WATER WELL LOG

Date: August 23, 1957

Stanley Trollope
Municipal

Address: Milesburg, Montana

WATER WELL LOG

STATE ENGINEER

T. 17N  R. 60E

Description: Old Well

County: Miles

Owner: Stanley Trollope

Address: Milesburg, Montana

WATER WELL LOG

STATE ENGINEER

T. 17N  R. 60E

Description: Old Well

Owner: Stanley Trollope

Address: Milesburg, Montana

Equipment used: Drill

Municipal  Stock  Irrigation

Drainage  Other:

Type  Size

Type  Size

Type  Size

ft.  ft.  ft.

Shut-in pressure: 30 lb./sq. in.

Pumping water level: 30 feet at 4 gal. per min.

How tested: flushing

Length of test:

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

Bottom gravel packed

(over)
<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment used</td>
<td>Drill</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Casing</th>
<th>6 ft. to 88 ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Type</td>
<td>Size</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Perforated or Screened</th>
<th>Ft. 84 to Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ft. to Ft.</td>
<td></td>
</tr>
<tr>
<td>Type</td>
<td>Size</td>
</tr>
</tbody>
</table>

Type of screen or perforations: none

Static Water level, for non-flowing well: none

Shut-in pressure, for flowing well: none (lb./sq. in. or gal./min.)

Pumping water level: 30 feet at 1/4 gal. per min.

How tested: flushing

Length of test: 

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

<table>
<thead>
<tr>
<th>Remarks</th>
<th>bottom gravel packed</th>
</tr>
</thead>
</table>

(over)
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
   of Billings, Montana
   (Name of Appropriator) (Address) (Town)

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

   X
   W
   S

   Sec. 19, T. 17, R. 60
   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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1933. Years Applied

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

   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 1933

   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

   These 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.

   9340
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>Elmer Zimmerman</td>
<td>Wilsall</td>
<td>Mutual</td>
</tr>
</tbody>
</table>

1. Elmer Zimmerman, of Wilsall, 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: 
   - *July 1952*, about 4 months each year.

4. The amount of groundwater claimed (in inches or gallons per minute): 9 gals 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 to whom water was applied: 
   - None.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 
   - *June 1952*

8. The depth of water table: 180 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: 
   - 1/2 in. casing used in this well, 21 ft. deep.

10. The estimated amount of groundwater withdrawn each year: 200,000 gallons.

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

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

   Signature of Owner: Elmer Zimmerman
   
   Date: Dec. 26th, 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.

*Please note: The page contains a grid with an 'X' indicating the point of appropriation and an 'O' indicating the place of use.*

*Please note: The text contains a table and includes details about the beneficial use, date of use, amount claimed, means of withdrawal, and estimated amount withdrawn each year.*
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws 1951)

Owner: Rose Kelly  Address: Bank #10
Driller: J. C. Jones  Address: Bank #10
Date of Notice of Appropriation of Groundwater: Date Complied: 1/4/1961
Type of well: Drilled  Equipment Used: Reentry
Water Use: Domestic  Municipal  Other  Irrigation
Industrial  Drainage  Stock

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

Static Water Level for non-flowing Well: 80 feet
Shut-in Pressure for Flowing Well:
Pumping Water Level: 155 feet at 5 gal. per minute
Discharge in gal. per min. of flowing well:
How Tested: Labor
Length of Test: 144
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; 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)

File No. ___________________
County of _________________
County Clerk

DUPLICATE

1. (Name of Appropriator) of _________________ State of _________________
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   _________________ Acres

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

   _________________ Year Around

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

   _________________ Gallons Per Minute

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

   _________________ Acre

   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.

   _________________ Acre

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

   _________________ Acre

   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. 

   _________________ 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. 

   _________________ ft.

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

1. Peter Dumes of Helena, Montana
   County of Helena
   State of Montana

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1932, Year around.

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

7. The date of commencement and completion of the construction of the well, walls, or other works for withdrawal of groundwater: 1933

8. The depth of water table: 6'

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: WKB Sec 29 T17 R60, Depth 120 ft. 6 in., casing Drilled

10. The estimated amount of groundwater withdrawn each year: 150,000

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

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

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.

