**WATER WELL LOG**

**Owner:** John Schultz  
**Address:** Grass Range, Montana

**Driller:** wellman & munson brig.  
**Address:** Grass Range, Montana

**Date Started:** Aug. 6, 1960  
**Date Completed:** Aug. 11, 1960

**Location:** Sec. 12  
**T. 13  
**R. 23  
**Sec. **

**Type of well:** Drilled  
**Equipment used:** Rotary

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

**Casing:**  
- 0 ft. to 117 ft.  
- Type: Galv.  
- Size: 1 1/2" O.D.

**Casing:**  
- 117 ft. to 127 ft.  
- Type: Galv.  
- Size: 5" O.D. Perforated

**Perforated or Screened:**  
- 117 ft. to 127 ft.  
- Ft. to Ft.

**Type of screen or perforations:** Standard

**Static Water level, for non-flowing well:** 117 feet

**Shut-in pressure, for flowing well:** lb./sq. in. on: [ ]

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

**How tested:** Bailing

**Length of test:** 8 hours at intervals

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

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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</thead>
<tbody>
<tr>
<td>0</td>
<td>Bentonite</td>
</tr>
<tr>
<td>6</td>
<td>Y 3 4/10 Hard Fine Grained Sand</td>
</tr>
<tr>
<td>48</td>
<td>Shale-Hydro-CarbonITE Layers</td>
</tr>
<tr>
<td>83</td>
<td>Hard Variegated Sand</td>
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<tr>
<td>88</td>
<td>Hard Sand</td>
</tr>
<tr>
<td>100</td>
<td>Hard Sands, soft streaks of sand</td>
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<tr>
<td>110</td>
<td>Hard Sand, very hard streaks</td>
</tr>
<tr>
<td>116</td>
<td>Hard Limestone</td>
</tr>
<tr>
<td>117</td>
<td>Chert-Coloite T.D.</td>
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</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)

LESLEE A. FINKBEINER &
DOROTHY K. FINKBEINER

Name of Appropriator

121 Mt. Pleasant Lewistown

Address

Town

County of Fergus

State of Montana

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

2. The beneficial use on which the claim is based

Stock water

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

About 1948, used five months each year (May - September) since

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

15 gallons per minute

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

Not applicable

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

Well in Southeast Quarter of the Southeast Quarter of the North-west Quarter of Section 21, withdrawn by pump operated by owner.

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

About 1948

8. The depth of water table

About 39'

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

Well drilled 51', cased with 5 5/8" casing, hand pump operated by gas motor with a pump jack; water taken out of well and piped into stock tank about 50' East

10. The estimated amount of groundwater withdrawn each year

250,000 gallons per year

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

not available

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

none

Signature of Owner

Leslee A. Pinkbeiner

Date

December 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.
State of Montana,
County of Purgas

Filed Dec 31, 1983

MAY RATHBUN
County Clerk and Recorder
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Charles Neufeld, of 425 Grass Range, 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1916, continuously

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: Natural

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: Charles Neufeld
Date: December 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.
State of Montana
Count of Park

Filed DEC 30 1963

8:00 o'clock A.M.

R.G. Wing
County Clerk and Recorder
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

J C Wildrick 1326 2nd St
(1326 2nd St) (Town)
County of Fergus 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
   Used for house and stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   1908 Continuous

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

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
   Hand Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   1908

8. The depth of water table
   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
   20 feet deep and five feet square

10. The estimated amount of groundwater withdrawn each year
    Unknown

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
    No Record

Signature of Owner
J C Wildrick 1326 2nd St
Date Dec 14, 1963

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

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

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

Filed DEC. 26, 1963 19
at 7:00 o'clock A. M.

