### Groundwater Index

<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>10</td>
<td>Gates, Joseph W.</td>
<td>G.3.5</td>
<td>53799</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>&quot;</td>
<td>G.4.3</td>
<td>53801</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>&quot;</td>
<td>G.4.6</td>
<td>57106</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Blair, W.R.</td>
<td>G.7.0</td>
<td>57106</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Burke, Elmer</td>
<td>G.0.2</td>
<td>8104</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Nov 17, 1969

Owner: Joseph Gates
Address: Shawmut, Mont
Contractor (if any): Unknown
Address of Contractor: Unknown
Date Started: Unknown; Date Completed: Unknown

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes." Include depth to water when applicable. Depth and app 4' deep

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. Stock water used approx. months of the year

Signature of Owner: Joseph Gates
Date: Dec 30, 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.
State of Arizona,
Golden Valley County, ss.
Filed this 26th day of
December, A.D. 1963
at 2:30 o'clock P.M.

Elizabeth M. MacKay
County Recorder.
Helen K. Martinez
Deputy.
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: Oct 17 1963

Owner: Joseph J. Gates
Address: Shrewsbury Mont

Contractor (if any): None
Address of Contractor: None

Date Started: None. Date Completed: None.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Piped out, spring, spring, pump, piping, etc. Location.

App H

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. Water used for house and livestock. Used 12 months of the year. Also to irrigate farm crops.

Signature of Owner: Joseph J. Gates
Date: Dec 30 1963

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

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

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

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

The date given above as appropriation of groundwater is the date I took possession of the place.

J. J. G.
State of Illinois,  
Golden Valley County, 
Filed this ______ Day of 
December 26, 1962 
at 2:15 o'clock P.M. 

Elizabeth M. Jacoby  
County Recorder 

A. L. Martin  
Deputy
<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Cable Rig</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use:</td>
<td>Domestic</td>
<td>Municipal</td>
<td>Stock</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td>0 ft. to</td>
<td>1 ft.</td>
<td>Type &quot;S&quot;, S&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Size</td>
</tr>
<tr>
<td>Casing:</td>
<td>8 ft. to</td>
<td>10 ft.</td>
<td>Type &quot;S&quot;, S&quot;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Size</td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>feet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq. in. on: (date)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>feet at</td>
<td>20 gal. per min.</td>
<td></td>
</tr>
<tr>
<td>How tested:</td>
<td>Bailed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td></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>
<tr>
<td>Depth, feet</td>
<td>Description of Material Drilled</td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------</td>
<td>---------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>0 - 53</td>
<td>Yellow Shale (soft)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>33 - 70</td>
<td>Gry Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>70 - 90</td>
<td>Gry S. Shale</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Form No. 18  
S-60

<table>
<thead>
<tr>
<th>T.</th>
<th>R.</th>
<th>Location:</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>17</td>
<td>Sec. 34 T. 4 R. 17 1/4 sec.</td>
</tr>
</tbody>
</table>

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner</th>
<th>W. N. Blair</th>
<th>Address</th>
<th>Big Timber, Mont.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Albert Black</td>
<td>Address</td>
<td>Hardin, Mont.</td>
</tr>
<tr>
<td>Date Started</td>
<td>April 5, 1960</td>
<td>Date Completed</td>
<td>April 30, 1960</td>
</tr>
</tbody>
</table>

**Type of Well**

<table>
<thead>
<tr>
<th>Drilled</th>
<th>Equipment used</th>
<th>(Climb, drill, rotary, other)</th>
</tr>
</thead>
</table>

**Water Use**

<table>
<thead>
<tr>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
<th>Industrial</th>
<th>Drainage</th>
<th>Other</th>
</tr>
</thead>
</table>

**Casing**

<table>
<thead>
<tr>
<th>0 ft. to 43 ft.</th>
<th>Type iron casing</th>
<th>Size 6 inch</th>
</tr>
</thead>
<tbody>
<tr>
<td>43 ft. to 90 ft.</td>
<td>Type galvanized casing</td>
<td>Size 5 inch</td>
</tr>
<tr>
<td>Ft. to ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
</tbody>
</table>

**Perforated or Screened**

<table>
<thead>
<tr>
<th>Ft. 43 to Ft. 90</th>
<th>Ft. to Ft.</th>
</tr>
</thead>
</table>

