Notice of Completion of Groundwater Appropriation by Means of Well

Date of Notice of Appropriation: 

Date Well Started: 

Date Well Completed: 

Type of Well: 

Water Use: 

Remarks: 

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

Driller's Signature: 

Please answer all questions. If not applicable, so state; otherwise the form will be returned.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Conrad H. Hase, of 300 E. Main St., Glendive, 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: (1) stock water, (2) stock water, (3) stock water and household.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: (1) 1932, constant; (2) 1939, constant; (3) 1951, constant.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): (1) 3 gallons; (2) 4 gallons; (3) 5 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: Not used for irrigation.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: (1) windmill or motor; (2) pump and motor; (3) electric pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: (1) 1932; (2) 1939; (3) 1951.

8. The depth of water table: (1) 20 ft.; (2) 20 ft.; (3) 30 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) hand-dug, 2 ft. diameter, 20 ft. depth; (2) hand-dug, 2 ft. diameter, 25 ft. depth; (3) Grilled, 4 inch casing, 70 ft. depth.

10. The estimated amount of groundwater withdrawn each year: (1) 200,000 gal.; (2) 180,000 gal.; (3) 200,000 gal.

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: No other information available.

Signature of Owner: Conrad H. Hase
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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA  
County of Dawson  
Filed for record this 28th day of December, A.D. 1963, at 3 o'clock P.M. 

Gordon W. Russell  
County Clerk and Recorder.  

By. Deputy.  

286889
<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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<td>13</td>
<td>Jones, Hazel</td>
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<td>S2 Ranch, Robert</td>
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<td>Land, Robert</td>
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</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Donald W. Moffett, at Box 227
County of Dawson State of Montana
(Address) (Town)

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: About 1930 - 3rd Continuous Ever Since

4. The amount of groundwater claimed (in millions of bushels or gallons per minute): Five Gallons Per Minute

5. If used for irrigation, give the average daily summation of the land which water has been applied and name of the owner thereof: Not Y.S.S.1. For Irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Pump Back and Wind Mill On Sucker Type Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: About 1930 - Exact Date Not Known

8. The depth of water table: 130 Feet to Water

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: The Well Is A Drilled Well 320 Feet Deep With 4 1/2 Inch Steel Casing

10. The estimated amount of groundwater withdrawn each year: 40,000 Gallons

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: None

Signature of Owner: Donald W. Moffett
Date: 2-27-63

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; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

3173
286593

STATE OF MONTANA
County of Dawson

Filed for record this 22nd day of December, A.D. 1963, at 4 o'clock P.M.

By __________________________ Deputy.

County Clerk and Recorder.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: John A. Regan
Address: Glendive, Montana

Driller: Harold Hanson
Address: Lindsy, Montana

Date of Notice of Appropriation of Groundwater: Oct. 21, 1968

Date well started: Oct. 21, 1968
Date Completed: Oct. 21, 1968

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</th>
<th>Mud and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot;</td>
<td>4&quot; T.D.</td>
<td>0</td>
<td>20</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 11 feet.
Shut-in Pressure for Flowing Well:
Pumping Water Level: 11 feet at 6 gal. per minute.
Discharge in gal. per min. of flowing well:
How Tested: Single bucket, Length of Test one hour

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

Driller's License Number
Driller's Signature

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

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

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

44751
<table>
<thead>
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<th>Form No. 18</th>
<th>8-60</th>
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<td>County</td>
<td>监听</td>
</tr>
<tr>
<td>MONTANA BUREAU OF MINES AND GEOLOGY</td>
<td>Butte, Montana</td>
</tr>
<tr>
<td>DEC 29 1961</td>
<td>WATER WELL LOG</td>
</tr>
<tr>
<td>Owner</td>
<td>Ludig Konig</td>
</tr>
<tr>
<td>Driller</td>
<td>Harold Gavin</td>
</tr>
<tr>
<td>Date Started</td>
<td>Nov. 5, 1961</td>
</tr>
<tr>
<td>Location: Sec. 6</td>
<td>T. 25</td>
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<table>
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<th>Type of well drilled</th>
<th>Equipment used</th>
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<td>(Aug, driven, bored, or drilled)</td>
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<tr>
<td>Domestic □</td>
<td>Municipal □</td>
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<tr>
<td>Industrial □</td>
<td>Drainage □</td>
</tr>
<tr>
<td>Casing: 0 ft. to 35 ft. Type: steel</td>
<td>Size: 6 inch</td>
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<tr>
<td>Casing: ft. to ft. Type:</td>
<td>Size:</td>
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<tr>
<td>Perforated or Screened: Ft. 25 to Ft. 35</td>
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<tr>
<td>Type of screen or perforations: slots cut in casing</td>
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<td>Static Water level, for non-flowing well: 20 feet</td>
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<td>Shut-in pressure, for flowing well: lb./sq. in. on:</td>
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<tr>
<td>Pumping water level 15 feet at 5 al. per min.</td>
<td></td>
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<tr>
<td>How tested: slush bucket</td>
<td></td>
</tr>
<tr>
<td>Length of test: one hour</td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
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</table>

