Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: DEC. 30, 1963

RALPH & ELEANOR
Owner: EUGENIA
Address: PHILIPSBURG

Contractor (if any): NONE

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. NATURAL SPRINGS

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... 

SE W1/4 Sec 30, T5N, W1/2
Indicate point of appropriation and place of use, if possible.

PO INCHES — USED

MAY THRU OCT.

Signature of Owner: Ralph E. Buchanan

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.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground (Elev. above sea level 6000)

7'-7" Static level.
Owner: U.S. Department of Agriculture - Forest Service
Address: Philipsburg, Montana

Driller: C.F. Jophon
Address: Milroy, MT 59926

Date of Notice of Appropriation of Groundwater:

Appropriation by Means of Well

Date well started: Jun 9, 1963
Date completed: June 6, 1963

Type of well: Drilled
Equipment Used: Churn drill
(dug, driven, bored or drilled)

Wells: 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.

- Static Water Level for non-flowing Well: 7'-7" feet.
- Shut-in Pressure for Flowing Well
- Pumping Water Level: 14' feet
- Discharge in gal. per min. of flowing well
- How Tested: Drilling
- Length of Test: 2 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)

Show exact depth of bottom.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for 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>1</td>
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<td>SWS</td>
<td>71414</td>
<td></td>
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<td>11</td>
<td>U.S. Forest Service</td>
<td>SWS</td>
<td>77418</td>
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<td>25</td>
<td>U.S. Forest Service</td>
<td>S7</td>
<td>50317</td>
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<td>25</td>
<td>U.S. Forest Service</td>
<td>S7</td>
<td>60316</td>
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<tr>
<td>25</td>
<td>U.S. Forest Service</td>
<td>SWS</td>
<td>78998</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 337 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: December 19, 1963

Owner or E. S. Forest Service Address: Philipsburg, Montana

Contractor (if any): None

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. Development of a natural spring
and piping water to troughs for stock 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: 1 Gallons
per minute, used from June 15 to Oct. 15 annually.

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

Signature of Owner: [Signature]

Date: December 19, 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.
FILED FOR RECORD

Jan 20, 19__

At 3:30 minutes past 12 o'clock

Authenticated by

County Recorder

Certified

Thos.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: December 19, 1963

Owner U. S. Forest Service Address: Missoula, Montana

Contractor (if any): None

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. Development of a natural spring and piping water into troughs for stock 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.

Signature of Owner:

Date: December 19, 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.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: 
Address: 

Driller: 
Address: 

Date of Notice of Appropriation of Groundwater: 

Type of well: Drilled 
Equipment Used: Churn (drill, rotary or other) 

Water Use: Domestic 

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 water rises in the well.

<table>
<thead>
<tr>
<th>Depth</th>
<th>Strata</th>
</tr>
</thead>
<tbody>
<tr>
<td>0'</td>
<td>Top of Ground</td>
</tr>
<tr>
<td>0'</td>
<td>Top soil &amp; Gravel</td>
</tr>
<tr>
<td>10'</td>
<td>Boulder &amp; Very Tight Gravel</td>
</tr>
<tr>
<td>15'</td>
<td>Loose Gravel</td>
</tr>
<tr>
<td>20'</td>
<td>Course gravel</td>
</tr>
<tr>
<td>25'</td>
<td>Light Gravel - very clean</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: feet. 
Shut-in Pressure for Flowing Well: 
Pumping Water Level: feet at gal. per minute. 
Discharge in gal. per min. of flowing well: 
How Tested: Pump. Length of Test: Hours. 
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
FILED FOR RECORD
Dec. 1, 1964 at
09 minutes past 11:00 o'clock
A. M.

