Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: ALEX DEINES
Address: 1027 JUNE LN

Driller: S. O. DENNIS
Address: 111, 8TH STREET E.

Date of Notice of Appropriation of Groundwater: ________________

Date well started: __________________ Date Completed: ______________

Type of well: ______ Equipment Used: ______
(drill, driven, bored or other)

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.

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

Static Water Level for non-flowing well: 12 FT 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: __________________ 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).

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.

Driller's License Number

Driller's Signature
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: [Name]
Address: [Address]

Driller: [Name]
Address: [Address]

Date of Notice of Appropriation of Groundwater: [Date]

Date well started: [Date]
Date completed: [Date]

Type of well: Drilled
Equipment Used: Churn

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.

<table>
<thead>
<tr>
<th>Size of Drilled Hole (Feet)</th>
<th>Strata and Weight of Drilling (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Soil</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>65&quot;</td>
<td>65&quot; - 17&quot;</td>
<td>0</td>
<td>38'</td>
<td>None</td>
<td>0</td>
<td>38'</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 20 feet.
Shut-in Pressure for Flowing Well: [Pressure]
Pumping Water Level: 35' feet at 15 gal. per minute.
Discharge in gal. per min. of flowing well: [Discharge]

How Tested: [Test Method]
Length of Test: [Length]

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

[Diagram with grid indicating strata and depth]

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.

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

[Signature]
Filed for record this [Day] of [Month] at [O'clock] A.M.

59/161
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: Aly Oliva
Address: Billings, Mont. 59101

Contractor (if any): Fred P. Huggett
Address of Contractor: 1602 Broadwater Ave, Montana

Date Started: July 14, 1966
Date Completed: Aug 8, 1966

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.

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.

Signature of Owner: Aly Oliva
Date: June 25, 1973

54201
STATE OF MONTANA, ss.

County of Valley,

The within was filed in our office

COUNTY OF VALLEY

LAW OFFICE

at 10:12 a.m.,

on the day of _

Seal

By

Deputy
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner: A. D. Stinner
Address: Building Montana 231

Contractor (if any): O. A. Brooks
Address of Contractor: Deadwood, May 2, 1945

Date Started: Date Completed: Oct 1, 1932

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring was located by work and concrete or screen used to lower end were more than usual depth.

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: A. D. Stinner
Date: Jan 23, 1931

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 MONTANA, ss.

County of Yellowstone.

This instrument was filed in my office
this 6th day of June, 1973, at
at 10:16  a.m.

MERRILL L. LUNDY
County Clerk, Deputy

By: Deputy
DECLARATION of VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1951)

STATE OF MONTANA
OFFICE OF STATE ENGINEER

STATE ENGINEER

1. Name of Appropriator: John H. Poe
   Address: 123 Main St., Town
   County: Flathead
   State of Montana

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

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

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

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

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

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

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

   8. The depth of water table:

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

   10. The estimated amount of groundwater withdrawn each year:

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

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

   Signature of Owner:
   Date:

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 & Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the appropriator.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 21, Montana Session Laws, 1965)

1. CLARK W. ALLEN
   (Name of Appropriator)
   (Address)
   State of Montana
   County of Yellowstone

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

2. The beneficial use on which the claim is based
   Stock water, Household Water and Irrigation

3. Date or approximate date of earliest beneficial use, and how continuous the use has been, 1940, Steady use

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
   1/2 acre, Flat sandy loam, Clark W. Allen

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   1940

8. The depth of water table
   8 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
   6 inch casing, 35 feet deep

10. The estimated amount of groundwater withdrawn each year
    500,000 gallons per year

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
    Not available

   Signature of Owner: Clark W. Allen
   Date: December 21, 1965

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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1951)

Date of Appropriation of Groundwater: 
Owner: Address:
Contractor (if any): Address:
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:
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.
STATE OF MONTANA
In the County of
This instrument was filed in my office this 28th day of June, 1979, at 10:17 a.m.