(over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>15</td>
<td></td>
<td>light clay mixed with a little sand</td>
</tr>
<tr>
<td>18</td>
<td>35</td>
<td></td>
<td>gravel</td>
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</table>
Notice of Appropriation of Groundwater
Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Robert McNakin
Address: Fallon, Montana
Driller: Ira C. Bond
Address: Terry, Montana

Date of Notice of Appropriation of Groundwater
Date well started: 11/19/63
Date Completed: 11/23/63

Type of well: Drilled
Equipment Used: Cable
(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.

<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 of Casing</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 1/8</td>
<td>4&quot; ID</td>
<td>surface 128'</td>
<td>5/16</td>
<td>Burned</td>
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</table>

Static Water Level for non-flowing Well...
Shut-in Pressure for Flowing Well...
Pumping Water Level...
Discharge in gal. per min. of flowing well...
How Tested: bailer
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)

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

Show exact depth of bottom.

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

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

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

Filed for record this 6th day of December A.D. 1962, at 12:00 o'clock A.M.

Gordon H. Russell
County Clerk and Recorder.

By: By: Deputy

File pl. #2

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

Owner: Robert Holak
Address: Fallon, Montana

Driller: Irn. e Bond
Address: Terry, Montana

Date of Notice of Appropriation of Groundwater

Date well started: 6/26/63, Date Completed: 6/29/63

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

Water Use: Domestic, Municipal, Stock, Irrigation

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>5 5/8</td>
<td>4 in., 10,891 lb</td>
<td>0</td>
<td>142</td>
<td>holes 5/16 122 138</td>
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</table>

Static Water Level for non-flowing Well: 100 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level: 127 feet at 4 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: with bailer. Length of Test: 2 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)

Driller's License Number

Driller's Signature

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.
STATE OF MONTANA  
County of Dawson  

Filed for record this 7th day of  
Oct., A. D. 1943, at  
9:00 o'clock A.M.  

[Signature]  
County Clerk and Recorder.  

By  
Deputy.
Form No. 18
8-60

Montana Bureau of Mines and Geology
Butte, Montana

WATER WELL LOG

Owner: Hess Brothers
Address: Glendive, Montana

Driller: R. L. Gavigan
Address: Lindsay, Montana

Date Started: July 20, 1959
Date Completed: July 28, 1959

Location: Sec. 9 T. 15 R. 52 § sec. N. W.

Type of well: Drilled
Equipment used: Churn

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

Casing: 0 ft. to 160 ft. Type □    Size □
Casing: □ ft. to □ ft. Type □    Size □
Casing: □ ft. to □ ft. Type □    Size □

Perforated or Screened: Ft. 80 to ft. 160. Ft. □ to ft. □

Type of screen or perforations: Slats cut in casing

Static Water level, for non-flowing well: 70 feet.
Shut-in pressure, for flowing well: □ lb./sq. in. on:

Pumping water level: 130 feet at □ gal. per min.

How tested: Slush bucket

Length of test: one hour

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

(over)
<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 - 80</td>
<td>clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>80 - 160</td>
<td>clay and thin veins of sand</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

Owner: Hess Brothers  
Address: 

Driller: J. W. Davis  
Address: Lindsay, Montana

Date Started: July 20, 1959  
Date Completed: July 23, 1959

Location: Sec. 9, T. 15, R. 52, W. 4 sec 11 W.

