW 1. Notice of Appropriation of Groundwater
- GW 2. Notice of Completion of Groundwater
- GW 3. Notice of Completion of Groundwater
- GW 4. Declaration of Completion of Groundwater Appropriation by Well

This form is obsolete and was limited by law to use only through 1965.

Owner: Joseph V. Buck
Location: T. 34N., R. 6W., Sec. 36
Address: Enos H. Park

The form is complete as filed. This is an original form. No further action is required.

Please indicate the Montana Water Code section.

The amount of water is:
Recently a copy of a groundwater appropriation form,

- GW 1, Notice of Appropriation of Groundwater
- GW 2, Notice of Completion of Groundwater Appropriation by means of Well
- X GW 3, Notice of Completion of Groundwater Appropriation without Well
- GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by:
Owner: Joseph W. Burk
Address: Troy, Montana 59935
Locat’n: T. 34N., R. 33W., Sec. 26
Document No.: 720

The form is complete as filed. This is to inform you that your GW form has been received and no further action is necessary on your part.

X The form is incomplete. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.
Please indicate dates of commencement and completion of spring development.
Also provide information concerning use of water (domestic, stock, irrigation, etc.) and amount of water withdrawn in gallons per minute and gallons per year.

Other:

County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.

Douglas E. Smith

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 Appraiser.
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 257 Montana Session Laws, 1961)

Date of Appropriation of Groundwater:

Owner: Joseph W. Burk Address: Troy, Montana

Contractor (if any): not applicable

Address of Contractor: not applicable

Date Started: not applicable Date Completed: not applicable

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

- portable pump on
- Seventeen Mile Creek
- on owner's property

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.

- 2 hours per day during
- summer months

Signature of Owner: Joseph W. Burk

Date: Sept. 20, 1969

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

These 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.
Name of Owner: Joseph W. Burk  Address: Troy, Montana

Date of Appropriation of Groundwater: ____________________________

Contractor (If Any) ____________________________________________

Address of Contractor __________________________________________

Date Started ____________________________ Date Completed ____________________________

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

- Portable pump from
- Spring located on
- Owner's property

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

- Small amounts on infrequent occasions

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

Signature of Owner ____________________________ Date ____________

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana
Bureau of Mines and Geology and quadruplicate for the Appropriator.
Recently a copy of a Groundwater appropriation form,

— GW 1, Notice of Appropriation of Groundwater

— GW 2, Notice of Completion of Groundwater Appropriation by means of Well

— GW 3, Notice of Completion of Groundwater Appropriation by Well

— GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

This form is identified by

Owner: Joseph W. Burk

Location: T. 36N, R. 33W, Sec. 26

Address: Troy

The form is complete as far as it has been received and no

X Tim
Recently a copy of a groundwater appropriation form, GW 1, Notice of Appropriation of Groundwater
GW 2, Notice of Completion of Groundwater Appropriation by means of Well
X GW 3, Notice of Completion of Groundwater Appropriation without Well
GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)
was forwarded to this office by the County Clerk and Recorder.

This form is identified by
Owner Joseph W. Burk
Address Troy, Montana 59935
Location T. 3AN., R. 33W., Sec. 26 Document No. 721

The form is complete as filed. This is to inform you that your GW form has
been received and no further action is necessary on your part.

X The form is incomplete. Please complete the enclosed copy by providing inform-
information where indicated, or as noted here and return the corrected copy to
the Montana Water Resources Board in Helena.
Please indicate dates of commencement and completion of spring development.
Also provide information concerning use of water (domestic, stock, irrigation, etc.)
and amount of water withdrawn in gallons per minute and gallons per year.

County recording information is missing. Please forward this information to
the Montana Water Resources Board in Helena.

Douglas E. Smith

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

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237, Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner: Joseph W. Burk
Address: Troy, Montana

Contractor (if any) — not applicable

Address of Contractor — not applicable

Date Started — not applicable
Date Completed — not applicable

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

— portable pump from
— spring located on
— owner’s property

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.