Agnes M. McDonald
County Recorder

By Maude Echols
Deputy
# WATER WELL LOG

**Owner:** U.S. Forest Service  
**Address:** Philipsburg, Montana

**Owner:** U.S. Forest Service  
**Address:** Philipsburg, Montana

**Date Started:** August 1945  
**Date Completed:** August 1945

**Location:** Sec. 25 T. 16N R. 16W NE

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
<th>Hand Tools</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dug</td>
<td>(Dug, driven, bored, or drilled)</td>
<td>(Churn drill, rotary, other)</td>
</tr>
</tbody>
</table>

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

**Casing:** 0' ft. to 10' ft.  
Type: Concrete Pipe  
Size: 10'

**Casing:** ft. to ft.  
Type:  
Size: 

**Casing:** ft. to ft.  
Type:  
Size: 

**Perforated or Screened:** Ft. to Ft.  
Ft. to Ft.

**Type of screen or perforations:**

**Static Water level, for non-flowing well:** 8'

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

**Pumping water level:** 8' feet at 15 gal. per min.

**How tested:**

**Length of test:**

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

---

(over)
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: U.S. Forest Service
Address: Philipsburg, Montana

Driller: Joe Nettah
Address: Philipsburg, Montana

Date Started: August 1957
Date Completed: August 1957

Location: Sec. 25 T. 16N. R. 16W., 1/4 sec. SW.

Type of well: Dug
Equipment used: Mechanical Digger
(Drill, driven, bored, or drilled)

Water use: Domestic
Municipal
Stock
Irrigation

Industrial
Drainage
Other: Camp Ground

Casing: 0 ft. to 12 ft.
Type: Concrete Pipe
Size: 10 in.

Casing: 12 ft. to 28 ft.
Type: Size

Casing: 28 ft. to 50 ft.
Type: Size

Perforated or Screened: Ft. to Ft.

Type of screen or perforations:

Static Water Level, for non-flowing well: 10 ft.

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

Pumping water level: 10 ft.
feet at 15 gal. per min.

How tested:

Length of test: 

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

(over)
<table>
<thead>
<tr>
<th>Lot of Well</th>
<th>Description of Material Drilled</th>
<th>Filed for Record</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>50815</td>
<td>Feb. 10, 1958</td>
</tr>
</tbody>
</table>

At 45 minutes past 2:00 o'clock, H. E. McDougal made the election. Made election.

Feet: Ex. GRANITE COUNTY SEAT.
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. 5/7/1967
Owner's Address. Address of Contracting Firm.
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: 

20 minutes including water used for washing about and irrigating.

Signature of Owner. WALTER E. LANDON
Date. Dec. 19, 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.
## GROUNDWATER INDEX

<table>
<thead>
<tr>
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<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Jordan Watson</td>
<td>SW 3</td>
<td>77-465</td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>Yardley Smith</td>
<td>SW 3</td>
<td>77-124</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: DEC. 23, 1963

Owner: ELLIS YARDELY Address: PHILIPSBURG, MONT.

Contractor (if any): NONE

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.

NATURAL SPRING

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.

80.0 INCHES

USED FOR STOCK WATER
AND IRRIGATION

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

Signature of Owner:

Date: DEC. 23, 1963

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

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

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

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

11/23
34 minutes past 2 o'clock

S. M. McWhirter
County Recorder

By
Deputy
### Groundwater Index

<table>
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<tr>
<td>40</td>
<td>U.S. Forest Service</td>
<td>SW 2</td>
<td>10194</td>
<td></td>
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<tr>
<td>41</td>
<td>U.S. Dept. of Agric.-Forest Ser.</td>
<td>GW 2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 287, Montana Session Laws, 1961)

Secretary of State

Administrator of Groundwater Code
Office of State Engineer

Spillway Camp Ground

Owner

U.S. Forest Service

Address

Dillon, Montana

Date of Notice of Appropriation of Groundwater

Oct. 6, 1961

Date well started

Oct. 6, 1961

Date well completed

Oct. 10, 1961

Type of well

Drilled

Equipment Used

Churn Drill

(dug, driven, bored or drilled)

20-23 gray clay, gravel

Water Use

Domestic

Municipal

Other

Irrigation

Industrial

Drainage

Stock

Campground

20-23 gray clay, gravel

75-90 boggy gray clay and sand

lots of water couldn't clear

6" 6" blk. 18" up

18.97 lb. Std. Seamless

American made

90-96 yellow clay / gravel

finished in gravel at 96

Static Water Level for non-flowing Well

35 feet

Shut-in Pressure for flowing Well

40

Pumping Water Level

feet at 25 gal. per minute.