Way Rothman
County Clerk and Recorder

20-5
Declarations of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Name of Appropriator) (Address) (Town)

County of Musselshell 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
   - For stock cattle in herds

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   - 1910 - Continuous

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

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

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:
   - Day to two feet deep

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:
   - Day two feet deep and three feet wide

10. The estimated amount of groundwater withdrawn each year:
    - Unknown

11. The log of formations encountered in the drilling of each well if available:
    - Small sandrock and dirt

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:
    - No previous record

Signature of Owner: Joe Wilding
Date: Dec 14, 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 Montana Bureau of Mines and Geology; and Quadruplicate for the Appropiater.
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

### 1. J. E. Wildin
- **Name of Appropriator**: J. E. Wildin
- **Address**: 132 W. 2nd St., Roundup
- **Town**: Roundup

**County of**: Musselshell
**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>N</th>
<th>W</th>
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</thead>
<tbody>
<tr>
<td>X</td>
<td>X</td>
</tr>
</tbody>
</table>

**Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.**

1. **Date of appropriation**: December 14, 1963

2. **The beneficial use on which the claim is based**: For stock water and gardens

3. **Date or approximate date of earliest beneficial use; and how continuous the use has been**: 1910, continuous

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

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

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**: Dug two feet deep

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**: Dug two feet deep and three feet wide

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

11. **The log of formations encountered in the drilling of each well if available**: Sandstone, silt, and dirt

12. **Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record**: No previous record

**Signature of Owner**: J. E. Wildin
**Date**: December 14, 1963

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

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

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

DEC 26 1963

Filed...........2:00 p.m., A.M.

Wayne B. Baldwin
County Clerk and Recorder
2nd flr.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: William Biemeld
Address: Roundup, Mont.

Driller: Charles Kelly
Address: Roundup, Mont.

Date of Notice of appropriation of groundwater: 4-5-70
Date well started: 4-5-70
Date completed: 4-9-70

Type of well: Drilled
Equipment used: Rotary

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>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>0</td>
<td>264</td>
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</table>

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
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</thead>
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<td>108</td>
<td>230</td>
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<tr>
<td></td>
<td></td>
<td>135</td>
<td>264</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
60 feet.

Shut-in Pressure for Flowing Well
Pumping Water Level
at 2000 gal. per minute.

Discharge in gal. per min. of flowing well
1500 gal.

How Tested: Balanced
Length of Test: 4 hours

Remarks: (Gravel packing, cementing, pack-ers, type of shutoff)

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).

[Diagram]

Driller's License Number
Charles Kelly
Driller's Signature
46944
State of Montana,
County of Fergus,

Filed: MAY 8 1970
at 2:00 o'clock P.M.

MAY CLARK
Clerk and Recorder
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Receiv±d Dec 27 1963

STATE ENGINEER

1. 
1. J. E. Wildin Sr., of Roundup, 1320 2nd St. E.
   (Name of Appropriator) (Address) (Town)
   County of Musselshell 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
      
      For Stock Cattle and Horse

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      
      1910

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
      
      Three to five 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
      
      Running Water

   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
      
      Dug two feet deep

   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
      
      Dug two feet deep, then fit with unknown

   10. The estimated amount of groundwater withdrawn each year
      
      Unknown

   11. The log of formations encountered in the drilling of each well if available
      
      Small sandrock and dirt

   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
      
      The previous record

   Signature of Owner J. E. Wildin Sr., 1320 2nd St. E.
   Date Dec 14, 1963

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

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

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

DEC 26 1963

Filed at 8:00 o'clock A.M.

Wm. H. Hatch

County Clerk and Recorder
<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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STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

WALTER A. MANS, of 2607 8TH AVE., SO.-GREAT FALLS
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 11-2-63

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

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1961
Owner: N. A. MANS
Address: GREAT FALLS, MONT
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.

Springs - Flows 5 gal./min. APPROX

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.

Can measurement
LIVESTOCK WATERING

Signature of Owner: N. A. MANS
Date: 11-2-63

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

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

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

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

**Owner:** Robert Abtgenen  
**Address:**  
**Driller:** Wellman Bros.  
**Address:**  
**Date Started:** Nov. 19, 1960  
**Date Completed:** Aug. 26, 1960  
**Location:** Sec. 13, T. 24, R. 24, 1/4 sec. SE 4

