WATER WELL LOG  Well No. 1

United States of America, 1001 N. E. Holiday St.
Owner: Bureau of Sport Fisheries & Wildlife
Address: Portland 6, Oregon

Driller: George J. Aakio
Address: Box 71, Miles City, Mont

Date Started: June 26, 1957  Date Completed: August 15, 1957

Location: Sec. 6, T. 7N, R. 47E  1/4 sec. W.R.

Type of well: Drilled
Equipment used: Cable tool rig

Water use: Domestic [X]  Municipal [ ]  Stock [ ]  Irrigation [ ]
Industrial [ ]  Drainage [ ]  Other: Fish Hatchery Purposes [ ]

Casing: 0 ft. to 32 ft. Type: Steel  Size: 18"
Casing: 0 ft. to 616 ft. Type: Steel  Size: 12"
Casing: 616 ft. to 130 ft. Type:  Size: 

Perforated or Screened: Ft. 110' 140' 370' 490' 530' 570' to ft.

Type of screen or perforations: Slotted in casing

Static Water level, for non-flowing well: 11 feet.
Shut-in pressure, for flowing well: lb./sq. in. on: 
(Pump) 350 gal. per min.

Pumping water level: 135 feet at 350 gal. per min.

How tested: Pump

Length of test: 32 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>0 - 2</td>
<td>Top soil</td>
</tr>
<tr>
<td>2 - 10</td>
<td>Sand</td>
</tr>
<tr>
<td>10 - 16</td>
<td>Gravel</td>
</tr>
<tr>
<td>16 - 73</td>
<td>Shale</td>
</tr>
<tr>
<td>73 - 99</td>
<td>Water bearing sand</td>
</tr>
<tr>
<td>99 - 103</td>
<td>Rock</td>
</tr>
<tr>
<td>103 - 105</td>
<td>Gray shale</td>
</tr>
<tr>
<td>105 - 107</td>
<td>Rock</td>
</tr>
<tr>
<td>107 - 140</td>
<td>Sand</td>
</tr>
<tr>
<td>140 - 150</td>
<td>Coal</td>
</tr>
<tr>
<td>150 - 200</td>
<td>Shale</td>
</tr>
<tr>
<td>200 - 206</td>
<td>Sand</td>
</tr>
<tr>
<td>206 - 243</td>
<td>Streaks of sand and shale</td>
</tr>
<tr>
<td>243 - 370</td>
<td>Shale</td>
</tr>
<tr>
<td>370 - 395</td>
<td>Sand</td>
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<tr>
<td>395 - 399</td>
<td>Rock</td>
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<tr>
<td>399 - 410</td>
<td>Sand</td>
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<tr>
<td>410 - 425</td>
<td>Shale</td>
</tr>
<tr>
<td>425 - 426</td>
<td>Rock</td>
</tr>
<tr>
<td>426 - 440</td>
<td>Sand</td>
</tr>
<tr>
<td>440 - 445</td>
<td>Rock</td>
</tr>
<tr>
<td>445 - 450</td>
<td>Sand</td>
</tr>
<tr>
<td>450 - 490</td>
<td>Shale</td>
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<tr>
<td>490 - 530</td>
<td>Sand</td>
</tr>
<tr>
<td>530 - 548</td>
<td>Rock</td>
</tr>
<tr>
<td>548 - 625</td>
<td>Sand</td>
</tr>
</tbody>
</table>
**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

---

**Declaration of Vested Groundwater Rights**

(Adapted from Chapter 109, Montana Session Laws, 1961)

By J. T. Bernardy, Acting Regional Director

Bureau of Sport Fisheries and Wildlife

Fish and Wildlife Service

**1. Department of the Interior**

<table>
<thead>
<tr>
<th>State of Montana</th>
</tr>
</thead>
</table>

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

- **Fish cultural use and domestic use.**

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

- **1950 - this well has been used continuously since 1950.**

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

- **300 gpm.**

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

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

- **Electric pump.**

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

- **Completed August 15, 1957.**

**8. The depth of water table.**

- **Static water table 31 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.**