[Signature]
Deputy
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Cora F. Giles, of Route 1, Laurel, 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: Used for watering livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Well was completed in 1938, has been used steadily since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Well will pump 30 gallons per minute.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Water is drawn by pump (piston type) powered by a gas motor.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Well was started in September 1938 and completed in December 1938.

8. The depth of water table: Water table is 35 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: Well is hand dug for 25 ft. then drilled for an additional 10 ft.

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

11. The log of formations encountered in the drilling of each well if available: Well is dug in shale rock to 25 ft. then solid rock was encountered. A drill was used to get through this.

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

Signature of Owner: ______________
Date: December 30, 1963

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

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

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

This instrument was filed in my office
This 36th day of Dec, 1889
at 11:30 o'clock A.M.

Edwin S. Redding,
County Clerk & Recorder

Esq. By.

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:** CLARENCE L. WEIN

**Date well started:** UNKNOWN

**Date well completed:** UNKNOWN

**Type of well:** DUB

**Equipment used:** OTHER

**Water Use:**
- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other
- Garden/Lawn

**Describe USE:** If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or on (i.e., Lot, Block, and Addition). OT LOT T, SINE NWSE.

**ESTIMATED ANNUAL WITHDRAWAL:** 252,000

**PERFOMATIONS**

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind Size</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>3&quot;</td>
<td>None</td>
<td>5'</td>
<td>18'</td>
<td>SHALE</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static water level:** 5' ft.

**Pumping water level:** 15' ft.

**Power:** ELECTRIC

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

**Show exact depth of bottom**

**License No.:** 55760
STATE OF MONTANA, P.S. 
County of Yellowstone, P.S. 
This instrument was filed in my office 
this 29th day of 
May, 19-- at 
5:30 o'clock A.M. 
MERRILL H. KLUNDT 
County Clerk & Recorder 
By Deputy
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1981)

Date of Appropriation of Groundwater: JULY 1971

Owner: CLARENCE L. WEIR
Address: ROUTE 1, LAUREL

Contractor (if any): WESTERN PUMP & METER
Address of Contractor: 302 COOK AVENUE, BILLINGS

Date Started: JULY 12, 1971 Date Completed: JULY 25, 1971

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

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. 3,600,000 APRIL TO NOVEMBER.

Signature of Owner: CLARENCE L. WEIR
Date: 6-24-73

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 MONTANA,  
County of Yellowstone,

This instrument was filed in my office
this _______ day of _______, 19_____
at ___________________ o'clock A.M.
MERRILL H. KLUNDT
County Clerk & Recorder
By ________________________ Deputy
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 4.30.73

L. ERNEST AND/OR
Owner: GAIL PRITZ
Address: RT 1, BILLINGS, MT 59101

Contractor (if any): SELF CONTRACTED
Address of Contractor:

Date Started: 5.72
Date Completed: 5.72

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.

3 MINER'S INCH CONSTANT

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

Doc. No.: 933126
Filed for report this
A.D. 19.73 at
o'clock

Signature of Owner:
Date: 4.30.73

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 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:** Walter Wukasch  
**Address:** Black Creek Rd.  
**File:** 927985

Date well started: January 1946  
Completed: January 1946

**Type of well:**  
**Equipment used:**

**Water Use:** Domestic  
Municipal  
Stock  
Irrigation  
Industrial  
Drainage  
Other  
Garden/Lawn

*Describe Well at Time*

**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 Irrigation Well</th>
<th>Rate</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Top of Ground**  
Top of ground level: 39.5 ft.  
Static water level: 39.5 ft.

Pumping water level: 39.5 ft.  
At 2 gallons per minute, measured 5 minutes after pumping begun.

*Measured from ground level.  
Well developed by Passenger Car.  
Power: headlines.  
Pump: 50 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  
**LICENSE NO.:**  

Show exact depth of bottom
thick, sand, show and in well.

