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: [Well Type]
Equipment Used: [Equipment]

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 ½ ft 141</td>
<td>9 ½ ft 141</td>
<td>0</td>
<td>141</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: [Level]
Shut-in Pressure for Flowing Well: [Pressure]
Pumping Water Level: [Level] 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 similar pertinent information, including number of acres irrigated, if used for irrigation)

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

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

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

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

Filed Nov. 14, 1947  
at 11:50 a.m.  

By:  

Fee $2.00  

County Clerk  

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>
</thead>
<tbody>
<tr>
<td>6</td>
<td>Oswood, Lloyd H.</td>
<td>GW 4</td>
<td>84266</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Mießner Ranch</td>
<td>GW 2</td>
<td>91474</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td></td>
<td>2</td>
<td>83192</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Jensen, Herald &amp; Cole</td>
<td>GW 4</td>
<td>84310</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Jepsen, Lillian H.</td>
<td>GW 4</td>
<td>84281</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td></td>
<td>4</td>
<td>84179</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td></td>
<td>2</td>
<td>89211</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Cian, John H.</td>
<td>Wall leg</td>
<td></td>
<td></td>
</tr>
<tr>
<td>21</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>21</td>
<td></td>
<td>GW 2</td>
<td>87011</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td></td>
<td>2</td>
<td>87012</td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Jepsen, Lillian H.</td>
<td>GW 3</td>
<td>84180</td>
<td></td>
</tr>
</tbody>
</table>
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Lloyd H. Coward, of Chester, Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
</tr>
</thead>
</table>

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1912 Approximately

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 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: 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: Hand Pump with Cylinder & Rod

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Originally dug in 1912

8. The depth of water table: 52 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: 9 Foot Deep - 4 ft in Diameter, Rock Grouting, With- -drain with hand pump with cylinder & rod system

10. The estimated amount of groundwater withdrawn each year: 15,000 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: Not Available

Signature of Owner:

Date: Dec. 27, 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.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Kissner Ranch  Address: Chester, Mont

Driller: Aikins Drilling  Address: Shelby, Mont

Date of Notice of Appropriation of Groundwater: July 27, 1971

Date well started: 8-28-71  Date completed: 8-31-71

Type of well: Drilled  Equipment Used: Churn

(Dug, driven, bored or (Churn, drill, rotary or other)

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.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (f)</th>
<th>To (f)</th>
<th>PERFORATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 ½” 55-151b</td>
<td>0  75’</td>
<td>Slot</td>
<td>68’</td>
<td>78’</td>
</tr>
</tbody>
</table>

Installed Johnson Screen #16 from 75’ to 85’

Static Water Level for non-flowing Well: 52’

Shut-in Pressure for Flowing Well:

Pumping Water Level: 75’ feet at 5 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Pump  Length of Test 2 hr.

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

Driven Pipe & Gravel Pack

Stock Water

Contractor: #29

Driller’s License # / 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.
STATE OF MONTANA,
County of Liberty,

Filed, August 24, 1921
at 3:40 o'clock P.M.

Dena Henningsen
County Clerk

By

[Signature]

Deputy
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.

Owner: Maisner Ranch
Address: Chester, Mont
Date well started: Feb 2, 1973
Date completed: March 23, 1973
Type of well: Drilled
Equipment used: Churn
Water Use: Domestic

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### ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Diamet</th>
<th>Size and Depth of Cage</th>
<th>Feet From</th>
<th>To Feet</th>
<th>Diameter</th>
<th>Size of Pier</th>
<th>Feet From</th>
<th>To Feet</th>
<th>Kinds of Pier</th>
<th>Feet From</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 x 7</td>
<td>0</td>
<td>121</td>
<td>212</td>
<td>5</td>
<td>4 PVC</td>
<td>200</td>
<td>460</td>
<td>none</td>
<td>460</td>
</tr>
</tbody>
</table>

Static water level: 291 feet
Pumping water level: 31 feet
at 10 gallons per minute, measured 50 minutes after pumping began.

*Measured from ground level.

Well developed by: Bailing
for 2 hours.

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

Cemented 5 l 10ex

---

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

Driller's Signature: [Signature]
Driller's Address: Shelby, Mont.
STATE OF MONTANA,
County of Liberty,

Filed May 9, 1923
at 3:30 P.M.