- **301-18" steel casing. 616.14".**

**10. The estimated amount of groundwater withdrawn each year.**

- **300 acre-feet.**

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

- **10-16 gravel, 15-73 shale, 73-99 water bearing sand, 99-103 rock, 103-105 gray shale. 105-107 rock, 107-130 sand, 130-150 sand, 150-200 scale, 200-250 scale, 250-350 scale, 350-400 scale, 400-450 scale, 450-500 scale, 500-550 scale, 550-600 scale.**

**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:**

J. T. Bernardy, Acting Regional Director

**Date:** December 15, 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.
Declaration of Vested Groundwater Rights

The United States of America
By J. T. Burnaby, Acting Regional Director
Bureau of Sport Fisheries and Wildlife
Department of the Interior

Declaration of Vested Groundwater Rights

Jan 6, 1964

STATE ENGINEER

By

The United States of America

County of Montana

Office of State Engineer

State of Montana

Date

N

E

W

S

1. Declaration of Vested Groundwater Rights

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 the 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...

J. T. Burnaby, Acting Regional Director

Date December 15, 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.

21981
## WATER WELL LOG
### Well No. 2

**County**: Custer

**Location**: Sec 9 T 7N R 47E 1/4 sec N.W.

**Owner**: The United States of America

**Address**: 1001 N.E. Holiday St., Portland, Ore.

**Driller**: George T. Askin

**Address**: Box 74, Miles City, Mont.

**Date Started**: July 1, 1957

**Date Completed**: Sept. 30, 1957

**Type of well**: Drilled

**Equipment used**: Cable tool rig

**Water use**: Domestic [X], Municipal [ ], Stock [ ], Irrigation [ ]

**Industrial** [ ], Drainage [ ], Other Fish Hatchery purposes [ ]

**Casing**:
- 0 ft. to 36 ft. Type: Steel, Size: 18"
- 626 ft. to 1,110 ft. Type: Steel, Size: 12"

**Perforated or Screened**: Ft. 110-200, ft. 330-397, Ft. 525-599, to ft.

**Type of screen or perforations**: Slots in casing.

**Static Water level, for non-flowing well**: 32 feet.

**Shut-in pressure, for flowing well**: 22 lb./sq. in. on: (date)

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

**How tested**: Pump

**Length of test**: 26 hours

**Remarks**: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 2</td>
<td>Top soil</td>
</tr>
<tr>
<td>2 - 21</td>
<td>Shale</td>
</tr>
<tr>
<td>21 - 29</td>
<td>Gravel</td>
</tr>
<tr>
<td>29 - 117</td>
<td>Shale</td>
</tr>
<tr>
<td>117 - 120</td>
<td>Rock</td>
</tr>
<tr>
<td>120 - 165</td>
<td>Sand</td>
</tr>
<tr>
<td>165 - 175</td>
<td>Shale</td>
</tr>
<tr>
<td>175 - 214</td>
<td>Sand</td>
</tr>
<tr>
<td>214 - 236</td>
<td>Shale</td>
</tr>
<tr>
<td>236 - 248</td>
<td>Sand</td>
</tr>
<tr>
<td>248 - 330</td>
<td>Shale</td>
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<td>330 - 360</td>
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<td>390 - 516</td>
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<td>516 - 518</td>
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<td>518 - 560</td>
<td>Sand</td>
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<tr>
<td>560 - 562</td>
<td>Rock</td>
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<tr>
<td>562 - 600</td>
<td>Sand</td>
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<tr>
<td>600 - 605</td>
<td>Shale</td>
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<tr>
<td>605 - 606</td>
<td>Rock</td>
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<tr>
<td>606 - 640</td>
<td>Shale</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)

John A. Aze
(Name of Appropriator)