337938

STATE OF MONTANA,
County of Flathead.

This instrument was filed in my office
this June 28, 1973
at 10:09 AM.

John P. Sullivan, Clerk
By: J. Sullivan, Deputy

...
<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>
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<tbody>
<tr>
<td>2</td>
<td>Thompson, C. Davis</td>
<td>1957 Well Log</td>
<td></td>
<td></td>
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<tr>
<td>2</td>
<td>Thornton, Max E</td>
<td>1957 Well Log</td>
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<td></td>
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<tr>
<td>2</td>
<td>Vale Creek Ranch</td>
<td>GW12</td>
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<td>$63200</td>
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<td>4</td>
<td>Hill, D.B.</td>
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<td></td>
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<td>Hill, D.B.</td>
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<tr>
<td>10</td>
<td>Hoot Lister Co.</td>
<td>GW12</td>
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<td>Blankenbaker, Ralph</td>
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<tr>
<td>15</td>
<td>Newman, Carolyn</td>
<td>1957 Well Log</td>
<td></td>
<td></td>
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<tr>
<td>18</td>
<td>Kuhn, Walter</td>
<td>GW13</td>
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<tr>
<td>20</td>
<td>Spallage, Ernest</td>
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<td>Becker, Nathan</td>
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<td>Blankenbaker, Ralph</td>
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<td>Blankenbaker, Ralph</td>
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<td>28</td>
<td>Cooper, Homer</td>
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<td>Cooper, Homer</td>
<td>1957 Well Log</td>
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<td>Cooper, Homer</td>
<td>1957 Well Log</td>
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<tr>
<td>9</td>
<td>Kuhn, Walter</td>
<td>GW13</td>
<td></td>
<td>437637* previously drilled</td>
</tr>
</tbody>
</table>
## Water Well Log

**Owner:** C. Davis Thompson  
**Address:** Blue Creek  
**Driller:** C. Lynn Mayson  
**Address:** 606 Laurie Lane  

**Date Started:** 10-20-61  
**Date Completed:** 12-15-61  
**Location:** Sec. 2 T. 25 R. 26E 1/4 sec. 4 sec. 54E NW 2

**Type of well:** Drilled  
**Equipment used:** Cable tools

**Water use:** Stock  
**Drill:** Domestic  
**Municipal:** Stock  
**Indust.:** Stock  
**Irrigation:** Stock  
**Drainage:** Stock  
**Other:** Stock

**Casing:**  
- 0 ft. to 24 ft. Type **HEAVY** 2 1/2 Size 6 7/8
- 24 ft. to 827 ft. Type **HEAVY** 17/8 Size 6 7/8
- 827 ft. to 963 ft. Type 5 5/8 Size 5 5/8

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

**Type of screen or perforations:**

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

**Shut-in pressure, for flowing well:** 10.0 lb./sq. in. on: 12-20-61

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

**How tested:**

**Length of test:**

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

**Surface Casing Cemented w/3% Cement & Gravel**  
**6 7/8 CEMENTED 9 1/2 8 in. Bottom**

**5 1/2 Liner cemented 32 sec**
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>10</td>
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<tr>
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<td>376</td>
<td>400</td>
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<tr>
<td>400</td>
<td>440</td>
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<tr>
<td>440</td>
<td>575</td>
</tr>
<tr>
<td>575</td>
<td>615</td>
</tr>
<tr>
<td>615</td>
<td>640</td>
</tr>
<tr>
<td>640</td>
<td>713</td>
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<tr>
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<td>777</td>
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<td>777</td>
<td>790</td>
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<tr>
<td>790</td>
<td>812</td>
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<tr>
<td>812</td>
<td>845</td>
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<tr>
<td>845</td>
<td>918</td>
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<td>918</td>
<td>945</td>
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<tr>
<td>985</td>
<td>1018</td>
</tr>
<tr>
<td>1018</td>
<td>1023</td>
</tr>
</tbody>
</table>
# WATER WELL LOG