**Type of Screen or Perforations**

<table>
<thead>
<tr>
<th>Punctured 3/4&quot; hole</th>
</tr>
</thead>
</table>

**Static Water Level**

<table>
<thead>
<tr>
<th>For non-flowing well</th>
<th>24 feet</th>
</tr>
</thead>
</table>

**Shut-in Pressure**

<table>
<thead>
<tr>
<th>For flowing well</th>
<th>lb./sq. in. on: (date)</th>
</tr>
</thead>
</table>

**Pumping Water Level**

<table>
<thead>
<tr>
<th>Feet at 60 gal. per min.</th>
</tr>
</thead>
</table>

**How tested**

<table>
<thead>
<tr>
<th>Failed</th>
</tr>
</thead>
</table>

**Length of Test**

<p>| |</p>
<table>
<thead>
<tr>
<th></th>
</tr>
</thead>
</table>

**Remarks**

<table>
<thead>
<tr>
<th>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
</tr>
</thead>
</table>

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 45</td>
<td>0</td>
<td>45</td>
<td>Light brown clay</td>
</tr>
<tr>
<td>45 to 75</td>
<td>45</td>
<td>75</td>
<td>Dark gray rock and shale</td>
</tr>
<tr>
<td>75 to 90</td>
<td>75</td>
<td>90</td>
<td>Light gray sand rock</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

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

Owner: Big Timber Town
Address: Big Timber

Date of Notice of appropriation of groundwater: 1-26-71
Date well started: 1-26-71
Date well completed: 1-27-71

Type of well: Drilled
Equipment used: Churn drill

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>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Lanch</td>
<td>6.12</td>
<td>1</td>
<td>36</td>
<td>NONE</td>
</tr>
<tr>
<td>Lanch</td>
<td>4.75</td>
<td>41</td>
<td>33</td>
<td></td>
</tr>
<tr>
<td>Plastic</td>
<td>4.75</td>
<td>8</td>
<td>39</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
8 feet.

Shut-in Pressure for Flowing Well
Discharge in gal. per min. of flowing well

How Tested: Used
Length of Test: See below

Remarks: (Gravel packing, cementing, Lock-Top, type of shutter)

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, time copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
<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>Gatko, Joseph</td>
<td>6w3</td>
<td>53797</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>&quot;</td>
<td>6w3</td>
<td>53902</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>&quot;</td>
<td>6w4</td>
<td>53800</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>&quot;</td>
<td>6w3</td>
<td>53798</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Opland, Gilbert</td>
<td>6w3</td>
<td>53794</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>&quot;</td>
<td>6w3</td>
<td>53793</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>&quot;</td>
<td>6w3</td>
<td>53795</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>&quot;</td>
<td>6w4</td>
<td>53790</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>&quot;</td>
<td>6w3</td>
<td>53792</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>&quot;</td>
<td>5w4</td>
<td>53796</td>
<td></td>
</tr>
</tbody>
</table>
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: Oct 19, 1959
Owner: Joseph J. Gates
Address: Hamilton, MT

Contrator (if any):
Address of Contractor:
Date Started: May 1, 1959
Date Completed: May 1, 1959

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

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

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

Signature of Owner: Joseph J. Gates
Date: Dec 30, 1963

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

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

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

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

The state copies are to be treated as a set, and shall remain with the State.
<table>
<thead>
<tr>
<th>File</th>
<th>1842</th>
</tr>
</thead>
<tbody>
<tr>
<td>Indexed by</td>
<td>7397</td>
</tr>
</tbody>
</table>

State of Montana,  
Golden Valley County,  
Filed this 3d day of {illegible}  
A.D. 1962  
at 2:30 o'clock P.M.  
Elizabetht M. Spruance  
County Recorder.  

Jose L. Martinez  
Deeds.
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: June 1961
Owner: Joseph G. Riley
Address: Shawmut, Mont.
Contractor (if any): John F. Gates
Address of Contractor: Same
Date Started: June Date Completed: June

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

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: Joseph G. Riley
Date: Dec 31 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropiator.
State of Montana, 1st...
Culver, Valley County.
Filed this 30th day of...
2:15 P.M.

Elizabeth M. Trubner
County Recorder.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Joseph F. Gates

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 30 years ago

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Not known

8. The depth of water table: 12

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 5 feet deep, 34 feet

10. The estimated amount of groundwater withdrawn each year: Varies or Unknown

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

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

Signature of Owner: Joseph F. Gates

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 California,
Golden Valley County,

Petitioner,

Respondent.