511 Main Miles City (Address) (Town)

County of Custer State of 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>
<tbody>
<tr>
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<td></td>
</tr>
</tbody>
</table>

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

3. Date or approximate date of earliest beneficial use, and how
continuous the use has been: 1930

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 average and description of the lands
to which water has been applied and name of the owner thereof:
one acre

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdraw-
al of groundwater: 1930

8. The depth of water table: 50 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: drilled, 6" casing 50 feet deep

10. The estimated amount of groundwater withdrawn each year: 3 acre-feet

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:

Date: 12/27/63

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.
Filed for Record

DEC 30 1963

[Signature]

[Position: County Clerk]

Fee $ 200
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. **John Smith** of **Miles City**, **Custer** County, **Mont.**
   - Address: **Miles City**
   - Town: **Custer**
   - State: **Mont.**

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

<table>
<thead>
<tr>
<th>Grid</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>NE 1/4</td>
<td>Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.</td>
</tr>
</tbody>
</table>

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **Not known by me**

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **5,000 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: **Hardy, Garden**

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: **Information not available**

8. The depth of water table: **100 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:
   - **Casing**

10. The estimated amount of groundwater withdrawn each year: **5,000 gal. per min.**

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

   **Signature of Owner:** **John Smith**
   **Date:** **Dec. 31, 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.
FILED

[Signature]

County Clerk and Ex-Officio Recorder

[Date]
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1958

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

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

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

Signature of Owner: Date: This form to be prepared by contractor (if any), otherwise by the owner.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1958-1

Owner: [Name]
Address: [Address]

Contractor (if any): [Name]
Address of Contractor: [Address]
Date Started: 1958
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, no way to measure, estimate approximate lengths of periods of use.

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.

Signature of Owner:

Date: 12-30-63
Declaration of Vested Groundwater Rights

Under Chapter 237, Montana Session Laws, 1961

[Name of Appropriator] (Address)

County of _______ State of Montana

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.

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

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

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 ________

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

6. The estimated amount of groundwater withdrawn each year ________

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

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 ________

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)

(Pete Todoroff & Sons) of F.O. Box 237 Miles City (Name of Appropriator)
County of Custer (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:
   1. Household
   2. Irrigation
   3. Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1930
   2. 1946
   3. 1935

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1. 16.gals., per Min;
   2. 18 gals., per Min
   3. 18 gals., 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:
   1. Pressure Filter
   2. Pressure Lifter
   3. Vacuum Lifter

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   1. September 1960
   2. February 10, 1960
   3. March 1965

8. The depth of water table:
   1. 30 ft.
   2. 30 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. 160 ft.
   2. 160 ft.
   3. 160 ft.

10. The estimated amount of groundwater withdrawn each year:
    1. 300,000
    2. 400,000
    3. 500,000

11. The log of formations encountered in the drilling of each well if available:
    1. Not Available
    2. Hard Clay, Sandstone, Blue Shale, Grey Shale
    3. Hard Clay, Sandstone, Blue Shale, Grey Shale

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
Co-Partner
Date 1/4/63

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  

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

Owner: U.S. Army Academy  
Address: Helena, Montana  
Date of Notice of Appropriation of Groundwater: Dec. 6, 1964  
Date well started: Dec. 6, 1964  
Date completed: Feb. 6, 1965  

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

Water Use: Domestic  
Municipal  
Industrial  
Irrigation  
Other  
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.

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

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

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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. Boyd Blum
   (Name of Appropriator)
   of Broadus State, Miles City, Montana
   (Address)

   County of: Quarter: 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. 1. Livestock. 2. Household & Livestock. 3. Livestock.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1. 1950 - continuous. 2. Unknown - 60 years ago - continuous. 3. 1950 - continuous.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute). 1, 2, 3 = 5-7 GPM.