By ____________

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

Owner: Koisner Brothers  Address: Chester, Montana
Driller: Orville Jacobson  Address: Chester, Montana

Date of Notice of Appropriation of Groundwater: March 1962
Date well started: February 1962  Date Completed: March 1962

Type of Well: ELECTRIC  Equipment Used: Cable Tools
(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>Depth (ft)</th>
<th>Character of Strata</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Surface Soil</td>
</tr>
<tr>
<td>4</td>
<td>Yellow Clay &amp; Gravel</td>
</tr>
<tr>
<td>13</td>
<td>Gravel &amp; Small Water</td>
</tr>
<tr>
<td>25</td>
<td>Blue Clay</td>
</tr>
<tr>
<td>30</td>
<td>Quick Sand &amp; Gravel</td>
</tr>
<tr>
<td>100</td>
<td>Mica Clay</td>
</tr>
</tbody>
</table>

Date well started: February 1962  Date Completed: March 1962

Static Water Level for non-flowing Well: 85 ft. above ground
Shut-in Pressure for Flowing Well:
Pumping Water Level: 70 feet at 10 gal. per minute.
Discharge in gal. per min. of flowing well: 70

How Tested: Drill  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)

Not used for Irrigation

Driller's License Number: 12
Driller's Signature: Orville Jacobson

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.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Harold Jensen and Ole Jensen, of Chester (Name of Appropriator)
   County of Liberty (Address) (Town)
   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: No. 1 = Stock Use; No. 2 = Stock Use; No. 3 = Domestic Use.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: No. 1 = 1948 - Continuously; No. 2 = 1953 - Continuously; No. 3 = 1960 - Continuously.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): No. 1 = 20 Gallons Per Minute; No. 2 = Approximately 20 Gallons Per Minute; No. 3 = not used for irrigation.

   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: No. 1 = Cylinder & Rods; No. 2 = Cylinder & Rods; No. 3 = Jet-Pump System.

   7. The date of commencement and completion of the construction of each well, wells, or other works for withdrawal of groundwater: No. 1 = 1948; No. 2 = 1953; No. 3 = 1960.

   8. The depth of water table: No. 1 = Surface; No. 2 = Surface; No. 3 = Approximately 7 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: No. 1 = 56 Feet Deep, 6-In. Galvanized Iron Cylinder & Rods for withdrawal; No. 2 = 55 Feet Deep; 6-In. Galvanized Iron casing, Cylinder & Rods withdrawal; No. 3 = 55 Feet Deep, Galvanized Iron casing, Jet-Pump System.

   10. The estimated amount of groundwater withdrawn each year: No. 1 & 2 = Approximately 600,000 gal.; No. 3 = 500,000 Gallons.

   11. The log of formations encountered in the drilling of each well or other works: 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:

   Date: Dec. 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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Lillian H. Jeppesen
   (Name of Appropriator)
   of
   (Town)
   County of Liberty
   State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Drilled and used about ten years

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 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: None

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Gasoline operated electric drill pump

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Well was drilled about 10 years ago

   8. The depth of water table: 17 to 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: About 100 ft.

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

   11. The log of formations encountered in the drilling of each well if available: None

   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: None

   Signature of Owner: Lillian H. Jeppesen
   Date: 2/10/63

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

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

1. J. Lillian H. Seppesen
   Name of Appropriator
   of
   Address
   Town
   County of Liberty
   State of Montana

   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: Livestock and grain.

3. Date or approximate date of earliest beneficial use: The well was drilled about 10 years ago. The other about 20 years ago. Springs have been in use since the land was homesteaded.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 gal. each.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: One submersible pump and one electric pump. Springs are artesian.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Last well drilled about 10 years ago; the other one 20 years ago. The springs were developed when land was homesteaded and used all the time.

8. The depth of water table: 17 to 20 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: Two wells are between 250 and 300 feet. Springs between 12 and 15 feet.

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

11. The log of formations encountered in the drilling of each well if available: None.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: None.