— small amounts on
— infrequent occasions

Signature of Owner: Joseph W. Burk
Date: Sept. 20, 1969

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.
<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>0</td>
<td>U.S.A./Farm Station</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Washburn, So. K.</td>
<td>GW-3</td>
<td>74-3</td>
<td></td>
</tr>
</tbody>
</table>
DECLARATION OF VESIС. GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator: Sylvanite Ranger Station
   (Town):

2. The beneficial use on which the claim is based: Domestic use at Ranger Station

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: First buildings on site in 1911. Use has been continuous.

4. The amount of groundwater claimed (in miner’s inches or gallons per minute) The flow of the Crawford Creek drainage. Approx. 10 gal. per min. maximum.

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: Crawford Creek. 10 acres.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Perforated pipe in creek behind small dam in the NE NE Sec. 16 (unsurveyed).

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Begin April 1934 - completed same year.

8. The depth of water table: 3 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: Perforated pipe is diameter.

10. The estimated amount of groundwater withdrawn each year: 750,000 gallons

11. The log of formations encountered in the drilling of each well: 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: The water is withdrawn from the underground flow of Crawford Creek. A major tributary of the Yankton River. Recorded, Lincoln County, Libby, Montana, Book 46, Forest Supervisor, Page 57. Signature of Owner: Kootenai National Forest.

   Date: 3-5-62

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

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

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

STATE OF MONTANA

County of Lincoln

J. S. Sanderson representing the United States having first been duly sworn, deposes and says that he is of lawful age and represents the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person representative of whose name is subscribed thereto, as the appropriator and claimant that he know the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me, this 6 day of March, 1968.

Notary Public for the State of Montana

Residing at Libby, Montana

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: July 29, 1970
Owner: S. R. Washburn. Address: Fortine, Montana
Contractor (if any): Does not apply
Address of Contractor: Does not apply
Date Started: Does not apply. Date Completed: Does not apply

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

Signature of Owner: Stanley Washburn
Date: July 29, 1970

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.

4/7308
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: July 29, 1970
Owner: S. L. Washburn
Address: Forida, Montana
Contractor (if any): Does NOT APPLY
Address of Contractor: Does NOT APPLY

Date Started: 7/29/70
Date Completed: 7/29/71

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes", include depth to water when applicable. Hose, pipe, trough, and other external means of directing water.

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

Signature of Owner: S. L. Washburn
Date: July 29, 1970

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 Approprietor.
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: July 28, 1970
Owner: S. A. Washburn, Address: Fortine, Montana
Contractor (if any): Des. not apply
Address of Contractor: Des. not apply
Date Started: Des. not apply: Date Completed: Des. not apply
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Has: pipes, troughs, and other external means of directing water.

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

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.
<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>5</td>
<td>Curtis, Inc.</td>
<td>well log</td>
<td></td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Southern R &amp; R</td>
<td>GW-2</td>
<td>765</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Erie, Herb Leko</td>
<td>GW-3</td>
<td>953</td>
<td></td>
</tr>
</tbody>
</table>
## WATER WELL LOG

**Owner:** Tony Curtis  
**Address:** Fortine, Mont.

**Driller:** Homer M. Clancy  
**Address:** Kalispell

**Date Started:** Aug 15, 1957  
**Date Completed:** Aug 24, 1957

**Location:** Sec. ___, T. ___, R. ___, M. sec.

**Type of well:** Cased  
**Equipment used:** Solid tool

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

**Industrial [ ]  Drainage [ ]  Other: [ ]**

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 ft. to 14.7 ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>14.7 ft. to</td>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td></td>
<td>Type</td>
<td>Size</td>
</tr>
</tbody>
</table>