   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 & 3 Power Engine - cylinder
   - 2 Electric - jet pump

   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. 1. = 66 ft.; 2. = 32 ft.; 3. = 26 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. 4" casing - 190 ft. 2. 8" casing - 150 ft. depth 110 ft. 3. 4" casing to 130 ft.

   10. The estimated amount of groundwater withdrawn each year. 1. 300,000 gals. 2. 200,000 gals. 3. 300,000 gals.

   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 references to book and page of any county record.

   Signature of Owner:

   Date: October 21, 1965

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the 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)

STATE ENGINEER

Pete Federoff & Sons, # 237 Miles City

1. Name of Appropirator

Address

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. December 1, 1958

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.

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. December 1, 1958

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.

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 Appropirator.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

**DUPLICATE**

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

**DEPARTMENT OF AGRICULTURE**

**DUPLICATE**

<table>
<thead>
<tr>
<th>County of:</th>
<th>State of:</th>
</tr>
</thead>
</table>

**Declaration of Vested Groundwater Rights**

- **Name of Appropriator**
- **Address**
- **Town**

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

1. **Description of Appropriation**
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 given is depth to water bearing sands passed...
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 School of Mines 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)

<table>
<thead>
<tr>
<th>Name of Appropirate</th>
<th>Address</th>
<th>Town</th>
<th>County of</th>
<th>State of</th>
</tr>
</thead>
</table>

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

1. (Name of Appropriate) State of

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 Appropriate.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **Name of Appropriator:** Yarland

2. **Address:**

3. **Town:**

4. **County:**

5. **State:**

6. **Appropriator's Claim:**

7. **Beneficial Use:**

8. **Date of Claim:**

9. **Date of Withdrawal:**

10. **Depth of Water Table:**

11. **Log of Formations:**

12. **Signature of Owner:** Yarland

---

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.
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG  
STATE ENGINEER  
Miles City, Montana

Owner: S. Range and Livestock  
Driller: Ira G. Bond  
Date Started: September 1960  
Date Completed: October 60  
Location: Sec. 18, T. 7N, R. 47E, ¼ sec. NW4

<table>
<thead>
<tr>
<th>Drilled</th>
<th>Cable</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type of well:</td>
<td>(Drill, driven, bored, or drilled)</td>
</tr>
<tr>
<td>Equipment used:</td>
<td>(Churn drill, rotary, other)</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Surface to</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>71 ft.</td>
<td>steel</td>
<td>6&quot;</td>
</tr>
<tr>
<td></td>
<td>102 ft.</td>
<td>steel</td>
<td>6&quot;</td>
</tr>
</tbody>
</table>

Perforated or Screened: 50 ft. to 82 ft. 
Type of screen or perforations: Burned holes

Static Water level, for non-flowing well: rises 60 feet
Shut-in pressure, for flowing well: Date
Pumping water level: 70 feet
How tested: Bladed
Length of test: 2 hours
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></td>
<td>0</td>
<td>6</td>
<td>Sandy soil</td>
</tr>
<tr>
<td></td>
<td>7</td>
<td>16</td>
<td>Sand oo</td>
</tr>
<tr>
<td></td>
<td>17</td>
<td>54</td>
<td>Water sand</td>
</tr>
<tr>
<td></td>
<td>55</td>
<td>57</td>
<td>Rock</td>
</tr>
<tr>
<td></td>
<td>58</td>
<td>69</td>
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</tr>
<tr>
<td></td>
<td>70</td>
<td>73</td>
<td>Water sand</td>
</tr>
<tr>
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<td>74</td>
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<td>Water sand</td>
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### Log of Well