Signature of Owner: J. Lillian H. Seppesen
Date: 12/25/63

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.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level: ________)

0 - 2 ft. Surface Soil
2 - 4 ft. Sandy Clay & Gravel
4 - 10 ft. Yellow Sandy Clay
10 - 14 ft. Gray Clay
14 - 28 ft. Blue Shale & Sand and Gravel & Water
28 - 38 ft. Brown Clay

Owner: Lillian Jepesen
Address: Chester, Montana

Driller: Orville Jacobson
Address: Kremlin, Montana

Date of Notice of Appropriation of Groundwater: April 8, 1969
Date well started: 4/8/69
Date completed: 4/11/69

Type of well: Churn-Drilled
Equipment Used: Cable-Tool

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 Casing</th>
<th>From (Ft.)</th>
<th>To (Ft.)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 In.</td>
<td>7 In. 14# Steel</td>
<td>16 ft.</td>
<td>38 ft.</td>
<td>Slot 16 ft.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Above</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Gravel packed from 4 ft. to 38 ft. 1 and 2 3rds Yards
Cemented from 0 to 4 ft. - 2 sacks

Static Water Level for non-flowing Well: ________ ft.
Shut-in Pressure for Flowing Well: ________ ft.
Pumping Water Level: ________ ft. at ________ gal. per minute.
Discharge in gal. per min. of flowing well: ________ gal. per minute.
How Tested: ________
Length of Test: ________ Hours

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

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

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

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

County of Liberty.

Filed April 15, 1869
at 1:59 o'clock P.M.

Gilbert Brousseau
County Clerk.

By Albert Stimson
Deputy.

Exx 3 2s
Form No. 18
8-60

**Owner**: John A. Clon  
**Address**: Chester, Montana

**Driller**:  
**Address**:  

**Date Started**:  
**Date Completed**: 1951

**Location**: Sec. 20 T. 35 R. 5  

2 wells on the above land

<table>
<thead>
<tr>
<th>Type of well drilled</th>
<th>Equipment used</th>
<th>drill</th>
</tr>
</thead>
<tbody>
<tr>
<td>( dug, driven, bored, or drilled)</td>
<td>(crown, drill, rotor, other)</td>
<td></td>
</tr>
</tbody>
</table>

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

**Industrial [ ]  
- Drainage [ ]  
- Other [ ]

**Casing**:  
- 1 ft. to 75 ft.  
  - Type: Galvanized  
  - Size: 6"  

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

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

**Perforated or Screened**:  
- Ft. 1 to ft. 30  
- Ft. to ft.  

**Type of screen or perforations**:  

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

**Shut-in pressure, for flowing well**: 20 each lb./sq. in. on: (See)

**Pumping water level**  
flowing wells:  
att. at 3 gal. per min.  

**How tested**:  

**Length of test**: 24 hour

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

(over)
Form No. 18
Butte, Montana

<table>
<thead>
<tr>
<th>T.</th>
<th>R.</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>35</td>
<td>5E</td>
<td>Sec. 21 T. 35 R. 5 1/4 sec. N49E2</td>
</tr>
</tbody>
</table>

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner</th>
<th>John A. Clain</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Chester, Montana</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1955</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location</th>
<th>Sec. 21 T. 35 R. 5 1/4 sec. N49E2</th>
</tr>
</thead>
</table>

**Type of well**

<table>
<thead>
<tr>
<th>Drilled</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>drill and</td>
</tr>
</tbody>
</table>

**Water use**

- Domestic □
- Municipal □
- Stock □
- Irrigation □
- Industrial □
- Drainage □
- Other □

**Casing**

- 1 ft. to 180 ft. Type heavy casing Size 8" |

**Perforated or Screened**

- Ft. 1 to Ft. 40 | Ft. 1 to Ft. 40

**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 4 gal. per min. |

**How tested**

- |

**Length of test**

- | hours |

**Remarks**

- (Gravel packing, cementing, packers, type of shut-off, dept' of shut-off) |
STATE WATER CONSERVATION BOARD

APR 20 1966

DuPAGETE

Bill: McDermott
Borough: Montana
City: Liberty
City Engineer: Sullivan
District: Liberty

Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 27, Montana Session Laws, 1964)

Top of Ground
(Elev. above sea level)