**Perforated or Screened:** Ft. ________ to Ft. ________  
**Type:** __________

**Static Water level, for non-flowing well:** 100 feet.

**Shut-in pressure, for flowing well:** 90 lb./sq. in. on: (date)

**Pumping water level:** 133 ft.  
**feet at:** 200 gal. per min.

**How tested:** Balance

**Length of test:** 6 hrs

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top</td>
<td>Cement Gravel &amp; Clay to 140 ft</td>
</tr>
<tr>
<td>140</td>
<td>Water bearing Gravel &amp; Heavy Sand</td>
</tr>
<tr>
<td>140</td>
<td>Water bearing</td>
</tr>
<tr>
<td></td>
<td>Sand &amp; Gravel</td>
</tr>
<tr>
<td>147</td>
<td></td>
</tr>
</tbody>
</table>
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: Roy Falterman
Address: Box 28
Date well started: 10-20-70
Completed: 10-26-70
Type of well: Drilled
Equipment used: Drill
Water Use: Domestic

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

**Show exact depth of bottom

---

**Table:**

<table>
<thead>
<tr>
<th>Top of Ground (Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
</tr>
<tr>
<td>2</td>
</tr>
<tr>
<td>5</td>
</tr>
<tr>
<td>8</td>
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<td>11</td>
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</tr>
<tr>
<td>83</td>
</tr>
<tr>
<td>86</td>
</tr>
<tr>
<td>89</td>
</tr>
</tbody>
</table>

**Diagram:**

- Static water level: 361 ft.
- Pumping water level: 352 ft.
- Pumping at 120 gallons per minute measured 5 minutes after pumping began.
- Measured from ground level.
- Well developed for 12 hours.
- Power: 1 HP, 300 RPM
- Remarks: (Gravel packing, cementing, packers, type of shutoff)

**License No.:** 144

**Driller’s Signature:**

---

**Country:** Lincoln

**License No.:** 144

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**Date:** 1-9-64
Notice of Completion of Groundwater Appropriation
Without Well
Developed After January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: May 25, 1973
Owner: Male. Gena. Address: Eureka, MT 59323
Contractor (if any): 
Address of Contractor: 
Date Started: N/A Date Completed: N/A

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.): Groundwater is obtained by means of developed spring.

2) Means of withdrawing water (gravity, pump, canal, etc.): Water is withdrawn by gravity.

3) Depth of water table: Spring water is on surface.

4) Use of the water for household and domestic use, recreation, livestock, and wildlife: 

5) Amount of groundwater claimed (in miner's inches, or gallons per minute): Approx. 10 gallons per minute.

6) If used for irrigation, give number of acres and description of land: 

7) Estimate amount of water used each year: 12,000 gallons

Signature of Owner: 
Date: 

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

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
STATE OF MONTANA
COUNTY OF LINDA

Filed this 26th day of June, A.D. 1925
at 11:35 A.M.

[Signature]
County Clerk

[Signature]
<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>6</td>
<td>Nelson, Roger A.</td>
<td>GW-2</td>
<td>534</td>
<td></td>
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<tr>
<td>7</td>
<td>1-10</td>
<td>GW-2</td>
<td>560</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>U.S. Air Force Station</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>U.S. Forest Service well log</td>
<td></td>
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<td></td>
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<td>16</td>
<td>Terry, Wallace J.</td>
<td>GW-1</td>
<td>163</td>
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<td>Eglite, Thelma A.</td>
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<td>17</td>
<td>Price, John</td>
<td>GW-2</td>
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<td></td>
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<td>18</td>
<td>Dressil, Cecil</td>
<td>GW-4</td>
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<td>18</td>
<td>Howland Forest Corp.</td>
<td>GW-2</td>
<td>932</td>
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<td>School District #53</td>
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<td>19</td>
<td>McKee, J. D.</td>
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<td>19</td>
<td>&quot;</td>
<td>GW-2</td>
<td>558</td>
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<td>19</td>
<td>Johnson, Helen A.</td>
<td>GW-2</td>
<td>133</td>
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<tr>
<td>19</td>
<td>Griffin, William</td>
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<td>60</td>
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<td>20</td>
<td>Herrow, Ronald W.</td>
<td>GW-2</td>
<td>513</td>
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<td>Willson, Henry H.</td>
<td>GW-2</td>
<td>518</td>
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<tr>
<td>30</td>
<td>Vee, Howard C.</td>
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<td>31</td>
<td>Calvert, Keith E.</td>
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<tr>
<td>36</td>
<td>U.S. Army Corps Engineers</td>
<td>GW-2</td>
<td>165</td>
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</tbody>
</table>
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** E. C. Nelson