**Owner:** Max E. Thornton  
**Address:** 2020 Meridian, Billings Montana

**Driller:** Toler Exploration Drilling Co.  
**Address:** Worland, Wyoming

**Date Started:** 1-11-59  
**Date Completed:** 2-2-59

**Location:** Sec. 2  
**T. 29**  
**R. 26E**  
**4 sec. SE SW**

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Rotary</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>(Dug, driven, bored, or drilled)</td>
<td>Domestic</td>
<td>Stock</td>
</tr>
<tr>
<td></td>
<td>Municipal</td>
<td>Stock</td>
<td>Irrigation</td>
</tr>
<tr>
<td></td>
<td>Industrial</td>
<td>Drainage</td>
<td>Other</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
<th>Stock</th>
<th>Industrial</th>
<th>Drainage</th>
<th>Other</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[ ]</td>
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<td>[ ]</td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 37 ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[ ]</td>
<td></td>
<td>8-5/8</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 1178 ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[ ]</td>
<td></td>
<td>4-1/2</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Perforated</th>
<th>1164 ft. to 1176 ft.</th>
<th>Ft. to Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>[ ]</td>
<td>[ ]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
<th>Bullets and Jets (88 perforations)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well:</th>
<th>feet</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well:</th>
<th>154</th>
<th>lb./sq. in. on:</th>
<th>2-2-59</th>
<th>(date)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Pumping water level:</th>
<th>[ ] feet at [ ] gal. per min.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
<th>[ ]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length of test:</th>
<th>[ ]</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) |
|-------------------------------------|---------------------------------|
|                                     | Surface casing cemented by HOMCo with 12 sacks |
|                                     | 4-1/2" casing cemented by HOMCo with 33 sacks |

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>Mowry sandstone, gray, buff with streaks of bentonite and shale, dark gray, siliceous</td>
</tr>
<tr>
<td>273</td>
<td>Thermopolis shale, gray, silty</td>
</tr>
<tr>
<td>626</td>
<td>Newcastle sandstone, salt and pepper, fine grained</td>
</tr>
<tr>
<td>632</td>
<td>Skull Creek shale, dark gray, flaky</td>
</tr>
<tr>
<td>812</td>
<td>Dakota silt sandstone, gray, shaly with interbedded siltstone, gray, shaly</td>
</tr>
<tr>
<td>913</td>
<td>Dakota sandstone, gray, very fine to fine</td>
</tr>
<tr>
<td>966</td>
<td>Fuson shale, red, grey-green, silty, sandy</td>
</tr>
<tr>
<td>1136</td>
<td>Lakota sandstone, light gray, fine to medium, gray, good porosity</td>
</tr>
<tr>
<td>1177</td>
<td>Morrison shale, dark green-gray</td>
</tr>
</tbody>
</table>
STATE WATER CONSERVATION BOARD

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Vale Creek Ranch
Address: P.O. Star Route
Billings, Montana

Driller: Ted Benes
Address: P.O. Box 1953
Billings, Montana

Date of Notice of Appropriation of Groundwater:

Date well started: Aug. 20, 1966
Date completed: Aug. 22, 1966

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

Water Use: Domestic ☑️ Municipal ☑️ Industrial ☑️ Irrigation ☑️ Other ☑️

If you indicate on the diagram the thickness and character 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>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>9&quot;</td>
<td>7&quot;</td>
<td>Surface</td>
<td>50</td>
<td>slotted</td>
</tr>
<tr>
<td>New 20 pound pipe</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 10 feet

Shut-In Pressure for Flowing Well: 10" from surface

Pumping Water Level: 10 feet at 150 gal per minute

Discharge in gal per min. of flowing well: □

How Tested/Pump Tested: Length of Test: 4 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) After running 7" casing, well was gravel packed from 13' to 50' and cemented from surface to 13'.