<table>
<thead>
<tr>
<th>Layer</th>
<th>Depth</th>
<th>Type of Soil</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 4</td>
<td>Surface Soil</td>
<td></td>
</tr>
<tr>
<td>4 - 10</td>
<td>Clay &amp; Gravel</td>
<td></td>
</tr>
<tr>
<td>10 - 30</td>
<td>Yellow Clay</td>
<td></td>
</tr>
<tr>
<td>30 - 71</td>
<td>Gray Clay</td>
<td></td>
</tr>
<tr>
<td>71 - 73</td>
<td>Hard Shell</td>
<td></td>
</tr>
<tr>
<td>73 - 82</td>
<td>Gray Shale</td>
<td></td>
</tr>
<tr>
<td>82 - 85</td>
<td>Sand Streak &amp; Shale</td>
<td></td>
</tr>
<tr>
<td>85 - 110</td>
<td>Gray Shale</td>
<td></td>
</tr>
</tbody>
</table>

Owner: John Gibson
Address: Chester, Montana
Driller: Orville Jacobson
Address: Kemna, Montana

Notice of Appropiation by Means of Well
(Churn, drill, rotary or other)

Date of Notice of Appropriation of Groundwater
3/23/66

Date well started: 3/23/66
Date Completed: 3/29/66

Type of well: CEMENTED
Equipment Used: Cable Tools

Water Use: Domestic
Industrial
Municipal
Drainage
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.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Pupm (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7-in. 7-in. 1 1/2-in.</td>
<td>17-lb. 60 foot Iron Pipe</td>
<td>73 ft.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Cemented with 5 bags of cement and 3/4th yard of pea gravel to 73 feet.

Static Water Level for non-flowing Well: to ground surface.

Shut-in Pressure for Flowing Well:

Pumping Water Level: 75 ft. feet at 3 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Baller
Length of Test: 2 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.

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

Show exact depth of bottom.

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

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

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

4-7-66

Driller's License Number

Driller's Signature

Indicate location of well and place of use, if possible. Each small square represents 10 acres.
STATE OF MONTANA,
County of Liberty.

Filed 4-18, 1865
at 4:40 o'clock P.M.

GILBERT BREWER
County Clerk

By

200
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: John Cicon  Address: Chester, Montana
Driller: Orville Jacobson  Address: Kremlin, Montana

Date of Notice of Appropriation of Groundwater: 3/16/66
Date well started: 3/16/66  Date completed: 3/21/66

Type of Well: Cable Tools  Equipment Used: Cable tools
(Churn, 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 casing</th>
<th>Pressure or flow at test</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>7-In.</td>
<td>17-lbs. to 2-ft.</td>
<td>25 Gallons Per min.</td>
<td></td>
</tr>
<tr>
<td>O.D. 59</td>
<td>17-lbs. to 2-ft.</td>
<td>25 Gallons Per min.</td>
<td>Wet</td>
</tr>
<tr>
<td>Iron pipe</td>
<td>17-lbs. to 2-ft.</td>
<td>25 Gallons Per min.</td>
<td></td>
</tr>
<tr>
<td>59</td>
<td>17-lbs. to 2-ft.</td>
<td>25 Gallons Per min.</td>
<td></td>
</tr>
<tr>
<td>59</td>
<td>17-lbs. to 2-ft.</td>
<td>25 Gallons Per min.</td>
<td></td>
</tr>
<tr>
<td>Cemented with 10 Sacks of cement and 1 Yard of pea gravel to 50 feet.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 30 feet.
Shut-in Pressure for flowing Well: 30 pounds per in.
Pumping Water Level: 20 feet at 25 gallons per minute.
Discharge in gal. per min. of flowing well: 25 gallons per min.
How Tested: Natural Flow, Length of Test: 2 Days

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

Driller's License Number

Driller's Signature

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

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

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

File No: 40 989
STATE OF MONTANA,
County of Liberty,

Filed 4-19, 1966 at 4:40 o'clock P.M.

Gilliland Brewer  County Clerk

Dana Stenshagen  Deputy

Fee $5.00
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: Lillian R. Koppes  Address: Choteau, Montana

Contractor (if any): None

Address of Contractor

Date Started: Date Completed: 20 yrs

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 6 feet.