**Address:** Fortine, Mont.

**Driller:** Drilling site

**Date of Notice of Appropriation of Groundwater:** Oct. 15, 1965

**Date well started:** Oct. 5, 1965

**Type of well: Drilled**

**Equipment Used:** (Churn, drill, rotary or other)

**Water Use:** Domestic □ Municipal □ Other □ Irrigation □ Industrial □ Drainage □ Stock □

---

<table>
<thead>
<tr>
<th>Date of Notice of Appropriation of Groundwater</th>
<th>Date well started</th>
<th>Type of well: Drilled</th>
<th>Equipment Used: Drilled</th>
</tr>
</thead>
</table>

---

**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 water rises in the well.**

**Static Water Level for non-flowing Well:** 12 feet.

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

**Pumping Water Level:** 25 feet at 20 gal. per minute.

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

**How Tested:**

**Length of Test:**

**Remarks:** (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

**Driller's License Number:**

---

**Driller's Signature:**

---

**File No.:** FEB 23 1966

**County:** Lincoln

---

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

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

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

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

Under Chapter 287, Montana Session Laws, 1961

State of Montana
Office of State Engineer

Owner:
Edgar C. Nelson
Address: Fortine, Mont.

Date of Notice of Appropriation of Groundwater: Oct. 15, 1965

Date well started: Oct. 5, 1965
Date completed: Oct. 16, 1965

Type of well: Drilled
Equipment Used: ROXY

Gravel and sand layers (water):
(Dug, driven, bored or drilled)

Gravel and clay layers:

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

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 water rises in the well.

Static Water Level for non-flowing Well: 12 feet

Shut-in Pressure for flowing Well:

Pumping Water Level: 35 feet at 50 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Driller Length of Test: 48 hrs.

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

Driller's Signature:

Driller's License Number:

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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: E. C. Nelson
Address: Trego
Driller: Thatcher
Drilling Address: Eureka

Date of Notice of appropriation of groundwater: August 12, 1966
Date well started: July 29, 1966
Date completed: August 14, 1966
Type of well: Drilled
Equipment used: Rotary
(Dug, Driven, bored or drilled)

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>Depth (feet)</th>
<th>Strata Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Top of Ground</td>
</tr>
<tr>
<td>15</td>
<td>Soft Brown Clay</td>
</tr>
<tr>
<td>51</td>
<td>Sooty Clay</td>
</tr>
<tr>
<td>64</td>
<td>Layers of rock</td>
</tr>
<tr>
<td></td>
<td>gravel + clay</td>
</tr>
<tr>
<td>93</td>
<td>Very Hard Clay + conglomerate</td>
</tr>
<tr>
<td>128</td>
<td>Layers of Rock</td>
</tr>
<tr>
<td></td>
<td>Clay + Boulders</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Depth (feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>4&quot; x 4&quot;</td>
<td>0</td>
<td>195&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>187</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>195</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 145' feet.
Shut-in Pressure for Flowing Well: 15' feet at 35 gal. per minute.
Discharge in gal. per min. of flowing well: 150 gal.

How Tested: Boiler
Length of Test: 4 hrs.
Remarks: (Gravel packing, cementing, packers, type of shutoff)
Casing: Racked + Sealed with clay

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, three copy to be retained by driller.