**Type of well**  
Drilled

**Equipment used**  
Churn

**Water use:**  
- Domestic 
- Municipal 
- Stock ✔️  
- Irrigation 
- Industrial 
- Drainage 
- Other:

**Casing:**  
- Depth: 0 ft. to 160 ft.  
- Type: Sanitary steel  
- Size: 4"  
- Casing:
- Depth: ft. to ft.  
- Type:  
- Size:
- Casing:
- Depth: ft. to ft.  
- Type:  
- Size:
- Perforated or Screened: Ft. 80 to 160 ft. to ft.
- Type of screen or perforations: slate cut in casing

**Static Water level, for non-flowing well:** 70 feet

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

**Pumping water level:** 130 feet at 4 gal. per min.

**How tested:** slush bucket

**Length of test:** one hour

**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>0-80</td>
<td>clay</td>
</tr>
<tr>
<td>80-160</td>
<td>clay and thin veins of sand</td>
</tr>
</tbody>
</table>
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 J. Hess and Conrad H. Hess, of 300 N. Main St, Glendive, Dawson County, Dawson State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

2. The beneficial use on which the claim is based: 1, 2, 3, 4, 5 - stock water.

3. Date or approximate date of earliest beneficial use and how continuous the use has been: (1) 1957, not used at present; (2) 1956, not used at present; (3) 1955, not used at present; (4) 1954, not used at present.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): (1) 5 gal., (2) 5 gal., (3) 5 gal., (4) 5 gal., (5) 5 gal.

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: (1) windmill, (2 & 3) hand pump, (4) windmill, (5) motor.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: (1) 1957, (2) 1956, (3) 1955, (4) 1954, (5) 1954.

8. The depth of water table: (1, 2, 3) 30 ft., (4) 60 ft., (5) 90 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) drilled, 4 in. casing, 60 ft. deep; (2) drilled, 4 in. casing, 30 ft. deep; (3) drilled, 4 in. casing, 50 ft. deep; (4) drilled, 6 in. casing, 60 ft. deep; (5) drilled, 6 in. casing, 30 ft. deep.

10. The estimated amount of groundwater withdrawn each year: (1, 2, 3, 5) none, (4) 20,000 gal.

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: no other information available.

Signature of Owner: Joseph J. Hess
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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

31809
STATE OF MONTANA
County of Dawson

Filed for record this 20th day of December, A. D. 1963, at 3 o'clock P.M.

Gordon W. Russell
County Clerk and Recorder.

By

Deputy.

File No. 286692
Notice of Completion of Groundwater Appropriation by Means of Well

(Title 237, Chapter 257, Montana Session Laws, 1961)

Owner: Louise Sear

Driller: Harold Harris

Date of Notice of Appropriation of Groundwater: July 25, 1969

Date well started: May 29, 1969

Date completed: June 2, 1969

Type of well: Drilled

Equipment used: Driven

Water Use: Domestic □ Municipal □ Other □ Irrigation □

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

Static Water Level for non-flowing Well: 45 feet

Shut-in Pressure for flowing Well:

Pumping Water Level: 73 feet at 4 gallons per minute.

Discharge in gal per min. of flowing well:

How Tested: slug check

Length of Test: one hour

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

Driller's License Number: 86

Driller's Signature: Harold Harris

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 Without Well

(Under Chapter 237 Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Date of Appropriation of Groundwater</th>
<th>1960</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>A.B. Smith</td>
</tr>
<tr>
<td>Address</td>
<td>123 456 Blvd</td>
</tr>
<tr>
<td>Contractor (if any)</td>
<td>N/A</td>
</tr>
<tr>
<td>Address of Contractor</td>
<td>N/A</td>
</tr>
<tr>
<td>Date Started</td>
<td>N/A</td>
</tr>
<tr>
<td>Date Completed</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Describes 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.