Great Northern Drlg. #69
Driller's License Number

Driller's Signature

Ted Benes - Drlg. Supt.

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.

42,175
WATER WELL LOG

Owner: D.B. H112
Driller: D.B. H112

Address: Blue Creek Route
Address: Blue Creek Route

Date Started: March 2, 1931
Date Completed: March 7, 1931

Location: Sec. 1 T. 38 N. R. 266 W. 61

Type of well:地下水
Equipment used: Pick and shovel

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

Casing: 30 ft. to 34 ft. Type Rock Size 6 feet across
Casing: 30 ft. to 34 ft. Type Size
Casing: 30 ft. to 34 ft. Type Size

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

Type of screen or perforations:

Static Water level, for non-flowing well: 20 feet.
Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: feet at gal. per min.

How tested:

Length of test:

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

(continued)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Dirt and shale</strong></td>
</tr>
</tbody>
</table>

*Note: The table is incomplete and requires filling in the details.*
**WATER WELL LOG**

**Owner:** E. B. Hill
**Address:** Blue Creek Route
**Billings, Montana**

**Driller:** E. B. Hill
**Address:** Blue Creek Route
**Billings, Montana**

**Date Started:** July 1, 1910
**Date Completed:** July 6, 1910

**Location:** Sec. 5  T. 28  R. 268  1/4 sec. SE 1/4

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

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

**Casing:**
- 30 ft. to 31/4 ft. Type: Rock  Size: 6 feet across

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

**Static Water level, for non-flowing well:** 28 feet

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

**Pumping water level:** feet at 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>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>Dirt and Shale</strong></td>
</tr>
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</tr>
</tbody>
</table>

**Log of Well**
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Hart Livestock Company
Owner: James Hart
Address: Box 1781, Billings
Driller: Great Northern Drilling

Date of Notice of Appropriation of Groundwater: 8-18-66
Date well started: 8-2-66
Date Completed: 8-18-66

Type of well: Drilled
Equipment Used: Rotary

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.

Muddy Sandstone 645-685

N0. 1 W 12/20' 1195 1220

5" casing cemented at top with 5 racks

cement

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, state, otherwise the form will be returned.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Date of Appropriation of Groundwater:</th>
<th>June 28, 1979</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner:</td>
<td>Thompson</td>
</tr>
<tr>
<td>Address:</td>
<td>123 Main St.</td>
</tr>
<tr>
<td>Contractor (If any):</td>
<td>Joe Alternator</td>
</tr>
<tr>
<td>Address of Contractor:</td>
<td>Billings, MT</td>
</tr>
<tr>
<td>Date Started:</td>
<td>1970</td>
</tr>
<tr>
<td>Date Completed:</td>
<td>1974</td>
</tr>
</tbody>
</table>

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.

Signature of Owner: 

Date: 6-28-79

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 Appropriaor.
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: 1910

Owner: RHODES BLANDIN
Address: Box 39, Blps, Mont

Contractor (if any): Ralph Blankenbake
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. SPRING, SURFACE

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. YEAR AROUND

STOCK WATER

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

Signature of Owner: Ralph Blankenbake
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.
Form No. 18

COU COUNTY

[RECEIVED JAN 2 1962]

Owner: CAROLYN NEWMAN
Driller: LEON ANDERSON

Date Started: 1944
Date Completed: 1944
Location: Sec. 15, T. 25 R. 26 E. 4th. Sec. SW. SE

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

Water use: Domestic ☑  Municipal ☐  Irrigation ☑
Industrial ☐  Drainage ☐  Other ☐

Casing: 0 ft. to 28 ft. Type: Blackcoe 6"
Casing: 28 ft. to 38 ft. Type: 7"se
Casing: 38 ft. to 48 ft. Type: 8"se

Perforated or screened: 38 ft. to 48 ft. 38 ft. to 58 ft.
Type of screen or perforations: slits

Static water level, for non-flowing well: 30 ft. feet

Head pressure for flowing well: — lb./sq. in. on: (date)

Pumping water level: Day: feet at 2 gal. per min.