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

Driller's License Number: E77701
Driller's Signature: 

File No.: 
Duplicated: 
LOG

Top of Ground

(Bler. above sea level: 15')

Soft Brown Clay

Very Soft
Blue-Grey Clay

44% Rough gravel

47% Medium sandclay

Softer Clay

64

Layers of rock

Gravel + Clay

93

Very Hard Clay + conglomerate

128

Layers of Rock

Clay + Boulders

172

Very Soft Clay

Hard conglomerate

194

Course gravel

195 Bottom

Show exact depth of bottom.

Date: SEP 14 1966
County: LINCOLN

State of Montana
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Drilled Well (Feet) (Feet) PERFORATIONS
Role of Casing Kind From To

N

E

S

W

7" Borehole Location
37 0' 0" from place of gas, if possible. Each small square represents 40 acres.

(Continue on reverse side)
DECLARATION OF USE OF GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. **United States of America**
2. **Portage, Montana**
3. **Lincoln County, Montana**

The beneficial use on which the claim is based is **domestic**.

The date or approximate date of earliest beneficial use, and how continuous the use has been, is **January 1, 1954**. Continuous use until the present.

The amount of groundwater claimed (in miner's inches or gallons per minute) is **70 gal. per minute maximum - 2 gal. per min. average**.

If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: **Approximate 1 acre 100% and domestic**.

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

- **January 5 HP jet pump - Model 75E12HL30 - Model 3WA17 Single phase**

The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater, **January 1, 1954**.

The depth of water table is **50 feet**.

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:

- **Inside diameter well casing with 135° of 3 standard weight pipe - 6/2/M**

The estimated amount of groundwater withdrawn each year is **1,000,000 gallons**.

The log of formations encountered in the drilling of each well if available (Not available here but MLA said they drilled through 200' of clay and 17' of gravel).

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:

- Recorded: Lincoln County, Recorders Office, Libby, Montana. Book 5, Page 601, 602

Signature of Owner: **Kootenai National Forest**

Date: **1/2/1962**
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 __________  

J. E. Sanderson representing the United States having first been duly sworn, deposes and says that he is of lawful age and represents the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person representing whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

______________________________
J. E. Sanderson  

Forest Supervisor  

Kootenai Co.  

Lobby, Montana  

Subscribed and sworn to before me, this 6th day of March 1962

______________________________  
Notary Public for the State of Montana

Residing at Lobby, Montana  

My Commission expires July 6 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: [Lincoln]

J. E. Sanders, representing the United States, having first been duly sworn, deposes and says that he is of lawful age and represents the appropriator [ ] and claimant [ ] of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person [ ] representative of [ ] whose name [ ] is subscribed thereto, as the appropriator [ ] and claimant [ ] that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

[Signature]

Forest Supervisor

Kootenai No. [ ]

Libby, Montana

Subscribed and sworn to me, this 6th day of March, 19[62]

Notary Public for the State of Montana
Residing at Libby, Montana

My Commission expires July 6, 19[62]
WATER WELL LOG

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Churn drill</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use</td>
<td>Domestic</td>
<td>□</td>
<td></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: Automotive shops</td>
<td>□</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>3 ft. to 199 ft.</th>
<th>Type</th>
<th>std. steel</th>
<th>Size</th>
<th>6&quot;</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td>ft. to ft.</td>
<td>Type</td>
<td></td>
<td>Size</td>
<td></td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Ft. to Ft.</td>
<td>Type</td>
<td></td>
<td>Size</td>
<td></td>
</tr>
</tbody>
</table>

Type of screen or perforations: none

Static Water level, for non-flowing well: (68 ft. from surface) 131 feet.

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

Pumping water level: 199 feet at 8h7 gal. per min.