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. About

Signature of Owner:

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

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

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

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

**County:** Liberty  
**Twp.:** 32N  
**Rge.:** 6E

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Temple, Keith</td>
<td>GW-4</td>
<td>894303</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Dillard, J H</td>
<td>GW-7</td>
<td>840265</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Gaylor, Malvin</td>
<td>GW-4</td>
<td>830977</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Kundrun, Edwin</td>
<td>-4</td>
<td>830971</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Spicher, Matlin</td>
<td>-4</td>
<td>822849</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Spicher, Matlin</td>
<td>-4</td>
<td>830835</td>
<td></td>
</tr>
<tr>
<td>39</td>
<td>Husser, Ranchos</td>
<td>Release</td>
<td></td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Fritz, Brandt</td>
<td>GW-7</td>
<td>832886</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Towner, Cul</td>
<td>GW-4</td>
<td>843436</td>
<td></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)

### Kenneth Temple of North Chester

**County of Liberty**  
**State of Montana**

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

<table>
<thead>
<tr>
<th>1.</th>
<th><strong>Name of Appropriator</strong></th>
<th>Kenneth Temple</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.</td>
<td><strong>Beneficial use on which the claim is based</strong></td>
<td>Stockwater</td>
</tr>
<tr>
<td>3.</td>
<td><strong>Date or approximate date of earliest beneficial use; and how continuous the use has been</strong></td>
<td>Fifteen years</td>
</tr>
<tr>
<td>4.</td>
<td><strong>Amount of groundwater claimed (in miner's inches or gallons per minute)</strong></td>
<td>10 gal</td>
</tr>
<tr>
<td>5.</td>
<td><strong>If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof</strong></td>
<td></td>
</tr>
<tr>
<td>6.</td>
<td><strong>Means of withdrawing such water from the ground and the location of each well or other means of withdrawal</strong></td>
<td></td>
</tr>
<tr>
<td>7.</td>
<td><strong>Date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater</strong></td>
<td></td>
</tr>
<tr>
<td>8.</td>
<td><strong>Depth of water table</strong></td>
<td>100 feet</td>
</tr>
<tr>
<td>9.</td>
<td><strong>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</strong></td>
<td>150 feet</td>
</tr>
<tr>
<td>10.</td>
<td><strong>Estimated amount of groundwater withdrawn each year</strong></td>
<td>350,000 gal</td>
</tr>
<tr>
<td>11.</td>
<td><strong>Log of formations encountered in the drilling of each well if available</strong></td>
<td>Underground</td>
</tr>
<tr>
<td>12.</td>
<td><strong>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</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Signature of Owner:** Kenneth Temple  
**Date:** Dec 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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Kenneth Tempel, North Chester

County of Liberty, 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: Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1952

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 15 gal. 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: 500,000

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: Kenneth Tempel
Date: Dec 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.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237, Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Fall of 1940

Owner: J. H. McDowell  Address: Chester

Contractor (if any): None

Address of Contractor

Date Started: Fall of '40  Date Completed: Fall of '40

Describe means of obtaining groundwater without a well "or any sub-irrigation and other natural processes". Include depth to water when applicable. While Dousing out a reservoir I struct this spring.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. Approximately 5 Gallons per minute used only for stock water.

Signature of Owner: J. H. McDowell

Date: Dec. 9, 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 School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA,
County of Liberty,

Filed Dec. 9, 1963
at 6:10 o'clock P. M.

Gillespie, Sheriff

By

Fees $2.00
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) of (Address) (Town)
County of State of
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 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
OFFICE OF STATE ENGINEER

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

1. Edwin Lindstrom

(Name of Appropriator)

of: Chester

(Address)

County of Liberty

State of Montana

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

2. The beneficial use on which the claim is based: Livestock, garden and spraying.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Sept. 20, 1943.

4. The amount of groundwater claimed (per minute): 20 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: Standard wells.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Sept. 20, 1943.

8. The depth of water table: 200 ft. deep, water comes within 50 ft. from top of ground.

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: 60,000 gal.

11. The log of formations encountered in the drilling of each well if available: Clay, sandstone and sand.

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: Edwin Lindstrom

Date: Nov. 9, 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 [illegible],

Filed Dec. 9, 1963
at 11:35 o'clock A.M.