Signature of Owner: Peter Dumes
Date: Dec 13, 1963
**STATE OF MONTANA**
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. **Peter Johnson**  
   (Name of Appropriator)  
   County of:  
   State of Montana

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

3. Date or approximate date of earliest beneficial use; and if continuous the use has been:  
   1922

4. The amount of groundwater claimed (in miner's inches or gallons per minute):  
   Five 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:  
   1950

8. The depth of water table:  
   Right foot

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:  
   Depth 30 ft. 6 in. casing

10. The estimated amount of groundwater withdrawn each year:  
   7,500 7,500 21,000

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:  
Date:  

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1947
Owner: Peter Thomas
Address: 123 Main St, Wibaux, MT
Contractor (if any): John Doe
Address of Contractor: 456 Pine Ave, Wibaux, MT
Date Started: 1947
Date Completed: 1960

Describe means of obtaining groundwater without a well: "As by sub-irrigation and other natural processes". Include data on 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: Peter Thomas
Date: Dec 31, 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.
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
<th>County of</th>
<th>State of Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Peter Kramer</td>
<td>Wilson</td>
<td>Montana</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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
- Watering Livestock

## 3. Date or approximate date of earliest beneficial use; and how continuous the use has been
- 1950, Year Around

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

## 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
- 1950

## 8. The depth of water table
- 2 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

## 10. The estimated amount of groundwater withdrawn each year
- 309, 830

## 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: Peter Kramer  
Date: Dec 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

(Under Chapter 237, Montana Session Laws, 1962)

**1. Northern Pacific Railway Company**, of **N.P. Bldg.**

**St. Paul**

<table>
<thead>
<tr>
<th>County of</th>
<th>State of</th>
</tr>
</thead>
<tbody>
<tr>
<td>RAMSEY</td>
<td>MONTANA</td>
</tr>
</tbody>
</table>

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

2. The beneficial use on which the claim is based: **Furnishing water for Drinking**.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **Continuous since 1949**.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **Wells drilled in 1949**.

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: **100 feet deep - 6-inch casing**.

10. The estimated amount of groundwater withdrawn each year: **None available**.

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 available**.

---

**Northern Pacific Railway Company**

Signature of Owner: **[Signature]**

**Dist. Supervisor, Graz. & Cult.**

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 Appropriate.
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: 1946
Owner: Peter Thamer
Address: Hallack
Contractor (if any): 
Address of Contractor: 
Date Started: 1946
Date Completed: 1946
Describe method of obtaining groundwater without a well or by subirrigation and other natural processes. Include depth to water when applicable.
Train Eight Feet

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

NE 1/4 Sec 37 T12 R20
Indicate point of appropriation and place of use, if possible.

Signature of Owner: Peter Thamer
Date: Dec 27, 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; quadruplicate for the Appropriator.
**Notice of Completion of Groundwater Appropriation by Means of Well**

**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: **Rev. Staff**
Address: **Wilsburg**

Driller: **Mr. Madril**
Address: **Wilsburg**

Date of Notice of appropriation of groundwater: **10 Oct 68**
Date well started: **10 Oct 68**
Date completed: **18 Oct 68**

Type of well: **Dug**
Equipment used: **None**

Water use: **Domestic**

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</th>
<th>Size and Weight of Core</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hole</td>
<td>Hole</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: **110 feet**

Shut-in Pressure for Flowing Well: **175 feet**

Pumping Water Level: **175 feet**

Discharge in gal. per min. of flowing well: **190**

How Tested: **Inlet**
Length of Test: **34 ft**

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

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

N E 15 5 S 34 T 7 R 16

(Continue on reverse side)

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).

Driller's License Number

Driller's Signature

File No.

County

File No.

MONTANA WATER RESOURCES BOARD

TRIPlicate

LOG RECEIVED

Date of Ground

N O V 2 1 9 6 8

Copy of Ground

Key above sea level

Area of Ground

Drainage District

Owner

Address

Driller

Address

Date of Notice of appropriation of groundwater.

Date well started.

Date completed.

Type of well.

Equipment used.

Water use.

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.

Static Water Level for non-flowing well.

Shut-in Pressure for Flowing Well.

Pumping Water Level.

Discharge in gal. per min. of flowing well.

How Tested.

Length of Test.

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

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

N E 15 5 S 34 T 7 R 16.

(Continue on reverse side)

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).