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<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
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</thead>
<tbody>
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<td>5</td>
<td>sandy soil</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>20</td>
<td>sand-rock</td>
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</tr>
<tr>
<td>20</td>
<td>55</td>
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<td>54</td>
<td>67</td>
<td>water seep</td>
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</tr>
<tr>
<td>55</td>
<td>67</td>
<td>rock</td>
<td></td>
</tr>
<tr>
<td>56</td>
<td>67</td>
<td>gravel</td>
<td></td>
</tr>
<tr>
<td>68</td>
<td>73</td>
<td>water sand</td>
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<td>59</td>
<td>73</td>
<td>gravel</td>
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<tr>
<td>72</td>
<td>81</td>
<td>water sand</td>
<td></td>
</tr>
<tr>
<td>80</td>
<td>81</td>
<td>gravel</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)

Mary J. Heide

of

Butte

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: Domestic and Stock

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1923

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 1/2

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: 1945

8. The depth of water table: 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: 130 ft deep 130 ft casing

10. The estimated amount of groundwater withdrawn each year: 100 ft

11. The list of formations encountered in the drilling of each well if available: Ign., Paleogene, Cret., 30 ft, 105 ft, 90 ft, 20 ft, 300 ft

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 Appropriate.
# Declaration of Vested Groundwater Rights

(declared under Chapter 237, Montana Session Laws, 1961)

**County of:** [County]

**State of:** Montana

### Have Appropriated Groundwater According to the Montana Law in Effect Prior to January 1, 1942

1. **Name of Approprietor:** [Name]

2. **Address:** [Address]

3. **Town:** [Town]

4. **Date or approximate date of earliest beneficial use:** [Date]

5. **How continuous the use has been:** [Continuous since]

6. **Amount of groundwater claimed:** (in miner's inches or gallons per minute) [Amount]

7. **Beneficial use on which the claim is based:** [Stock Water]

8. **Point of appropriation and place of use:** [Point]

9. **Depth of water table:** [Depth]

10. **Estimated amount of groundwater withdrawn each year:** [Amount]

11. **Log of formations encountered in the drilling of each well:** [Log]

12. **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:** [Information]

**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 quadruplicate for the Approprietor.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Rich 

Radko of Broadus, Miles City

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

Stock

Irrigation

Household

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

Drilled 1910, used continuously

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

159 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

1 acre, lawn and garden

N 1/2 SW 1/4 = Sec 24 - T 47 - R 47

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

Motor 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

85 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

4" Casing, dept 96 feet

10. The estimated amount of groundwater withdrawn each year

400,000 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.
<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>MATHES, JAMES E.</td>
<td>GW-4</td>
<td>10478</td>
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<td>13</td>
<td>BLUM, BOYD</td>
<td>GW-4</td>
<td>10208</td>
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<td>GW-4</td>
<td>10207</td>
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<td>20</td>
<td>RICHARD &amp; SARCA</td>
<td>GW-4</td>
<td>11002</td>
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<td>BLUM, BOYD</td>
<td>GW-4</td>
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<td>Same as Sec 13</td>
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<td>30</td>
<td>MILCHARD, LYNN</td>
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<td>OCHSNER, J. DONALD</td>
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<td>10898</td>
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<tr>
<td>31</td>
<td>OCHSNER, J. DONALD &amp; FERN A.</td>
<td>GW-4</td>
<td>11155</td>
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<td>11155</td>
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<td>GW-4</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)

[Name of Appropriator] of [Address], [Town], [County] of [State],...

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 is

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

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.
FILE

At 11:30 O'Clock
Dec 27, 1963

C. C. Anderson
County Clerk and Ex-Officio Auditor
Custer County

F. Beck Reut
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Boyd Blum
   of Broadus Stage, Miles City
   (Name of Appropriator) (Address) (Town)

County of Custer 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:
   Stockwater

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1 - 2 GPM

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:
   Spring - developed

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: 100,000 gals.