[illegible]

By [illegible]

Fee $20.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
STAE ENGINEER

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

1. Martin Spieker, of Hungam

County of (Name of Approprior) State of (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: livestock and grain

3. Date or approximate date of earliest beneficial use, and how continuous the use has been since that time: 1910

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

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

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

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

8. The depth of water table: 30 to 40 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: deep bored casing 2 1/4 inch

10. The estimated amount of groundwater withdrawn each year: 25,000 gal

11. The log of formations encountered in the drilling of each well if available: none

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: none

Signature of Owner: Martin Spieker
Date: Dec 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 Apppropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Wilson Schamps, of Chester
   (Name of Appropriator) (Address) (Town)
   County of ';' State of Mont.

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
   Groundfield, T. Lawrence

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   1892
   Continuous since

4. The amount of groundwater claimed (in miner’s inches or gallons per minute)
   8 gal. per min.

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
   15,250 gal.

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

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

Signature of Owner

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.
STATE OF MONTANA

Com. of this Depart.

Filed Nov. 21, 1963
at 2:00 o'clock P.M.

Agnes Freeman,
County Clerk

By: Alice Trombly

Fee $2.00

83958
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

THOMAS L. JUDGE, GOVERNOR
GARY WICKS, DIRECTOR

MEMBERS OF THE BOARD
JOSEPH W. SABOL, CHAIRMAN
DEAN NASHON
RINGLEY PESTBY
HERBERT HUENNEKENS

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

OIL AND GAS CONSERVATION DIVISION
SOMALI E. CHRONAC, DIRECTOR

NATURAL RESOURCES AND CONSERVATION

THOMAS L. JUDGE, GOVERNOR
GARY WICKS, DIRECTOR

MEMBERS OF THE BOARD
JOSEPH W. SABOL, CHAIRMAN
DEAN NASHON
RINGLEY PESTBY
HERBERT HUENNEKENS

440-2811
323 FULLER AVENUE
P. O. BOX 217
HELENA, MONTANA 59601

March 30, 1973

Water Conservation Board
Water Resources Engineer
Sam W. Mitchell Building
Helena, Montana 59601

Dear Sir:

Enclosed you will find a copy of a release agreement for the utilization of a fresh water well.

Operator: Bridger Petroleum Corporation

Meissner Ranches Lease

Well No. 1 Section 32, Township 35 North, Range 6 East

Yours very truly,

Donald E. Chisholm
Acting Administrator

DEQ/ml

cc: Mr. W. Bond

Bureau of Mines and Geology
Butte, Montana 59701

RECEIVED

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

PRINTED ON 100% RECLAIMED PAPER

APPROVED BY:

Board of Oil and Gas Conservation

Petroleum Engineer, Geologist, or Administrator

Dated: May 23, 1973
KNOW ALL MEN BY THESE PRESENTS, that I, Meissner Ranches, Inc., of the County of Liberty, in the State of Montana, am the owner of the hereinafter described land upon which a well for oil or gas was drilled, to-wit:

Operator Bridger Petroleum Corporation

Lease Name Meissner Ranches

Well No. 1 Sec. 32, Twp. 35N, Rge. 6E

The well is located 860 feet N of the South line and 1980 feet W of the West line.

That, in accordance with Regulation 233.6, Order No. 1-1, November 30, 1953, I do hereby notify the Board of Oil and Gas Conservation of the State of Montana of my desire to utilize said well as a fresh water well; and, that if such utilization is approved, I do hereby release and discharge the operator hereinafter named from any further work or responsibility in relation to the plugging of said well.

Water Use: Domestic ☑ Municipal ☐ Stock ☑ Other ☐

Industrial ☐ Drainage ☐ Irrigation ☐

Producing Depth 710 ft.

Producing Formation Eagle

Yield of well ☑ Annual Withdrawal ☐

WITNESS my hand and seal this 19th day of March, 1972.

Meissner Ranches, Inc.

By: Frank Meissner (L.S.)

Landowner

Address Chester, Montana

APPROVED BY:

Board of Oil and Gas Conservation

Petroleum Engineer, Geologist, or Administrator

Dated: 3/17/72, 19 F.S.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Leonard Fritz
Address: Chester, Montana