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Rotary</th>
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<th>Water use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
<th>Industrial</th>
<th>Drainage</th>
<th>Other</th>
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<td>Casing:</td>
<td>ft. to 164 ft.</td>
<td>Type</td>
<td>Size</td>
<td>4 1/2 0.0, 11#</td>
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<td>Casing:</td>
<td>ft. to</td>
<td>Type</td>
<td>Size</td>
<td></td>
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<td>Casing:</td>
<td>ft. to</td>
<td>Type</td>
<td>Size</td>
<td></td>
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</tr>
<tr>
<td>Perforated or Screened:</td>
<td>6 1/2 to 16 1/2 ft.</td>
<td>Type</td>
<td>Size</td>
<td></td>
<td></td>
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</tr>
<tr>
<td>Type of screen or perforations:</td>
<td>6 1/2 to 16 1/2 ft.</td>
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</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>feet.</td>
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<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq. in. on:</td>
<td>(date)</td>
<td></td>
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<tr>
<td>Pumping water level:</td>
<td>feet at</td>
<td>gal. per min.</td>
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<td>How tested:</td>
<td>Bailey</td>
<td></td>
<td></td>
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<tr>
<td>Length of test:</td>
<td>One Hour 6 30 MINUTES</td>
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</tr>
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<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td>Cave catch type bar. bar 12 1/2 ft.</td>
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<tr>
<td>Depth, feet</td>
<td>Description of Material Drilled</td>
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<tr>
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<tr>
<td>0 - 17</td>
<td>Hard sand + streaks of chert</td>
<td>dolomite</td>
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<td>17 - 89</td>
<td>Sand</td>
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<td></td>
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<td>89 - 91</td>
<td>Bentonite</td>
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<tr>
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<td>From pyrites - shale</td>
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</tr>
<tr>
<td>102 - 104</td>
<td>Shale</td>
<td></td>
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<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Robert F. Allegren of Grass Range

County of Lewis, State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1902, 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 prior to

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  
County of Pondera

COPY

Filed  DEC. 30, 1963
at  2:00 o'clock  P.M.
$3,000

MAY RATHBUN

County Clerk and Recorder
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Robert F. Allgren
(Name of Appropriator) of Loosa Range
(Address) (Town)
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 continuous the use has been.

3. The amount of groundwater claimed (in minpr'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. Date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.

6. The depth of water table.

7. 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.

8. The estimated amount of groundwater withdrawn each year.

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

10. 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, County of Fergus.

Filed DEC 30 1919
4 10 o'clock A.M.

MAY RATHBUN
T.d. Counsel for the Remitter
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Robert F. Higgen
   (Name of Appropriator)
   .
   (Address)
   (Town)
   County of
   State of
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

| SE | NW | Sec. | Tl. | R. | P. |
|----|----|------|----|----|----| Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

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

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): 100 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.

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

8. The depth of water table: 500 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: 100 gpm.

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: Robert F. Higgen
Date: 12/30/63

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 School of Mines and quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropria tor (Name of Appropria tor)
   (Addiess) (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
   1940

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

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
   about 1940

8. The depth of water table
   360'

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
Robert J. Chilgren
Date 12/30/63

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 School of Mines and Quadruplicate for the Appropria tor.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Bobert F. Alsham, of Black Range
County of Fergus
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 well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1918-

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 109a.

5. If used for irrigation, give the acres 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 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)

Robert J. Allegre
of... State of...

I declare that I am entitled to the use of 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: 12/20/63

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 School of Mines and Quadruplicate for the Appropriator.
1. Bureau of Land Management ........................................ (Name of Appropriator)  
   (Address) ............................................................ (Town)  
   County of ............................................................. State of ...........................................

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

<table>
<thead>
<tr>
<th>N</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

   2. The beneficial use on which the claim is based  ........................................ for livestock water  

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1936 to Present  

   4. The amount of groundwater claimed (in miner's inches or gallons per minute) 111  

   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 2/A  

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: gravity flow to 3' x 3' x 7' concrete catch basin  

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1939  

   8. The depth of water table  Surface discharge  

   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: Gravity flow from surface discharge to 3' x 3' x 7' concrete catch basin with 14' galvanized steel pipe outlet  

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

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

   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 ............................................  

   District Manager ..............................................  
   Date December 13, 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.  

   11346.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

**William P. Meadow**

(Name of Appropriator)

Grass Range

(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)  

STATE ENGINEER  

(Name of Appropriator)  
(Address)  
(Town)  

County of  
Perkins  
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 water  

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.  
   1956; water used every year from that time to the present.  