How tested: bail

Length of test: unknown

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>1 - 5</td>
<td>Top soil</td>
</tr>
<tr>
<td>5 - 106</td>
<td>Yellow clay same rock at 8, 15 &amp; 42 ft.</td>
</tr>
<tr>
<td>106 - 110</td>
<td>Rock</td>
</tr>
<tr>
<td>110 - 117</td>
<td>Clay and quicksand</td>
</tr>
<tr>
<td>117 - 136</td>
<td>Quicksand</td>
</tr>
<tr>
<td>136 - 184</td>
<td>Brown clay</td>
</tr>
<tr>
<td>184 - 218</td>
<td>Brown sandstone</td>
</tr>
</tbody>
</table>

- Water in sandstone from 18½ feet.
- Well cased into sandstone to 199 ft. with 6" std. pipe.
- Static water level 66 ft. from surface.
- Water drawdown 22 ft. bailing at rate of 647 g.p.hr.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

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

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

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

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

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

   6. The means of withdrawing such water from the ground and the location of such 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: Wallace G Perry
Date: Feb 2 1963

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

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

Original to County Clerk and Recorder; duplicate to State Engineer; triplicate to Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
STATE OF MONTANA
COUNTY OF LINCOLN
Filed No. 2nd
December 12, 1969
at 9:20 A.M.

M. M. Mangendick
Clerk, Clerk

By: A. R. Talon, Deputy
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. **Maurice H. Palmer** of **Trego**, (Name of Appropriator) (Address) (Town)

   County of **Lincoln**, 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 sprinkling*

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: *first used 1928 and since used continuously*

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): *2 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: *sprinkling 1/4 acre*

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: *pump with fast valve in spring, intake 1/4" pipe, 1 horse power pump*

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: *1956—pump and pipe installed*

   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: *spring cleaned out and pump and pressure tank installed; foot valve placed in spring*

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

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

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

   Signature of Owner: *Maurice H. Palmer*

   Date: **December 18, 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 LINCOLN
Filed this 18th day of December A.D. 1963 at 4:35 P.M.
By ______________________ Deputy

M. H. Kentfield
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: John Price  Address: 945 Main St.
Driller: Homer McClintic  Address: 945 Main St.

Date of Notice of Appropriation of Groundwater: Aug. 15
Date well started: Aug. 15
Date completed: Aug. 28

Type of well: Drilled
Equipment Used: 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>Depth of Bottom</th>
<th>Size of</th>
<th>Weight of</th>
<th>From</th>
<th>To</th>
<th>Kind</th>
<th>Bl:</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 ft.</td>
<td>7x10</td>
<td>23 #</td>
<td>189</td>
<td></td>
<td></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

Discharge in gal. per min. of flowing well

How tested: Discharge

Length of test: 3

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)

![Diagram]

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

Show exact depth of bottom.

Driller's License Number

Driller's Signature

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

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

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

MAY 10 1967

COUNTY OF LINCOLN

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER
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

Cecil & Barbara Fairchild (With right of survivorship)        Trego
(Name of Appropriator) (Address) (Town)
County of Lincoln State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Continuous since June 11, 1951

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 600 gallons per hour

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Land description on reverse side of this form.

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. Drilling began May 31, 1951. Well finished June 11, 1951

8. The depth of water table: 76 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:
   type - drilled well
   size - 6 inch.
   depth - 85 feet

10. The estimated amount of groundwater withdrawn each year: ordinary household, exact quantity unknown

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

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: Barbara Fairchild
Date: Sept. 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; quadruplicate for the Appropriator.
LAND DESCRIPTION:

Beginning at the Northeast (N.E.) corner of the Southeast (S.E.) quarter of Section 18, Township 34, north, Range 25 West; then south along the east boundary line of said subdivision a distance of 1320 feet; thence west, on a line parallel to the north boundary line of said subdivision a distance of 396 feet; then south, sixty degrees west, a distance of 353\frac{1}{4} feet to the center line of the county road and the point of beginning of the description for the tract hereby conveyed, thence from this point of beginning south seventy degrees west a distance of 208.7 feet; thence south twenty degrees east, 208.7 feet; thence north seventy degrees east 208.7 feet; thence north, 20 degrees west 208.7 feet to the point of beginning; said tract conveyed hereby containing one acre, more or less, and being in the Southeast quarter of the Southeast quarter of said Section 18.
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.