Driller: Orville Jacobson
Address: Chester, Montana

Date of Notice of Appropriation of Groundwater __________________________

Date well started...4/23/62 Date Completed...4/26/62

Type of well: __drilled__ Equipment Used: cable tools
(dug, driven, bored or (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>Stratum</th>
<th>Character</th>
<th>Thickness</th>
<th>Depth</th>
<th>Height</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Surface soil</td>
<td>0 to 4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Sandy yellow clay</td>
<td>4 to 15</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3.</td>
<td>Yellow clay and boulders</td>
<td>15 to 30</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4.</td>
<td>Blue clay</td>
<td>30 to 45</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5.</td>
<td>Blue clay and gravel</td>
<td>45 to 90</td>
<td></td>
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</tr>
<tr>
<td>6.</td>
<td>Gray clay</td>
<td>50 to 90</td>
<td></td>
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<tr>
<td>7.</td>
<td>Sand white shells</td>
<td>small water</td>
<td>92 to 95</td>
<td></td>
</tr>
<tr>
<td>8.</td>
<td>Gray clay</td>
<td>92 to 100</td>
<td></td>
<td></td>
</tr>
<tr>
<td>9.</td>
<td>Sand and gravel water</td>
<td>105 to 132</td>
<td></td>
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</tr>
<tr>
<td>10.</td>
<td>Gray clay</td>
<td>132 to 150</td>
<td></td>
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</tr>
<tr>
<td>11.</td>
<td>Rock layers</td>
<td>150 to 175</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

6 inch galvanized pipe
length 143.6 feet

Static Water Level for non-flowing Well...105 feet.

Shut-in Pressure for Flowing Well __non-applicable__

Pumping Water Level...130 feet at...3 gal. per minute.

Discharge in gal, per min. of flowing well __non-applicable__

How Tested: __bailey__ 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)

Gravel packed from top to bottom; surface to be cemented

Driller's License Number

Driller's Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA, County of Liberty, } ss.
Piled May 18, 1962
at 4:10 o'clock P.M.

Arthur Hansen
County Clerk

By: [Signature]
Deputy

Fee $2.50
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

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

1. Ole Johnson, of Chester (Address) (Town), County of Liberty, 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:
   Domestic & Farm Use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1950 - November - Continuously since then

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 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: Jet-Type Pump with Electric Motor

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Jet-Type Pump with Electric Motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: November 1950 - Jet Type Pump

8. The depth of water table: 56 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: Galvanized Tin Casing, Approximately 56 Feet Deep, Withdrawn with Jet Type Pump

10. The estimated amount of groundwater withdrawn each year: 250,000 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: Not Available

Signature of Owner: Ole Johnson
Date: Dec. 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 quaduplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>GW H</td>
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<td>Hodges Roland D.</td>
<td>H</td>
<td>83950</td>
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<tr>
<td>11</td>
<td>Richter Francis</td>
<td>H</td>
<td>82141</td>
<td></td>
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<td>Hodges Deen</td>
<td>GW 7</td>
<td>92817</td>
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<td>13</td>
<td>Burton Mar (Mrs)</td>
<td>GW N</td>
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<td>Richter Francis</td>
<td>H</td>
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<td>18</td>
<td>Mr. Donald J. H. Tom</td>
<td>GW N</td>
<td>91800</td>
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<tr>
<td>18</td>
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<td>Wood Thomas A.</td>
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<td>Hodges Roland D.</td>
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<td>J.1</td>
<td>H</td>
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<td>Jay Fred</td>
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<td>Holcomb Keith</td>
<td>GW N</td>
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<td>25</td>
<td>Minor Rosie</td>
<td>H</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)

Frank Hodges
(Name of Appropriaor)

County of Liberty
(State of Montana)

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. 1940

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1160

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. 1980

8. The depth of water table. 35'

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. 160

10. The estimated amount of groundwater withdrawn each year. from 65,000 to 85,000

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 necessary

Signature of Owner: Frank Hodges
Date: 11-31-63

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

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

I, [Name of Appropriate], of [Town], County of [County], and 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: [Description]

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

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): [Amount]

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: [Acreage and Description]

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

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

8. The depth of water table: [Depth]

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: [Specifications]

10. The estimated amount of groundwater withdrawn each year: [Amount]

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

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: [Reference]

Signature of Owner: [Signature]
Date: [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 quadriPLICATE for the Appropriator.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

Francis L. Richter of Libby, Montana

County of Liberty State of Montana

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

1. The beneficial use on which the claim is based
   
   Stock and horse hold

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

   Fall of 1940
   Not been used for the last 5 yrs

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

   3 Million gals a year

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

   No irrigation

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

   Conventional Wells with intake pump

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

   1940

7. The depth of water table

   35 ft

8. 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 record

Signature of Owner: Francis L. Richter

Date: 2/7/1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD/ MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Published 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 driller with the County Clerk and Recorder in the county in which the well is located, and one to be retained by driller.