4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
   3 gal./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.  
   N/A  

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
   Gravity flow from 5' x 3' x 7' concrete catch basin.  

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
   1956  

8. The depth of water table  
   Free flow from exposed water bearing strata.  

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.  
   A 3' x 3' x 7' concrete catch basin set over spring  
   with an 1 1/8" galvanized steel pipe outlet.  

10. The estimated amount of groundwater withdrawn each year  
    1,500,000 gal./year  

11. The log of formations encountered in the drilling of each well if available  
    It appears that water is flowing from the Kootenai formation.  

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  

/s/ Harold G. Stinchcomb  
Acting District Manager  
Date  
February 26, 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 Fergus.

Filed FEB 27 1963
at 3:20 o'clock (P.M.)

Clerk and Recorder
County
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. William P. Meadon of Grass Range

County of Strange
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 and stock water

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

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

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: 170 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: About 16 gal per min

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:
The two wells are located

Signature of Owner: William P. Meadon
Date: Dec 30 - 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, as stated, 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**

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
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</thead>
<tbody>
<tr>
<td>Owner</td>
<td>John W. Hughes</td>
</tr>
<tr>
<td>Address</td>
<td>Grasshopper</td>
</tr>
<tr>
<td>Driller</td>
<td>Ronald Williams</td>
</tr>
<tr>
<td>Address</td>
<td>Oelwein, Mont.</td>
</tr>
<tr>
<td>Date Started</td>
<td>4-11-16</td>
</tr>
<tr>
<td>Date Completed</td>
<td>4-24-16</td>
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<tr>
<td>Location: Sec.</td>
<td>24 T., 13 R., 24 1/4 sec. 660 1/4</td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Rotary</td>
</tr>
<tr>
<td>Water use: Domestic</td>
<td>Stock</td>
</tr>
<tr>
<td>Industrial</td>
<td>Drainage</td>
</tr>
<tr>
<td>Other</td>
<td>Other:</td>
</tr>
<tr>
<td>Casing:</td>
<td>Type</td>
</tr>
<tr>
<td>1 ft. to 60 ft.</td>
<td>Type</td>
</tr>
<tr>
<td>Casing:</td>
<td>Type</td>
</tr>
<tr>
<td>Casing:</td>
<td>Type</td>
</tr>
<tr>
<td>Perforated or Screened: Ft. to Ft.</td>
<td>Ft. to Ft.</td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well</td>
<td>feet</td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb./sq. in. on:</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>feet at</td>
</tr>
<tr>
<td>How tested</td>
<td></td>
</tr>
<tr>
<td>Length of test</td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td>Trespass flow with 30 gal. pump</td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>114 - 250</td>
<td>Montmorency</td>
</tr>
<tr>
<td>250 - 420</td>
<td>2nd Cabirup</td>
</tr>
<tr>
<td>420 - 523</td>
<td>High Oak Creek</td>
</tr>
<tr>
<td>523 - 735</td>
<td>Morinier</td>
</tr>
<tr>
<td>930 - 1110</td>
<td>Eau Claire</td>
</tr>
<tr>
<td>1110 - 1343</td>
<td>Syler</td>
</tr>
<tr>
<td>1343 - 1400</td>
<td>Heath</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(Name of Appropriator) (Address) ,
(Town) •
County of (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 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)

1. John W. Hughes of Missoula, Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   - The beneficial use on which the claim is based: Irrigation
   - Date or approximate date of earliest beneficial use: December 1961
   - The amount of groundwater claimed (in miner's inches or gallons per minute): 5 gpm
   - If used for irrigation, give the acreage and description of the lands to which water has been applied and the name of the owner thereof: 50 acres in Missoula County
   - The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Cistern

   - The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Dec. 1961
   - The depth of water table: 513 ft
   - The estimated amount of groundwater withdrawn each year: 600,000 gal per yr
   - The log of formations encountered in the drilling of each well if available: Continental, 3rd Cut Off
   - 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: John W. Hughes
   Date: March 1, 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 Appropriate.
State of Michigan