Driller's License Number

Driller's Signature

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>ANDERSON, ANDERSW</td>
<td>C1.2</td>
<td>75062</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>DUKART, JOHN J</td>
<td>E1.3</td>
<td>67467</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

Developed after January 1, 1962

(Under Chapter 297 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:**
Andrew W. Anderson

**Address:**
Darlington Spring

**File No.:** 75082

**Date well started:**
3-21-1973 11:58 A.M.

**Completed:**
3-21-1973

**Type of well:**
Dug well

**Equipment used:**
Rotary (Drill, rotary or other)

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

*Describe:*

**USE:**
If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data. (i.e., Lot, Block, and Addition).

**ESTIMATED ANNUAL WITHDRAWAL:**
500,000 gal

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Depth of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Grout</th>
<th>280</th>
<th>310</th>
</tr>
</thead>
<tbody>
<tr>
<td>12&quot;</td>
<td>5½&quot; x 5½&quot;</td>
<td>0</td>
<td>310</td>
<td>1×4</td>
<td>3</td>
<td>3</td>
</tr>
</tbody>
</table>

**Static water level:**
175 ft

**Pumping water level:**
230 ft

**at 10 gallons per minute:**
measured minutes after pumping began.

*Measured from ground level.

**Well developed by:**
Pump

**Power:**
Pump

**Remarks:**
Gravel packing, cementing, packers, and shoring.

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

**Driller's Signature:**

**Driller's Address:**
Box 149, Darlington, Mont.

**License No.:** 92

**Show exact depth of bottom:**
310

**52,985**
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: John J. Bubert
Address: Ribbons, Montana

Contractor (if any): None

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. "Runs freely, depth unknown."

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

About 1,080 gallons a day when in use.

Used mostly during summer months.

Signature of Owner: John J. Bubert
Date: 12-27-63

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

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

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

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

**County: Walworth**

**Twp.: 16 N**

**Rge.: 59 E**

<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>7</td>
<td>MUK, A.H.</td>
<td>CW 4</td>
<td>67492</td>
<td></td>
</tr>
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<td>8</td>
<td>DUKART, JOHN J.</td>
<td>CW 4</td>
<td>67468</td>
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<tr>
<td>9</td>
<td>DOEHRMANN, L.</td>
<td>CW 3</td>
<td>67561</td>
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<td>10</td>
<td>DOHR MANN, W.</td>
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<td>67559</td>
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<td>11</td>
<td>TROLOPE, STANLEY</td>
<td>CW 3</td>
<td>67416</td>
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<td>12</td>
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<td>CW 4</td>
<td>67415</td>
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<tr>
<td>13</td>
<td>DOHRMAN, W.</td>
<td>CW 2</td>
<td>67624</td>
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<td>14</td>
<td>DOHR MANN, L.</td>
<td>CW 3</td>
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<td>15</td>
<td>DOHR MANN, L.</td>
<td>CW 3</td>
<td>67560</td>
<td></td>
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<td>16</td>
<td>DOHR MANN, LUTHER</td>
<td>CW 2</td>
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<td>20</td>
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<td>20</td>
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<tr>
<td>20</td>
<td>LITTLE, C. H.</td>
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<td>22</td>
<td>BARNABY, J. D.</td>
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<td>23</td>
<td>DOHR MANN, WILMA</td>
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<td>NOR. PAC. RY. CO.</td>
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<td>DOHR MANN, W.</td>
<td>CW 4</td>
<td>67562</td>
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<td>STAGGS, EUGENE</td>
<td>CW 2</td>
<td>69330</td>
<td></td>
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<td>29</td>
<td>STAGGS, EUGENE</td>
<td>CW 2</td>
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<td>BARNABY, J. O.</td>
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<td>BARNABY, J. O.</td>
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<tr>
<td>32</td>
<td>BARNABY, J. D.</td>
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<td>33</td>
<td>DUKE, JOHN J.</td>
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<td>67541</td>
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<td>CW 2</td>
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<td></td>
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<td>35</td>
<td>DUKE, JOHN J.</td>
<td>CW 3</td>
<td>67497</td>
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<tr>
<td>36</td>
<td>BARNABY, J. D.</td>
<td>CW 3</td>
<td>67627</td>
<td></td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

A. H. Ried
(Name of Appropriator)

Wilma, Montana
(Address)