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

Owner: Dean House
Address: Joplin, Mont.

Date well started: Sept 25, 1972
Date well completed: Oct 7, 1972

Type of well: Drilled

Equipment used: Churn

Water Use: Domestic, Irrigation

*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: 225,000.00 cu. ft

PERFORATIONS

<table>
<thead>
<tr>
<th>Size of Hole</th>
<th>Size of Pipe</th>
<th>From Pipe</th>
<th>To Pipe</th>
</tr>
</thead>
<tbody>
<tr>
<td>13&quot;</td>
<td>10 3/8&quot;</td>
<td>0</td>
<td>89</td>
</tr>
<tr>
<td>8&quot;</td>
<td>7 5/8&quot;</td>
<td>0</td>
<td>170</td>
</tr>
</tbody>
</table>

Static water level: 20 ft
Pumping water level: 50 ft
at 40 gallons per minute, measured 60 minutes after pumping began.

*Measured from ground level.

Well developed by: Bailing
for 2 hours.

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

cemented: 10-3/4
gravel pack 7 5/8

Driller's Address: Shelby, Mont.

LICENSE NO. 99
As the Administrator of the Groundwater Code for the State of Montana, please note of the following special instructions, in AMDAP to properly protect your groundwater right.

**Special Instructions:** Please check the well section as indicated in red on the attached form. According to your location of Section 35, T. 7 N— R. 12 E. the well is in western Wheatland County. Possibly the correct location would be more like T. 35 N— R. 7 E.

**RECEIVED**

JAN 20 1973

Thank you,

The correct location of well is T. 35 R. 7 S. 12.

Thank you,

Mrs. Dean Budge

---

**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:**

<table>
<thead>
<tr>
<th>Size of Well</th>
<th>Depth of Hole</th>
<th>From Ground</th>
<th>From Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>13&quot;</td>
<td>75/8&quot;</td>
<td>170</td>
<td>150</td>
</tr>
</tbody>
</table>

**Static water level:** 20 ft.

**Pumping water level:** 50 ft.

**40 gallons per minute, measured 30 minutes after pumping began.**

*Measured from ground level.

**Power:** ______________ HP

**Remarks:** Gravel packing cemented...

**Driller’s Address:** Shelby, Mont.

**License No:** 99

**Driller’s Signature:**

**Thank you,**

Mrs. Dean Budge

---

**Indicate location of well and flow of use. If possible, each small square represents 40 acres.**

**Driller’s Signature:**

**Driller’s Address:** Shelby, Mont.

---

**Licence No:** 99

---

57.694
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 — Dean Kodee

Date well started — Sept. 25, 1972

Type of well — Drilled

Equipment used — Churn

Water Use: Domestic [X] Municipal [ ] Seep [ ] Irrigation [ ]

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

Describe [ ]

NOTE: 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 Pipe</th>
<th>Size of Hole</th>
<th>From (ft)</th>
<th>To (ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/2&quot;</td>
<td>1/2</td>
<td>0</td>
<td>150</td>
<td>cemented</td>
</tr>
</tbody>
</table>

Static water level — 20 ft.
Pumping water level — 50 ft.
at 40 gpm per minute, measured 30 minutes after pumping begins.

Well developed by fulling for 2 hours.

Power — Pump — HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

cemented 10-3/4
gravel pack 7 5/8

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

Driller's Signature

Driller's Address — Shelby, Mont. Box 677

LICENSE NO...99

57, 694
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

COUNTY OF ____________

STATE OF ____________

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

Mrs. Mae Burton
(Name of Appropriator)
of __________________________

County of Liberty
(State of ____________)

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

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

3. The date or approximate date of earliest beneficial use; and how continuous the use has been: October 7, 1961.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 25 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: None.

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


8. The depth of water table: 14 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: 30 feet deep; 30" concrete tile lining.

10. The estimated amount of groundwater withdrawn each year: Undetermined.

11. The log of formations encountered in the drilling of each well if available: 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: None.

Signature of Owner: Mae Burton
Date: January 19, 1962

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

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

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