Discharge in gal. per min. of flowing well


How tested: Bailer

Length of Test 24 hrs

It marks: (Gravel packing, cementing, packers, type of shut-off, 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).

Markings:

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

License No. 9

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.
FILED FOR RECORD
Nov. 10, 1964
at 24 minutes past 1:00 o'clock
P. M.

Arnold H. McDonald
County Recorder

By Nanda Rocha
Deputy
Notice of Completion of Groundwater Appropriation by Means of Well

Appropriation by Means of Well

Under Chapter 237, Montana Session Laws, 1961

<table>
<thead>
<tr>
<th>Date of Notice of Appropriation of Groundwater</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Type of well: 
Equipment Used: 
(dug, driven, bored or drilled) 
(Churn, drill, rotary or other)

Indicator 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.

Static Water Level for non-flowing Well: 7 ft 7" feet.
Shut-in Pressure for flowing Well: 
Pumping Water Level: 14 ft feet at 6 gal. per minute.
Discharge in gal. per min. of flowing well:
How Tested: 
Length of Test: 2 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)

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

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.
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<tr>
<td>1</td>
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<td>GW 3</td>
<td>77318</td>
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</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: December 12, 1963.

Owner: U.S. Forest Service
Address: Phillipsburg, Montana

Contractor (if any): None
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. Development of natural spring and piping water into wooden trough, for stock 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.

Gallon per minute, used from June 15 to Oct. 15 annually by permitted livestock.

Signature of Owner: U.S. Forest Service
Date: December 12, 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.
## Groundwater Index

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<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>182</td>
<td>Jack Brown</td>
<td>GU2</td>
<td>86726</td>
<td></td>
</tr>
<tr>
<td>183</td>
<td>Rich Perkins</td>
<td>GU2</td>
<td>96168</td>
<td></td>
</tr>
<tr>
<td>184</td>
<td>Earl Green</td>
<td>GU2</td>
<td>77493</td>
<td></td>
</tr>
<tr>
<td>185</td>
<td>W. W. Anderson</td>
<td>GU2</td>
<td>84830</td>
<td></td>
</tr>
<tr>
<td>186</td>
<td>Joe Miller</td>
<td>GU2</td>
<td>89602</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well Developed After January 1, 1982
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Fred Weaver Address: Drummond

Driller: Donald R. Beebe Address: Arlee, Montana

Date of Notice of appropriation of groundwater

Date well started: April 8, 1966 Date completed: April 10, 1966

Type of Well Drilled (Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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

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

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)

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

(Continue on reverse side)

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).

Household

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.

County: Granite

Driller’s License Number

Driller’s Signature

Montana # 163
FILED FOR RECORD

June 8, 1966 at 30 minutes past 1:00 o'Clock P. M.

Armin H. McDonald
County Recorder

By: Ernade Robala
Deputy

Fee: $2.00
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: Rich Perkins
Address: Falls, Montana

Date well started: 6/2/73
Date completed: 6/6/73

Type of well: Dug (Dug, driven, bored or drilled)

Equipment used: Crown Drill

Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]

Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

For Administrator's Use [ ]

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).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of</th>
<th>Top and</th>
<th>From FT</th>
<th>To FT</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hole</td>
<td>Wedge</td>
<td>(Foot)</td>
<td>(Foot)</td>
<td></td>
</tr>
<tr>
<td>6&quot;</td>
<td>6 5/8&quot;</td>
<td>60&quot;</td>
<td>60&quot;</td>
<td>Cutting torch</td>
</tr>
</tbody>
</table>

Static water level: ft.
Pumping water level: ft.