County of Fergus

Filed APR 6 1962
at 8:30 A.M. 9th day of April

Mary Welch
County Clerk and Recorder

9202 COPY
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Name of Appropriator: William P. Meadors
   Address: Grass Range
   County: Powell
   State of Montana

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1961
   Year Around

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

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

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: Not Known

8. The depth of water table: Not Known

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: Never Measured

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: William P. Meadors
Date: Dec. 30, 1963

Three copies to be filed by the owner with the County Clerk and Record 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; Quadruplicate 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. William P. Meadors
   of Grass Range
   (Name of Appropriator) (Address) (Town)
   County of Coeur d'Alene
   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: Stock Water

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

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

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 the water from the ground and the location of each well or means of withdrawal: Drop the Well by Self

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

8. The depth of water table: Not Known

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: 3½ ft of 2½ in. between 2 4½ catinches sanda floor. 8 gals.

10. The estimated amount of groundwater withdrawn each year: Never Measured

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: William P. Meadors
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 Appropirator.
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<tr>
<th>Sec.</th>
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<th>Type of Form</th>
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<td>Wiltsey, Mrs.</td>
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<td>C. Wiltsey, Esq.</td>
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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: Dorothy Bartlett
Address: Winnet, Montana

Date well started: Aug. 5, 1970
Date well completed: Aug. 16, 1970

Type of well drilled: Dug, driven, bored or drilled
Equipment used: Rotary (Chim drill, rotary or other)

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

*Describe: 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: 263,800 gals

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

Driller's Signature: B. M. Munson
Driller's Address: Grass Range, Mont.

LICENSE NO.: 26

For completion by means of well

Top of Ground

Previous oil test:
Formation Top given:
802 1st Cat Creek
1032 2nd Cat Creek
1302 3rd Cat Creek

1310 Harrison
1522 Swift
1582 Piper Line
1612 Anderson
1610 1700 fractured dolomite and limestone

T.J.

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.
STATE OF MONTANA.
County of Precinct

Do hereby in the name of lawful user and claimant of the water and water right mentioned in the foregoing notice as completion of groundwater appropriation without will and the person whose name subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matter and thing therein stated are true.

Subscribed and sworn to before me, this 16 day of January, 1971.

Notary Public for the State of Montana
Residing at

My Commission expires 23rd day of July, 19--.
STATE OF MONTANA,

County of [Redacted]

Dorothy L. [Redacted], having first been duly sworn, deposes and says that she is of lawful age and is the appropriator and claimant of the water and water right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person whose name subscribed thereto, as the appropriator and claimant, that she knows the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me, this 17th day of [Redacted] 1972.

Notary Public for the State of Montana.

Residing at [Redacted]

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 277 Montana Session Laws, 1951, as amended)

This form to be presented by driller and these forms are to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, 2 copies to be retained by driller.

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

Owner: Secretary, Petroleum Co.
Address: 300 W. Main St., Billings, Montana

Date well started: Aug. 5, 1970
Date well completed: Aug. 16, 1970

Type of well drilled: (Drill, boring, jetter driven)

Equipment used:...

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

* * * *

USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location of other data (i.e. lot, block and addition).

ESTIMATED ANNUAL WITHDRAWAL

<table>
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<th>Use of Water</th>
<th>Percent of Total</th>
<th>Time (hr.)</th>
<th>To (hr.)</th>
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<tbody>
<tr>
<td>S. E. 150 ft</td>
<td>150 feet square</td>
<td>1520</td>
<td>0</td>
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Perforations

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

Completed and perforated by...Munson.

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

Driller's Signature: B. M. Munson
Driller's Address: Grand Range, Mont.

LICENSE NO.: 20

1730 ft. Show exact depth of bottom.
NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962
(Under Chapter 23) 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: Dorothy Bartlett

Date well started: Aug. 5, 1972

completed: Aug. 16, 1972

Type of well: drilled

Equipment used: Rotary

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: 262,800 GALLONS

FLOWING WELL:

Static water level measured on...

Pumping water level measured on...

Water level measured at... gallons per minute...

Minerals:

Drs. 30 feet

150 feet

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Driller's Signature: M. Munson

Driller's Address: Grass Range, Mont.

LICENSE NO.: 26