County of Wilma
State of Montana
(Town)

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: Watering cattle and stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Spring 1962, yearly

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: About 1961

8. The depth of water table: Unknown

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: 60 ft., 11" casing, screen

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

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

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

Signature of Owner

Date: November 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 297, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>1. John J. Dukart</th>
<th>of</th>
<th>Wibaux</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Name of Appropriator)</td>
<td>(Address)</td>
<td>(Town)</td>
</tr>
<tr>
<td>County of Wibaux</td>
<td>State of Montana</td>
<td></td>
</tr>
<tr>
<td>have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May, 1959. Used just during summer months.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 50 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: Not used.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: May, 1959. Finished May, 1959.

8. The depth of water table: 15 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: 18" x 30".

10. The estimated amount of groundwater withdrawn each year: 72,000 gallons.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including a summary of legal and administrative action: Not available.

Signature of Owner: John J. Dukart
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.

25267
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 Appropriator</th>
<th>Address</th>
<th>Town</th>
<th>State of Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>John Doe</td>
<td>123 Main St</td>
<td>Missoula, MT</td>
<td>MT</td>
</tr>
</tbody>
</table>

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   - Summer 1958

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:
   - 40 acres - John Doe

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

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

8. The depth of water table:
   - 60 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:
   - Depth: 70 ft

10. The estimated amount of groundwater withdrawn each year:
    - 150,000 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:
    - Not applicable

Signature of Owner:

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.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237, Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Not Known
Owner: W. Dickinson
Address: Wilsnap

Contractor (if any): Not Known
Address of Contractor: Not Known
Date Started: Not Known
Date Completed: Not Known

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

Natural Water Supply

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: W. Dickinson
Date: Dec 31, 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.
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater...

Owner...

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.

Earth flood-... field by drainage...

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

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

Signature of Owner...

Date...

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

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

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

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

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

1. Stanley Dollyger
   (Name of Appropriator)
   of: Wilsall
   (Town)

   County of: Jefferson
   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:
   [Handwritten: Irrigation]

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   1915

4. The amount of groundwater claimed (in minor's inches or gallons per minute):
   5 gal. 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:
   [Handwritten: None at present]

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   1915

8. The depth of water table:
   90

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:
   [Handwritten: 6' casing]

10. The estimated amount of groundwater withdrawn each year:
    100,000 gal

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

   Signature of Owner: Stanley Dollyger
   Date: Dec 27, 1963

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

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

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

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

1. **W. Jothmann**, of [Address]
   - (Name of Appropriator)
   - (Town)
   - (State)
   - (County)
   - (State)

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

2. **Use on Site**: [Use on Site]

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

4. The amount of groundwater withdrawn (to move or raise water one gallon 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: [Acreage]

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 of appropriation of groundwater or other works for withdrawal of groundwater:
   - [Date]

8. The depth of water table:
   - [Depth]

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

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

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

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

Signature of Owner:

Date:

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
**NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL**

Developed after: **January 1, 1966**

(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, state otherwise; the form may be returned.**

---

**Owner:**

<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>Well No.</th>
<th>Date well started</th>
<th>Top of Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td></td>
<td></td>
<td></td>
<td></td>
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</tbody>
</table>

---

**Type of Well:**

- Drilled

**Equipment used:**

- Rotary

**Water Use:**

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

**Describe:**

- If used for irrigation, industrial, drainage or other, explain, state number of acres and location of other data (i.e., lot, block, and section).

---

**Estimated Annual Withdrawal:**

<table>
<thead>
<tr>
<th>Site of Drilled Well</th>
<th>Site and Weight of Casing</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORATIONS</th>
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<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Static water level:**

- 235 ft.

**Pumping water level:**

- 250 ft.

**Remarks:**

- Drilled, packed, cemented, packers, type of shutoff

---

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

**Driller's Signature:**

- C.T. Stam

**Driller's Address:**

- Box 183

---

**Show exact depth of bottom:**

- 49081
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 337, Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1-31-1943
Owner: W. Podhamer
Contractor (if any): W. Podhamer
Address of Contractor:
Date Started: 1-1
Date Completed: 1-31-1943
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: W. Podhamer
Date: 1-31-1943

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 257 Montana Session Laws, 1961)

Date of Appropriation of Groundwater
Owner: Johnson
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.