How tested: 

Length of test: 

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

Well pumps dry after about 4 weeks.
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: June 28-73
Owner: Walter Kudla
Address: Blue Creek Rd.
Contractor (if any): 
Address of Contractor: 
Date Started: April 17
Date Completed: April 17

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: Walter Kudla
Date: June 28-73

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 MONTANA, } ss.
County of Yellowstone. } as.

This instrument was filed in my office
this 28th day of June, 1915
at 10:17 o'clock A.M.

MERRILL M. KLUND
County Clerk & Recorder

By [Signature] Deputy
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Date of Appropriation of Groundwater</th>
<th>Owner</th>
<th>Address of Owner</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/6/1940</td>
<td>Ernest Sparaugh</td>
<td>442 Main St.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Contractor (if any)</th>
<th>Address of Contractor</th>
</tr>
</thead>
</table>

Date Started: 1940  Date Completed: 1940

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

Maintained over years.

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, sufficient for stock, food, garden, water, etc. Living or place need all year. When not needed during dormant season for stock.

Signature of Owner: Ernest Sparaugh
Date: 11-1-46

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 MONTANA

County of Kellis County

This instrument was filed in my office at 1:30 P.M.,
NOV 1, 1969.

By: [Signature]

By: [Signature]
DECLARATION of VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1962)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION of VESTED GROUNDWATER RIGHTS
Chapter 237, Montana Session Laws, 1962

1. Martha Becker, of Blue Creek Bl - Billings

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

2. The beneficial use on which the claim is based

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

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

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

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

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

8. The depth of water table:

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

10. The estimated amount of groundwater withdrawn each year:

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

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

Signature of Owner:

Date:

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 & Recorder; Duplicate to the State Engineer; Triplicate


to the Montana Bureau of Mines and Geology; and Quadruplicate for the appropriate

owner.

1962
STATE OF MONTANA, 
County of Yellowstone, 1893.
This instrument was filed in my office
this __ day of ____._ 1893.
[Signature]
S. Smith, Sheriff
County Clerk & Recorder
[Signature]
Form No. 18

Owner: Carolyn E. Newman
Address: E. V. Newman
Driller: W. D. Newman
Date Started: 6/29/35
Date Completed: 11/8/35
Location: Sec. 21 T. 25 R. 2663, W. 5 S. E. N. E.

Type of well: Deep well
Equipment used: Churn drill

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

Casing: 0 ft. to 8 ft. Type: Cased or cased, Pipe Size: 12 in.
Casing: 8 ft. to 24.5 ft. Type: Iron, Pipe Size: 8 in.
Casing: 24.5 ft. to 45 ft. Type: Size

Perforated or screened: 18 ft. to 24 ft., 24 ft. to 45 ft.

Type of screen or perforations: 5/8 in. hole

Static water level for non-flowing well: 16 feet

Total pressure for flowing well: ___ lb. per sq. in. on: (date)

Pumping water level: determined feet at ___ gal. per min.

How tested: __________
Length of test: _________

Remarks: (Travel packing, cementing, packers, type of shut-off, depth of shut-off)
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
MONTANA WATER RESOURCES BOARD

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: 1910

Owner: RALPH BLANKENBERGER
Address: 1 BOX 29, BILLINGS, MONT

Contractor (if any): 
Address of Contractor: 

Date Started: 
Date Completed: 

1) Describe means of obtaining groundwater (as by subirrigation, 
   developed spring, drains, etc.): DEVELOPED SPRINGS

2) Means of withdrawing water (gravity, pump, canal, etc.): GRAVITY

3) Depth of water table:

4) Use of the water: HOSE & STOCK WATER

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

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

7) Estimate amount of water used each year:

Signature of Owner: RALPH BLANKENBERGER
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 Yellowstone. In
This instrument was filed in my office
Feb 23, 1969

By

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: 1960

Owner: JAMES SMITH
Address: 1234 Main St., Bozeman, 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 to water when applicable.