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: Boyd Blum

Date: October 21, 1965

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the 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)

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

1. (Name of Appropriator) (Address) (Town)

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 for years since well was drilled

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 Revised Code 1952)

County of: [Name of County]
State of: [Name of State]

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

<table>
<thead>
<tr>
<th>Section</th>
<th>T</th>
<th>R</th>
</tr>
</thead>
<tbody>
<tr>
<td>13</td>
<td>2X</td>
<td>9</td>
</tr>
<tr>
<td>21</td>
<td>Sec 9</td>
<td></td>
</tr>
</tbody>
</table>

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
   - 1980 - continuous
   - Unknown - 50 years ago - continuous
   - 1950 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   - 1. 2.3 = 7 GPM

5. If used for irrigation, give the acreage and description of the land 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:
   - Power engine = cylinder
   - Electric = jet pump

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:
   - 1. 20 ft.
   - 2. 50 ft.
   - 3. 100 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. Electric = 100 ft., depth 150 ft.
   - 2. Hand-cranked to 150 ft.

10. The estimated amount of groundwater withdrawn each year:
    - 1. 2,000,000 gal.
    - 2. 3,000,000 gal.
    - 3. 2,000,000 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: October 31, 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 Appropirator.
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

| Section 77, R.48 |

1. **Applicant**: Lynn McFarland
   - **Address**: Broadus stage Miles City
   - **State**: Montana

2. The beneficial use on which the claim is based: None
   - **Type of water**: None

3. Date of approximate date of earliest beneficial use, and how continuous the use has been: 1945, continuous

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

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

```
| Well 3, West of Home: (8'13'-0'R4') |
```

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Feb. 8 Mar. 1945

8. The depth of water table: 593 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:

```
| Soft water, 3 in. dia. 593 ft |
```

10. The estimated amount of groundwater withdrawn each year: 18,250 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:

```
| Ground water, 3 in. dia. 593 ft |
```

**Signature of Owner**: Lynn McFarland

Date: Dec. 30, 1965

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
21, 20 O'clock
Dec. 2 1945
N. E. Anderson
Wm. Clerk and Ex-Recorder of
Gentry County, Missouri
[Signature]
Deputy
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

I. Donald Ochsner
   (Name of Appropriator)
   Address
   Town
   County of Custer
   State of Montana

I have appropriated groundwater according to the Montana laws in effect prior to January 1, 1960, 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:
   November 1960
   Has been continuous

4. The amount of groundwater claimed (in miner's inches or gallons 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:
   About 10 acres of land in the 50 7N 18E

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:
   November 1960

8. The depth of water table:
   15 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:
   100 ft deep

10. The estimated amount of groundwater withdrawn each year:
    1,000,000

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: I. Donald Ochsner
Date: 12/23/65

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriate.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

J. Donald Ochsner, Broker at Miles City
(Name of Appropriator)

County of Custer

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: House and Irrigation

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

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 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 J. Donald Ochsner
Date: 12/23/63

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)

J. Donald Ochsner

County of Custer
State of Montana

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

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

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

4. The amount of groundwater pumped (in gpm or gph or acre-feet):

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: J. Donald Ochsner
Date: 1/2/23/63

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

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(Under Chapter 237, Montana Session Laws. 1961)

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws. 1961)

I, Donald Ochsner, of Broadus AT Miles City

(Name of Appropriator)

County of CUSTER 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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1946 - TO DATE

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

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: 

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

8. The depth of water table: 40 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: 

10. The estimated amount of groundwater withdrawn each year: 250,000 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: 

Signature of Approp: Donald Ochsner

Date: 12/23/63

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.
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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 or Husband: Address: Miles City, Montana__________________ 
Contractor (if any): N/a ________________________________ 
Address of Contractor: ________________________________ 
Date Started: __________________ Date Completed: ________________ 
Describe means of obtaining groundwater without a well “as by 
sub-irrigation and other natural processes”. Include depth to 
water when applicable. ________________________________ 
Natural: Spring: ________________________________ 

Quantity of water developed and used with explanation of method 
used to measure such amount. If use is intermittent 
estimate approximate lengths of periods of use. ________________________________ 
This water for household use: ________________________________ 

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

Signature of Owner: ________________________________ 
Date: Dec 21, 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.