- **Pipes to truck for stock water**
- **Springs for small water holes**

Signature of Owner: [Signature]
Date: [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
County of Dawson

Filed for record this 71st day of
December, A. D. 1963, at
1:30 o'clock p.m.

gordon W. Russell
County Clerk and Recorder

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

Date of Appropriation of Groundwater: 1947

Owner: [Name]
Address: [Address]
Contractor (if any): [Name]
Address of Contractor: [Address]
Date Started: [Date]
Date Completed: [Date]

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: [Signature]
Date: [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
8-60

T. 15 R. 52
County DAWSON

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Hugh Searle</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Olandina, Montana</td>
</tr>
<tr>
<td>Driller</td>
<td>H. J. Gavin</td>
</tr>
<tr>
<td>Address</td>
<td>Lindsay, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>July 15, 1960</td>
</tr>
<tr>
<td>Date Completed</td>
<td>July 23, 1960</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 15 T. 15 R. 52 1/4 sec. S.W.</td>
</tr>
</tbody>
</table>

Type of well: Drilled
Equipment used: Churn

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

Casing: 0 ft. to 17 ft. Type: heavy steel Size: 5" T.D.
Casing: ______ ft. to ______ ft. Type: ______ Size: ______
Casing: ______ ft. to ______ ft. Type: ______ Size: ______

Perforated or Screened: Ft. 30 to Ft. 17 ft. Ft. ______ to Ft. ______

Type of screen or perforations: slots cut in casing

Static Water level, for non-flowing well: ______ feet.
Shut-in pressure, for flowing well: ______ lb./sq. in. on: ______
(Pump testing water level: 160 feet at 3 gal. per min. ______
How tested: slush bucket
Length of test: 3 hours

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

(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</td>
<td>214</td>
<td>Clay</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>26</td>
<td>sand</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>64</td>
<td>clay</td>
<td></td>
</tr>
<tr>
<td>64</td>
<td>70</td>
<td>sand and clay mixed</td>
<td></td>
</tr>
<tr>
<td>70</td>
<td>88</td>
<td>clay, a trace of coal at 88</td>
<td></td>
</tr>
<tr>
<td>88</td>
<td>110</td>
<td>clay with some sand mixed</td>
<td></td>
</tr>
<tr>
<td>110</td>
<td>170</td>
<td>clay with thin veins of sand</td>
<td></td>
</tr>
<tr>
<td>170</td>
<td>174</td>
<td>sand</td>
<td></td>
</tr>
</tbody>
</table>
# WATER WELL LOG

**Owner:** Hughlear

**Address:** Glendive, Mont.

**Driller:** J. H. Harin

**Address:** Lindsey, Mont.

**Date Started:** July 15, 1960

**Date Completed:** July 23, 1960

**Location:** Sec. 15, T. 15, R. 52, 3/4 sec. 5 NW1

**Type of well:** Drilled

**Equipment used:** Churn

**Water use:** Stock

**Type of water:** Domestic, Municipal, Stock, Irrigation, Industrial, Drainage, Other

**Casing:**
- 0 ft. to 14 ft., Type: Steel, Size: 4 in.
- 14 ft. to 30 ft., Type: Steel, Size: 6 in.
- 30 ft. to 174 ft., Type: Steel, Size: 8 in.
- Perforated or Screened: 30 ft. to 174 ft., Type: Slotted or cut in casing

**Static Water level:** 26 ft.

**Shut-in pressure:** (date)

**Pumping water level:** 160 feet at 3 gal. per min.

**How tested:** Slush bucket

**Length of test:** 3 hours

**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>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>25'</td>
</tr>
<tr>
<td>24</td>
<td>26</td>
</tr>
<tr>
<td>26</td>
<td>64</td>
</tr>
<tr>
<td>64</td>
<td>70</td>
</tr>
<tr>
<td>70</td>
<td>88</td>
</tr>
<tr>
<td>88</td>
<td>110</td>
</tr>
<tr>
<td>110</td>
<td>170</td>
</tr>
<tr>
<td>170</td>
<td>174</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(Name of Appropriator) (Address) (Town)

County of Dawson 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), used 8 months a year:

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 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 Without Well

(Under Chapter 237 Montana Session Laws, 1961)

State of Montana
Administrator of Groundwater Code
Office of State Engineer

Date of Appropriation of Groundwater: (1) 1962 (2) 1963
Owner: Conrad J. Bass
Address: 300 E. Main St.
Helena, Montana

Contractor (if any): None

Address of Contractor: None

Date Started: (2) 1962 Date Completed: (2) 1963

Describe means of obtaining groundwater without a well “as by sub-irrigation and other natural processes”. Include depth to water when applicable. (1 & 2) Estimated 2 ft. deep for spring water.