In the Summons,

Petitioner and Respondent,

Upon the Petition of

Petitioner, and

Respondent,

Defendant,

in an action to quiet title to

Published in the manner required by law,

This is to notify all persons interested in

That on the 26th day of August, 1963,

At 10 o'clock A.M.,

I, Elizabeth A. Harris,

County Recorder,

and

Olene E. Martin,

Deputy,

having due cause and cause shown,

Do hereby publish notice of the foregoing action,

Said action to be heard at the Courthouse

on the 7th day of September, 1963,

At 10 o'clock A.M.,

This is the 26th day of August, 1963.

[Signature]

[Signature]
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: Oct 12, 1959
Owner: JOSPEH T. GATES
Address: SHAWMUT, MONT
Contractor (if any) :
Address of Contractor :
Date Started: Unknown Date Completed: Unknown

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Measure for stock
water, if any, or estimate such amount. If use is intermittent
estimate approximate lengths of periods of use.

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

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

Signature of Owner: JOSPEH T. GATES
Date: Dec 30, 1963

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

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

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

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

The date given above as appropriation of
ground water is the date I took possession of
the place.

J. T. G.

File No. B-1004

Approved Stock Form—State Publishing Co., Helena, Montana—41154

JAN

30

1964

RECEIVED

23754
State of Missouri
Golden Valley County

I, Elizabeth M. Brandt,
County Recorder

 swear to

This: 30th day of

October, A.D. 1962
at 2:25 p.m.

Elizabctt M. Brandt
County Recorder

Grace K. Martin
Deputy
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: 1944
Owner: Gilbert Oelsen
Address: Big Timber, Mont.
Contractor (if any): Gilbert Oelsen
Address of Contractor: 

Date Started: 
Date Completed: 1961

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

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. 

Indicate point of appropriation and place of use, if possible.
NEVE SW 1/4 Sec. 28

Signature of Owner: Gilbert Oelsen
Date: 12-20-61

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.
State of Missouri, Golden Valley County.Filed this ___ day of __________________ at __:00 a.m. or p.m. Elizabeth M. Standing County Recorder.______________________ Signature of Recorder.

[Handwritten text on the right side of the page is not legible.]
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1931

Owner: Gilbert OPland
Address: Big Timber, MT

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 of
water when applicable.

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

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

Signature of Owner: Gilbert OPland
Date: 12-20-63

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

Three copies of this notice are to be filled 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.
State of Montana,

Gallatin Valley County.

Filed the 30 day of December 1962,
at 2:15 o'clock P.M.

(Handwritten signature)

County Recorder.

(Handwritten signature)

County Recorder.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1931

Owner: Gilbert Opland, Big Timber, Mont.

Contractor (if any): 

Address of Contractor: 

Date Started: Date Completed: 

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

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

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

Signature of Owner: Gilbert Opland

Date: 12-20-63

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.
State of Iowa.

Golden Valley County, \\

Filed this ........... day of \\

December 4, 1962, at 2:00 o'clock P.M.

Elizabeth M. Farnsworth
County Recorder

P. C. Martin
County
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Name of Appropriate: Gilbert Opland
Address: Big Timber, Mont
County of: Golden Valley
State of: Montana

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

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1950 - 1963

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Estimated 2000 gallons

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: Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: May 1950 - August 1950

8. The depth of water table: 10 ft. below 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: Drilled 6" diameter 60 ft. deep

10. The estimated amount of groundwater withdrawn each year: 2000,000 gal./year

11. The log of formations encountered in the drilling of each well if available: Clay 50 ft. shale 60 ft. shaly

12. Such other information or 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: Gilbert Opland
Date: 12-26-63

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; Duplicates to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
State of Montana,  
Golden Valley County,  
Filed this  
Dec. 6, 1963,  
at 8:26 o'clock P.M.  
Elizabeth W. McFarland  
Clerk and Recorder  

[Signatures]
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1961

Owner: Gilbert Opland
Address: Big Timber, Mont

Contractor (if any): 
Address of Contractor: 

Date Started: 
Date Completed: 

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

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

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

Signature of Owner: Gilbert Opland
Date: 12-20-63

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; quadruplicate for the Appropriator.
State of Montana,
Golden Valley County.
Filed this 26th day of December, A.D. 1946
at 2:08 o'clock P.M.

[Signature]
County Recorder.

[Signature]
Deputy.

53792