Spring Fed Reservoir

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:

Year Around
Stock Water

Signature of Owner: GERALD BAKER
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.

File No: 3MK
County: YELLOWSTONE
T 25R 26W
<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form No. 18</td>
<td>8-60</td>
</tr>
<tr>
<td>Country</td>
<td>Yellowstone</td>
</tr>
<tr>
<td>Owner</td>
<td>Homer Cooper</td>
</tr>
<tr>
<td>Driller</td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td></td>
</tr>
<tr>
<td>Date Completed</td>
<td></td>
</tr>
<tr>
<td>Location</td>
<td>Rev. 23 R. 961</td>
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<tr>
<td>Dug</td>
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<tr>
<td>Equipment used</td>
<td>Pick &amp; Shovel</td>
</tr>
<tr>
<td>(Dug, driven, or drilled)</td>
<td>(Churn drill, rotary, other)</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic</td>
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<td></td>
<td>Municipal</td>
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<td>Irrigation</td>
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<td>Stock</td>
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<td>Industrial</td>
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<td>Drainage</td>
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<td></td>
<td>Other</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to ft.</td>
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<td>Type</td>
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<td>Size</td>
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<td>ft. to ft.</td>
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<td>Type</td>
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<td>Size</td>
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<tr>
<td>Perforated or screened:</td>
<td>Ft. to Ft.</td>
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<tr>
<td></td>
<td>Type</td>
</tr>
<tr>
<td></td>
<td>Size</td>
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<tr>
<td>Static water level, for non-sounding well:</td>
<td>ft.</td>
</tr>
<tr>
<td>Shut-in pressure for flowing well:</td>
<td>lb./sq. in. on:</td>
</tr>
<tr>
<td></td>
<td>Plenty</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>gal. per in.</td>
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<td></td>
<td>Revor</td>
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<tr>
<td>How tested</td>
<td></td>
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<tr>
<td>Length of test</td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td>(Travel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>
Form No. 18
8-50

BUREAU OF MINES AND GEOLOGY
Butte, Montana

COUNTY Yellowstone

<table>
<thead>
<tr>
<th>Water Well No.</th>
<th>Owner: Homer Cooper</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td></td>
</tr>
<tr>
<td>Date Completed</td>
<td></td>
</tr>
<tr>
<td>Location:</td>
<td>26 T. 25 R. 2668</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Equipment Used</th>
<th>Pick &amp; Shovel</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Dug, driven, or drilled)</td>
<td>(Churn drill, rotary other)</td>
<td></td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic</td>
<td>Municipal</td>
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<td></td>
<td>Industr.</td>
<td>Dreame.</td>
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<th>Casing:</th>
<th>ft. to</th>
<th>ft.</th>
<th>Type</th>
<th>gals.</th>
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<th>ft.</th>
<th>Type</th>
<th>gals.</th>
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</thead>
<tbody>
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</tr>
</tbody>
</table>

Type of screen or perforations

Static water level, for non-flooding well:

Min. pressure, for flooding well:

Pumping water level:

How tested:

Length of test:

Remarks: (Gravel, pecking, cementing, packers, type of shut-off, depth of shut-off)
Owner: Homer Cooper  
Address: Blue Creek Rd.