<table>
<thead>
<tr>
<th>Top of Ground (Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>From (Feet)</td>
</tr>
<tr>
<td>-------------</td>
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</tr>
</tbody>
</table>

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</tr>
</tbody>
</table>

PERFORATIONS

<table>
<thead>
<tr>
<th>Kind</th>
<th>Size</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level

Pumping water level

at gallons per minute, measured minutes after pumping began.

*Measured from ground level.

Well developed by

for hours.

Power . Pump . HP

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

<table>
<thead>
<tr>
<th>Remarks</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Driller's Signature

Driller's Address

LICENSE NO.

Show exact depth of bottom

54967
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. School District No. 13
   (Name of Appropriator)
   (Address)
   (Town)
   County of Lincoln
   State of Montana

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

The beneficial use on which the claim is based
   human consumption

The approximate date of earliest beneficial use; and how continues
   the use has been September 15, 1947;
   continuous to date.

The amount of groundwater claimed (in miner's inches or gallons per minute) 4.1 gallon per minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable

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 commencement - September 15, 1947 and completion -
   September 15, 1947.

8. The depth of water table 154.07 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 7 inch OD pipe, weight 20 pounds, threaded and collared joints and casing.

10. The estimated amount of groundwater withdrawn each year 150,000 gal.

11. The log of formations entered in the drilling of each well if available Two feet of top oil, overlying a rock formation, followed by clay, large rocks, gravel, reaching water gravel at 157 feet.

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 [Signature]
Chairman, Board of Trustees

Clerk of district
Date July 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 School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA
COUNTY OF LINCOLN
Filed on _____ day of August, A.D. 19___

[Signature]

[Signature]

By [Signature]

Deputy
Gw

Approved Stock Form—State Publishing Co., Helena, Montana—4504

WHO No.__________________________

DUPPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

J. V. and Evelyn G. McCurry
of Box 22
Address
Town

County of Lincoln
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. Use in home.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. June 1959 — continuous use.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. None.

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. June 1, 1959 — commenced, July 1, 1959 — completed.

8. The depth of water table. 10 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 aug. 18 Ft. Deep, 33 inches diameter concrete lined.

10. The estimated amount of groundwater withdrawn each year. 21, 000 Gals.

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

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. Page 91 and 92.

Signature of Owner

Date Dec. 28, 1963

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

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

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

Filed the 19th day of December, A.D. 1965,
by

Deputy

By

Deputy
Notice of Completion of Groundwater Appropriation by Means of Well

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

Owner: O. V. McCurry  
Address: Trogo, Mont.

Driller: Thatcher Drilling Co.  
Address: Eureka, Mont.

Date of Notice of Appropriation of Groundwater: May 21, 1966

Date well started: June 8, 1966  
Date completed: May 20, 1966

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.

<table>
<thead>
<tr>
<th>Depth</th>
<th>Material</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>73</td>
<td>soft brown clay &amp; silt with gravel &amp; boulders</td>
<td></td>
</tr>
<tr>
<td>93</td>
<td>clay and gravel beds</td>
<td></td>
</tr>
<tr>
<td>103</td>
<td>soft brown clay</td>
<td></td>
</tr>
<tr>
<td>125</td>
<td>very hard clay or shale layers with thin soft layers</td>
<td></td>
</tr>
<tr>
<td>199</td>
<td>layers of hard and soft clay formation</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 120 feet.
Shut-In Pressure for Flowing Well: 160 feet.
Pumping Water Level: 160 feet.
Discharge in gal. per min. of flowing well: 25 gal. per minute.

How Tested: Bailar
Length of Test: 6 hr.
Remarks: (Gravel packing, cementing, packers, type of shutoff) All as labeled

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).