Section 9 T 11 R 51
Section 16 T 15 R 52

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. (1) 2 gal. per minute developed; measured by piping to tank: 400,000 gal. used per year. (2) 1 gal. per minute developed; measured by piping to tank: Used 4 months per year.

Signature of Owner: (2) State of Montana

Date: December 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.
STATE OF MONTANA
County of Dawson

Filed for record this 30 day of December A.D. 1963, at

[Signature]
County Clerk and Recorder.

By [Signature] Deputy.

[Signature]
File No. 2 30
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. 62 Ranch, Inc.,
   of Box 670 Glendive
   (Name of Appropriator) (Address) (Town)
   County of Dawson 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
   Stock
   Continuous use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   July 1, 1963
   July 1, 1968

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   Pumping water level 150 feet at
   5 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
   Pump run with an electric motor, and
   pump jack

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Feb. 10, 1958
   Feb. 15, 1958

8. The depth of water table
   75 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
   type Drivon
   size 64-inch hole
   4-inch casing packed in pea size gravel
   10 ft. water cemented off

10. The estimated amount of groundwater withdrawn each year
    150 feet at 5 gallon-per-min.

11. The log of formations encountered in the drilling of each well if available
    0 to 25 ft yellow clay,
    25 to 50 ft brown clay, 50 to 70 ft grey clay, 70 to 75 ft sand, 75 to 140 ft. grey clay, 140 to 145 sand, 145 to 150 ft. grey clay, 150 to 155 ft. rock, 155 to 175 ft. grey clay.

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

   52 Ranch Inc.
   Signature of Owner
   Date: December 6th, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
286131

STATE OF MONTANA
County of Dawson

Filed for record this 6th day of
December A.D. 1943, at
5:00 o'clock P.M.

Vera G. Russell
County Clerk and Recorder.

By  I. S. Schubert, Deputy.

June pl $2.00
<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>Depth (ft.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>sod</td>
</tr>
<tr>
<td>5</td>
<td>clay-sand</td>
</tr>
<tr>
<td>10</td>
<td>clay</td>
</tr>
<tr>
<td>15</td>
<td>sand</td>
</tr>
<tr>
<td>20</td>
<td>clay</td>
</tr>
</tbody>
</table>

**Owner:** Robert M. Mekin
**For Administrator's Use**

**Date well started:** June 12-70

**Type of well:** Drilled

**Equipment used:** Churn drill, rotary or other

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

**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 Drilling</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot;</td>
<td>4.70</td>
<td>138</td>
</tr>
</tbody>
</table>

**Static water level:** 72 ft.

**Pumping water level:** 12 ft.

at 25 gallons per minute, measured 2 minutes after pumping began.

**Well developed by:** Churn drill

**Power:** Pump 2 HP

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

**Driller's Signature:** Harold Lewis

**Driller's Address:**

**License No.:** 1.38 ft. Show exact depth of bottom
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
Robert M. Maker
Address

Date well started
3/24/70
GW 1
Date well completed
5/15/70

Type of well
Drilled

Equipment used
Churn

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 other data (i.e. Lot, Block and Addition).

Estimated Annual Withdrawal
110,000 gal.

<table>
<thead>
<tr>
<th>Size of Hole</th>
<th>Depth (Feet)</th>
<th>Prom (Feet)</th>
<th>Top (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>4.15</td>
<td>0</td>
<td>138</td>
<td>75</td>
</tr>
</tbody>
</table>

Static water level
72 ft.*
Pumping water level
112 ft.*
at 1.5 gallons per minute,
measured 60 minutes after pumping
began.

*Measured from ground level.

Well developed by _________
for ________ hours.

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

LICENSE NO. 85

Show exact depth of bottom
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12-27-63
Owner: Donald W. Moffatt
Address: Fallon, Montana
Contractor (if any) None
Address of Contractor
Date Started: 4-1-58  Date Completed: 6-15-58

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. A natural spring
was piped to a 500 gallon tank
for livestock 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. Water
flows to tank at the rate of 30 gallons per hour. This water
is used for about eighty days each
year for livestock water.

Signature of Owner: Donald W. Moffatt
Date: 12-27-63

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 MONTANA
County of Dawson

Filed for record this 27th day of December, A.D. 1942, at 4:00 o'clock P.M.

Gordon W. Russell
County Clerk and Recorder.