**Date Started**

**Date Completed**

**Location:** Sec. 26 T. 28 R. 26 S.

**Type of Well:**
- **Dug** (Dug, driven, or drilled)
- **Equipment used:** Pick & Shovel (Churn drill, rotary other)

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

**Casing:**
- Ft. to Ft. Type Size

**Type of screen or perforations:**
- Perforated or screened: Ft. to Ft. to Ft. to Ft.

**Static water level, for non-flowing well:**

**Lift pressure for flowing well:**

**Pumping water level:**
- **Lusty**  Foot at gal. per s.m.

**How tested:**
- **Honor**

**Length of test:**

**Remarks:**
- (Dravel packing, cementing, packers, type of shut-off, depth of shut-off)
Form No. '8
8-60

STATE ENGINEER

Vater Well: Horace Cooper - Address: 200 Main St.
Driller: Address:

Date Started: Date Completed: Year(s):

Location: Sec. 28, T. 21 N., R. 33E.

Type of well: Deep
Equipment used: [ ] Top & Manvel
- [ ] Down, driven, or drilled
- [ ] Churn drill/rotary other

Vater use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]

Industrial [ ] Drainage [ ] Other

Casing: _______ ft. to _______ ft. Type _______ Size _______

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: _______ ft.

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

Pumping water level: _______ ft. at _______ gal. per min.

How tested: _______

Length of test: _______

Remarks: _______

(Travel packing, cementing, packers, type of shut-off, depth of shut-off)
Form No. 18

GREAT BUREAU OF INDIAN AND FOREIGN
Butte, Montana

STATE ENGINEER

Owner: Homer Cooper
Address: Blue Accent

Date Started: Date Completed: Type of use: Domestic □ Municipal □ Irrigation □

Location: Sec. 30 T. 16 R. 114 Sec.

Type of well: Drilled (Drill, driven, or drilled) Equipment used: Pick and Shovel (Churn drill, rotary other)

Vater use: Domestic □ Municipal □ Irrigation □

Type: Domestic □ Municipal □ Irrigation □

Casing: _____ ft. to _____ ft. Type: _____ Size: _____

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: _____ feet

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

Pumping water level: _____ feet at _____ gph. per sq. in.

How tested: _____

Length of test: _____

Remarks: (Travel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Water Well No.</th>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Hammer Cooper</td>
<td>Blue Alder</td>
</tr>
</tbody>
</table>

**Water Well**

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
<th>Yes/No</th>
</tr>
</thead>
<tbody>
<tr>
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<td></td>
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</tbody>
</table>

**Location:** Sec. 10, T. 10 S., R. 98 W. M.B.

**Type of well**

- [ ] Bore
- [ ] Driven
- [ ] Drilled

**Equipment used:** Pick and Shovel

**Water use:**

- [ ] Domestic
- [ ] Municipal
- [ ] Irrigation
- [ ] Industrial
- [ ] Drainage
- [ ] Other

**Casing:**

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Type</th>
<th>Size</th>
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<tbody>
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</tbody>
</table>

**Driller:**

**Date Completed:** Yes/No

**Type of screen or perforations:**

**Static water level, for non-flowing wells:** Fifteen (15) feet.

**Water pressure for flowing wells:** 15 lb./sq. in.

**Pumping water level, twenty feet:** Rel. per in.

**Drum:**

**Length of test:**

**Remarks:** Travel packing, cementing, packers, type of shut-off, depth of shut-off.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Homer C. Cooper
   of Blue Creek Rte.
   Billings
   (Name of Appropriate) (Address) (Town)

   County of Yellowstone
   State of Montana

   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1992, as follows:

   2. The beneficial use on which the claim is based for 
      Household Use and Watering Stock etc

   3. Date or approximate date of earliest beneficial use and how continuous the use has been 1898
      They have been used steadily

   4. The amount of groundwater claimed (in miner's inches or gallons per minute) Not known

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1888-99

   8. The depth of water table 10 Ft. -20 Ft.

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
      1 - well approx 6'x30' and 3' x 40'

   10. The estimated amount of groundwater withdrawn each year 40,000 to 50,000 Gal. - Est

   11. The log of formations encountered in the drilling of each well if available Dug by hand

   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 Homer Cooper
   Date 12-27-65

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.