1 + 2 Natural Gravity Generators

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.

Summer and Winter

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

Signature of Owner: Johnson
Date: Dec 31, 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.
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

DEVELOPED AFTER JANUARY 1, 1952

UNDER CHAPTER 237, MONTANA SESSION LAWS, 1951, AS AMENDED

Owner: J.B. Johnson
Address: 511 4th Ave., Great Falls, Montana

Driller: C.H. Steen
Address: Bozeman, Mont.

Date of Notice of appropriation of groundwater:
Type of well: Drilled
Equipment used: (Drill, driven, bored or drilled)
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 the depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Static Water Level for non-flowing wells: 119 feet
Shut-In Pressure for Flowing Wells
Pumping Water Level: 135 feet
Discharge in gal. per min. of flowing well

How Tested: Bailey
Length of Test: 1 day

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

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

Doc. No.: 74625
Filed for record
File date: 22 day of May
A.D. 19__
M.D. ____, at __ M.

142

168

Driller's License Number
Driller's Signature
51, 448

File No.

I certify that I have read and understand the information required to be furnished by the owner and the driller.

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, third copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
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 L. Dubert (Name of Appropriator), of Wibaux (Address), (Town) of Wibaux, 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 and domestic use.

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

4. The amount of groundwater claimed (in minor's inches or gallons per minute): 20 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:
   - Not used.

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: Unknown.

8. The depth of water table: Unknown.

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: 5" x 120'.

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

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

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

Signature of Owner: [Signature]
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 19th District, Fourth, Third, Second, First, Western, Imperial, Mining and Racial, and all other..
Notice of Completion of Groundwater Appropriation by Means of Wells

DEVELOPED AFTER JANUARY 1, 1967

(Formerly Chapter 17, Montana Session Laws, 1965)

Owner: John Doe
Address: 123 Main St.

Driller: John Smith
Address: 456 Elm St.

Date of Notice of Appropriation of groundwater: 7-9-67
Date completed: 7-15-67

Type of well: Drilled
Equipment used: Chum Drill
(Chum drill, regular or other)

Type of use: Domestic

Water use: 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 the water rises in the well.

<table>
<thead>
<tr>
<th>Stratum</th>
<th>Diameter</th>
<th>Length</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot;</td>
<td>4&quot;</td>
<td>0 132</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well:

Shut-in Pressure for Flowing Well:

Pumping Water Level:

Discharge in gal. per min. of flowing well:

How Tested: Tested
Length of Test: 10 feet
Remarks: Gravel packing, cementing, packers, type of shutoff: Gravel packed at 10 feet

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

Show exact depth of bottom.

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

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

Driller's License Number: C H Smith
Driller's Signature: 

File No. T 16 R 57
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

0. N. Augustine State, of St. Louis, Missouri
(Name of Appropriator) (Address) (Town)

County of Montana, 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: Underground

2. The date or approximate date of earliest beneficial use; and how continuous the use has been. Early 1940's

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

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

7. The depth of water table.

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.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1951)

I. J. D. Barnaby, of Wibaux, 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: 1A. Livestock and household; 2A. Livestock and household.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1A. 1936, year-round use; 2A. 1950, year-round use.

4. The amount of groundwater claimed (in water inches or gallons per minute): 1A. 3 gallons per minute; 2A. 30 gallons per minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 1A. 4 acres for garden, J. D. Barnaby; 2A. 5 acres for garden. J. D. Barnaby.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 1A. Deep well, 6" steel casing, 85 feet; 2A. Submersed electric pump, 1A. SW 1/2-22-16-59; 2A. SE 1/2-22-16-59.

7. The date of commencement and completion of the construction of the well, or other works for withdrawal of groundwater: 1A. 3/6/39-11/12/39; 2A. 4/20/63-6/12/63.

8. The depth of water table: 1A. 80 feet; 2A. 150 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: 1A. Deep well, 6" steel casing, 85 feet; 2A. Deep well, 6" steel casing, 170 feet deep.

10. The estimated amount of groundwater withdrawn each year: 1A. 59,000 gallons; 2A. 700,000 gallons.

11. The log of formations encountered in the drilling of each well if available: 1A. Not available; 2A. 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: 1A. None; 2A. None.

Signature of Owner: J. D. Barnaby
Date: 12/28/63

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.