By: Deputy.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>A. R. Latcha</th>
<th>13-7-16 Glenbe</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of Appropriator</td>
<td>Address</td>
<td>Town</td>
</tr>
<tr>
<td>County of</td>
<td>State of Montana</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>2. The beneficial use on which the claim is based</th>
<th>3. Date or approximate date of earliest beneficial use, and how continuous the use has been</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Diagram of ground area]</td>
<td>1959 daily</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>4. The amount of groundwater claimed (in miner's inches or gallons per minute)</th>
<th>10 gallons</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>5. The date of withdrawal of the amount of groundwater claimed</th>
<th>6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>7. Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres</th>
<th>8. The date of construction or installation of the well, wells, or other works for withdrawal of groundwater</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>9. The depth of water table</th>
<th>10. The estimated amount of groundwater withdrawn each year</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>11. The log of formations encountered in the drilling of each well if available</th>
<th>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</th>
</tr>
</thead>
</table>

Signature of Owner: ____________________________ Date: Nov 14, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
287036

STATE OF MONTANA
County of Dawson

Filed for record this 31st day of December, A. D. 1962 at 4:30 o'clock p.m.

[Signature]
County Clerk and Recorder.

By [Signature] Deputy.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Tomy Lathe
Address: Lander, Montana

Driller: J. D. Davis
Address: Silver, Montana

Date Started: June 4
Date Completed: June 15, 1955

Location: Sec. 24, T. 15 N., R. 52 W., 1/4 sec.

Type of well: Drilled
Type of screen or perforations:

Equipment used: Churn

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

Industrial [ ] Drainage [ ] Other: [ ]

Casing: 0 ft. to 115 ft. Type: Heavy steel Size: 4"

Perforated or Screened: Ft. 35 to Ft. 115 Pm. to Ft.

Static Water level, for non-flowing well: 74 feet.

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

Pumping water level: 100 feet at __________ gal. per min.

How tested: Plunger Pump

Length of test: 24 hrs.

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>alternate layers of gravel, clay and sand</td>
</tr>
<tr>
<td>115</td>
<td></td>
</tr>
</tbody>
</table>
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner: Ludwig König
Address: Blendeplatz

Driller: H. Glavin
Address: Lindsay, Mont.

Date Started: Aug. 21, 1958
Date Completed: Aug. 22, 1958

Location: Sec. 36 T. 15 R. 52 1/4 sec. S.W.

Type of well: Drilled
Equipment used: Churn

Water use: Stock

Casing:
- 0 ft. to 82 ft. Type: Screened, Size: 4"
- Perforated or Screened: 40 ft. to 50 ft.
- Type of screen or perforations: Slot cut in casing

Static water level, for non-flowing well: 36 ft.
Shut-in pressure, for flowing well: 30 lb./sq. in. on:
Pumping water level: 70 feet at 5 gal. per min.
How tested: Submersible pump
Length of test: 07:14 hour
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>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>35</td>
</tr>
<tr>
<td>35</td>
<td>45</td>
</tr>
<tr>
<td>45</td>
<td>75</td>
</tr>
<tr>
<td>75</td>
<td>82</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Karl Forrell Address: Florence, Montana
Driller: Harold Davin Address: Lindsey, Montana

Date of Notice of Appropriation of Groundwater:__________
Date Well Started:__________ Date Completed:__________

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

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</th>
<th>Weight of Drilling Casing per ft</th>
<th>Pressure</th>
<th>Flow</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot;</td>
<td>4.0 I.D.</td>
<td>0</td>
<td>48</td>
<td>3/8 x 3/8</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well ______ feet.
Shut-in Pressure for Flowing Well ______ feet at ______ gal. per minute.
Pumping Water Level ______ feet at ______ gal. per minute.
Discharge in gal. per min. of flowing well ______

How Test: Slush bucket

Length of Test: one hour

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)

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

Show exact depth of bottom.

Driller's License Number: ____________
Driller's Signature: ____________

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

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

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

4/11/50
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Karl Fornell
   (Name of Appropriator)
   of
   Glendive, Montana
   (Address)
   (Town)

   County of Dawson
   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:
   A - Household use
   B - Stock and Garden use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   A - About 1910 and used continuously since then
   B - About 1946 and used continuously since then

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   A - 2 gallons and B - 4 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:
   A - Jet well
   B - Windmill pump
   C - Windmill pump with part time electric motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   A - About 1910
   B - About 1946

8. The depth of water table:
   A - 45 feet and B - 65 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:
   A - 4 inch casing
   B - 4 inch casing

10. The estimated amount of groundwater withdrawn each year:
    A - 200,000 and B - 1,000,000

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:
    None

Signature of Owner: Karl Fornell
Date: Aug 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 Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
STATE OF MONTANA
County of Dawson.