Driller's License Number: 41,353
Driller's Signature: 

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Driller: Thatcher Drilling Co.  Address: B. J. McCurry, Address: Trego

Date of Notice of appropriation of groundwater... July 16, 1966
Date well started... July 8, 1966 Date completed... July 15, 1966

Type of well Drilled... (Dug, Driven, bored or drilled) Rotary
Type of equipment used... (Churn drill, rotary or other)

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐ Farm

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>Depth of Drilled Hole</th>
<th>Size and Weight of Drills</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Drills</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 7/8</td>
<td>6 in 17#</td>
<td>0</td>
<td>190</td>
<td>WY2</td>
<td>170</td>
<td>190</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 110 feet.
Shut-in Pressure for flowing well at 25 gal. per minute.
Discharge in gal. per min. of flowing well 150 feet.

How Tested: Compressor
Length of Test: 6 hrs.
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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).

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, tissue copy to be retained by driller.

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

Driller’s License Number: 41,355
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Helen A. Johnson
Address: Troy, Montana

Driller: B. W. Johnson
Address: Troy, Montana

Date of Notice of Appropriation of Groundwater: March 22, 1961
Date well started: March 22, 1961
Date Completed: April 25, 1961

Type of well: (drill, drive, bored or drilled)
Equipment Used: (Chim, drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

Indicate on the map the character and thickness of the different strata met with, well, clay, shale, gravel, rock or sand, etc.
Flow depth at which well is in watered, thickness and character of water-bearing strata and depth to which water rises in the well.

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:
Length of Test:
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number
Driller's Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws 1961)

Owner
M. H. T. Johnson
Address: Zenes, Montana

Driller
F. A. Johnson & Co.
Address: Ennis, Montana

Date of Notice of Appropriation of Groundwater
March 15, 1969

Date well started
March 25, 1969

Date completed
March 12, 1969

Type of well
Steam

Equipment used
Steam

Water Use
Domestic

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 water rises in the well.

Layers of soil:

- Grey and Brown Clay

- Gray Clay

- Sand and gravel

- Stone

- Rock

- Soil

Show exact depth of bottom.

Static Water Level for non-flowing Well: 44 ft

Shut-in Pressure for Flowing Well: 48 ft

Pumping Water Level: 43 ft

Discharge in gal. per min. of flowing well: 26 gpm

How Tested: Static

Length of Test: 8 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)

Used: cement sealed with commercial bentonite

Driller’s Signature

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

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

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

44, 115
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

William Smith
(Name of Appropriator)
of.
(Town)
County of

State of Montana

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

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

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

3. The amount of groundwater claimed (in miner's inches or gallons per minute) and principal source of water.

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

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

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

7. The depth of water table, static and static from bottom.

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

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

Signature of Owner:

Date:

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 LINCOLN

Filed: __________ day of
March 15, 1935 A.D. 10:30

Mrs. M. _______
County Clerk.
By: __________
Deputy
Notice of Completion of Groundwater Appropriation by Means of Well
Developed After January 1, 1965
(Under Chapter 237, Montana Session Laws, 1961)

William Isabell Edna Hoern
Owner

Driller: Thatcher Drilling Co.
Address: Eureka, Montana

Date of Notice of Appropriation: August 16, 1967

Date of Notice of Completion: May 27, 1967

Type of well: Drilled
Equipment used: Churn drill

Water use: Domestic

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.

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
Length of Test

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

Home use

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, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Date of Notice of Appropriation of Groundwater: Dec. 10, 1965

Date well started: Aug. 1962
Date Completed: Sept. 1964

Type of well: Dug
Equipment Used: Concrete Cofferdam

Water Use: Domestic ☑ Municipal ☐ Other ☐ Irrigation ☑ Industrial ☐ Drainage ☐ Stock ☑

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 water rises in the well.

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
Length of Test

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation.)

1 acre irrigated

Driller's License Number
Driller's Signature

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.

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.