Power: [ ] Pump HP

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

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

Driller's Signature: _______________________
Driller's Address: 2914 Harvard Avenue

Butte, Montana 59701 LICENSE NO. 8

Show exact depth of bottom
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Earl Green  
Address: 418 E. Park  
Anaconda, Montana

Driller: C. F. Roberts  
Address: Willow Creek P.O. #1  
Anaconda, Montana

Date of Notice of Appropriation: Oct. 22, 1962  
Date Completed: Nov. 3, 1962

Type of well: Drilled  
Equipment Used: Churn drill

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

Notice: 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.

<table>
<thead>
<tr>
<th>Strata Met</th>
<th>Depth</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top soil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21</td>
<td></td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Gray to orange clay and silt.</td>
<td></td>
</tr>
<tr>
<td>46 ft. static level</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water being taken from bottom 10 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>57 ft. pumping level</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<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>8&quot;</td>
<td>6&quot;x 19.48 0' 1lb.</td>
<td>66'</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>8&quot; 75.5LB Surface 22'</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 46 feet.

Shut-in Pressure for Flowing Well:

Pumping Water Level: 57 feet at 70 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Bailer

Length of Test: 3 hrs.

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)

A gravel pack of 3/8" to 1/4" gravel on outside of 6" casing from bottom of hole to 54'. A 5 ft sand pack on top of gravel. To surface 4 ft packed with clay.

Driller's License Number: 62

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

Owner: [name] Address: [address]
Driller: [name] Address: [address]

Date of Notice of appropriation of groundwater: [date]
Date completed: [date]

Type of well: [type]
Equipment used: [equipment]

Water use: Domestic [x] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other [ ]

Indicate on the diagram the character and thickness of the different strata met 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 (ft)</th>
<th>Soil and Rock</th>
<th>Water Level</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 1'</td>
<td>top soil &amp; small gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1' - 2'</td>
<td>cobble stone &amp; gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2' - 35'</td>
<td>sand &amp; gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>35' - 40'</td>
<td>red clay &amp; water</td>
<td></td>
<td></td>
</tr>
<tr>
<td>40' - 45'</td>
<td>sand &amp; water</td>
<td></td>
<td></td>
</tr>
<tr>
<td>45' - 50'</td>
<td>gravel &amp; water</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 6 ft. of top of ground
Shut-in Pressure for Flowing Well: 8 ft. of top of ground
Pumping Water Level: 40 ft. of top of ground
Discharge in gal. per min. of flowing well: 15 gal. per min.

How Tested: [method]
Length of Test: [length]
Remarks: (Gravel packing, cementing, packers, type of shut-off)

Show exact depth of bottom. 93 ft. from top of ground

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

Driller's License Number: [license]
Driller's Signature: [signature]

[Date: 5/4/64]
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>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0'</td>
<td>K</td>
<td>LARGE GRAVEL &amp; SAND</td>
</tr>
<tr>
<td>30'</td>
<td>40'</td>
<td>MONTANA'S CLAY</td>
</tr>
<tr>
<td>50'</td>
<td>70'</td>
<td>SAND &amp; GRAVEL</td>
</tr>
</tbody>
</table>

Owner: Jim Gilles
Address: W. Higginsburg, Montana
Date well started: July 12, 1972
Date well completed: July 15, 1972
Type of well: DRILLED
Equipment used: CHAIN DRILL
Water Use: Domestic

*Describe:

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).

ESTIMATED ANNUAL WITHDRAWAL:

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Rocks</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>L x D</td>
<td>6 x 6 D</td>
<td>0'</td>
<td>30'</td>
</tr>
<tr>
<td>250</td>
<td>17.2 ft</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 6 ft.
Pumping water level: 12 ft.

*Measured from ground level, gallons per minute, measured minutes after pumping begun.

Power: 25 HP
Remarks: (Gravel packing, cementing, packers, type of shut-off)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 10 ACRES.

Driller's Signature: [Signature]
Driller's Address: [Address]

Show exact depth of bottom

52 438
FILLED FOR RECOLL:
February 15, 1973
at 55 minutes past 1 a'clock
P. D.

Morrison Recorder

Henry Harrison
Clerk Recorder