Filed for record this 31st day of Aug., A.D. 1963, at 12:15 o'clock, P.M.

[Signature]
County Clerk and Recorder.

By [Signature]
Deputy.
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1930
Owner: Karl Fowall
Address: Alexander
Contractor (if any): None
Address of Contractor:
Date Started: Date Completed:

Describe means of obtaining groundwater without a well "as by submersion and other natural processes”. Include depth to water when applicable. Spring, Natural

Quantify 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. Spring on 3rd, 5th, 7th, 9th, 11th yrs. to 1st floor bank will flow 1" per
Spring on 6th, 8th, 10th yrs. to dry up

Signature of Owner: Karl Fowall
Date: DEC 27 1953

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, 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.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 287, Montana Session Laws, 1961)

Owner: Robert Bye  Address: Butte, Montana
Driller: Harold Davis  Address: Butte, Montana

Date of Notice of Appropriation of Groundwater: Oct 23, 1968
Date Well Started: Oct 23, 1968
Date Completed: Oct 23, 1968

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

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</th>
<th>Size and Weight of Churn</th>
<th>From Center</th>
<th>To Center</th>
<th>From Drilled</th>
<th>To Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/4&quot; I.D.</td>
<td>0</td>
<td>34</td>
<td>22</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 25 feet
Shut-in Pressure for Flowing Well:
Pumping Water Level: 25 feet at 6 gal. per minute.
Discharge in gal. per min. of flowing well:
How Tested: Slash 
Number of minutes of Test: one hour

Remarks: 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.

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 Dawson
Filed for record that 27 day of
February 1962 at
1:30 o'clock P.M.

[Signature]
County Clerk & Recorder
[Signature]
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Robert Lye  Address: Fallon, Montana
Driller: Harold Gavin  Address: Lindsay, Montana

Date of Notice of Appropriation of Groundwater: Nov. 18, 1963
Date well started: Nov. 18, 1963  Date Completed: Nov. 20, 1963

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

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>Rise of Drilled Hole</th>
<th>Size and Weight of Casing (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Ribs, Slab, or Casing Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot;</td>
<td>4&quot; I.D. 11/16&quot; per foot</td>
<td>0'</td>
<td>45'</td>
<td>data not given</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 25 feet
Shut-in Pressure for flowing Well:
Pumping Water Level: 33 feet at: 6 feet from top
Discharge in gal. per min. of flowing well: 8
How Tested: flush bucket
Length of Test: one hour

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)

[Signature]

[License Number]

File No. 85

The form to be completed by driller, and three copies to be filed by 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 must be returned.

Submit to the County Clerk and Recorder; duplicates to the State Engineer, one to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA
County of Dawson

Filed for record this 19th day of
December, A. D. 1962, at
10:00 o'clock A.M.

[Signature]
County Clerk and Recorder.

[Signature]
Deputy.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Robert Lye  Address: Fallon, Montana
Driller: Harold Gavin  Address: Line, Montana

Date of Notice of Appropriation of Groundwater: July 15, 1962
Date Completed: July 17, 1962

Type of well: Drilled  Equipment Used: Churn
(dug, driven, bored or churn, drill, rotary 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.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Churn</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot;</td>
<td>3/4&quot; I.D.</td>
<td>0'</td>
<td>45'</td>
<td></td>
</tr>
</tbody>
</table>

Static Level for non-flowing Well: 25 feet.
Shut-in Pressure for Flowing Well: 
Pumping Water Level: 28 feet at 60 gal. per minute.
Discharge in gal. per min. of flowing well: 
How Tested: Slush bucket Length of Test: one hour

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


Driller's License Number

Driller's Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropior.</p>
STATE OF MONTANA
County of Dawson

Filed for record this 28th day of December, A.D. 1920, at 12:00 o'clock P.M.

[Signature]
County Clerk and Recorder.

[Signature]
Deputy.