STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Stanford L., Mr Louva Lee Rowe, of Loma,
   (Name of Appropriator) (Address) (Town)
   County of Chouteau 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: household and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1938 - year round.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 12 gal. minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Stanford L., or Louva Lee Rowe Block 1 Lots 9 thru 13 Lona Block 1.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: May 2, 1938 completed June 15, 1938.

8. The depth of water table: 12 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: dug well depth 23 ft., Beam 2 ft.

10. The estimated amount of groundwater withdrawn each year: 12,000 gal.

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

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

Signature of Owner: Stanford L. Rowe
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 School of Mines and quadruplicate for the Appropriator.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Stanford L. or Louva Lee Rowe, of Loma
   (Name of Appropriator) (Address) (Town)
   County of Chouteau, 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: household and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1939 - year round.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Stanford L., or Louva Lee Rowe, Block 1, Lots 9 thru 13.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: May 2, 1939 completed June 25, 1939.

8. The depth of water table: 19 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: dug well, depth 21 ft., beam, 2 ft.

10. The estimated amount of groundwater withdrawn each year: 12,000 gals.

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

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

Signature of Owner: Stanford L. or Louva Lee Rowe
Date: December 31, 1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Appropriator.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Claude Salyer, of Loma

County of Chouteau, 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: Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: April 1944

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 2680 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: Lots 17, 18, 19, 20, 21 Block 4, Township of Loma 1/4 Sec. 7, T. 41 R. 62

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: April 1944

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: Dug well 21 feet deep

10. The estimated amount of groundwater withdrawn each year: 60,000,000 gallons

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

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

Signature of Owner: Claude Salyer
Date: December 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 School of Mines and Quadruplicate for the Appropriate.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. [Name of Appropriator], of [Address], [Town],
   County of [County], State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

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

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:

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:

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: [Signature]
Date: [Date]

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER RIGHTS
OFFICE OF STATE ENGINEER

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

1. F. L. Billing of Lewis
   County of Chouteau, State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   2. The beneficial use on which the claim is based
      
   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      
   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
      
   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)

JOHN B. STEIN, AND
MARIE K. STEIN
(Name of Appropriator) (Address) (Town)

County of CHOUTEAU, 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: WATER FOR HOUSEHOLD, LAWN AND GARDEN USE.

3. Date or approximate date of earliest beneficial use: FEBRUARY 1943, DAILY FOR HOUSEHOLD, SPRING, SUMMER AND FALL FOR IRRIGATING, APRIL THRU OCTOBER, YEARLY.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): HOUSEHOLD ESTIMATE 1000 GALLONS DAILY, IRRIGATING 10000 GALL DAILY DURING IRRIGATING SEASON

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: LOTS 3 AND 4, OUTLOT C TOWN OF LOMA CHOUTEAU COUNTY, MONT.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: ELECTRICAL PUMP, DRILLED WELL ON LOT 3, OUTLOT C TOWN OF LOMA, MONT.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: STARTED DRILLING DECEMBER 1943, COMPLETED FEBRUARY 1944.

8. The depth of water table: 17 FEET TOP OF GROUND TO WATER.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 6 INCH STEEL CASING USED, WELL 18.32 FEET DEEP AND 32 FEET OF 6 INCH STEEL CASING USED.

10. The estimated amount of groundwater withdrawn each year: 2,136,000 GALLONS PER YEAR.

11. The log of formations encountered in the drilling of each well if available: THINK 15 FEET OF DIRT, 3 FEET OF SAND, BALANCE COARSE GRAVEL THRU TO SHALE, WHICH 18.32 FEET FROM TOP OF GROUND, THE CASING 18.32 FEET ON LENGTH AND 2 FEET ABOVE SHALE.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: LOT 3, OUTLOT C OF THE TOWN OF LOMA, CHOUTEAU COUNTY, MONTANA, DEED NO 256233 BOOK 49 PAGE 456 OF DEEDS.

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

   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.
## WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Hatton Watson</th>
<th>Address</th>
<th>Loma, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Sam Watson</td>
<td>Address</td>
<td>Loma, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>Date Completed</td>
<td>Location: Sec. 2, Block 5, Loma, Montana</td>
<td></td>
</tr>
<tr>
<td>Type of well</td>
<td>Driven well with sand point (Dug, driven, bored, or drilled)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Equipment used</td>
<td>we do not know (Churn drill, rotary, other)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic [x], Municipal [ ] Stock [ ] Irrigation [ ]</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Casing</td>
<td>ft. to ft., Type: I think about 2 inch pipe.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td>Ft. sand point to ft. Ft. to ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>about 25 feet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>lb/sq. in. on: (date)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>feet at gal. per min. do not know</td>
<td></td>
<td></td>
</tr>
<tr>
<td>How tested:</td>
<td>not tested</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

This was an electric pump well.

---

(over)
# WATER WELL LOG

**Owner:** Mrs. Sam Watson  
**Address:** Loma

**Driller**  
**Address**

Date Started  
Date Completed

Location: Sec. 7, T. 35 N., R. 10 E., M.M., sec. 9, Outlot 1, Loma

**Type of Well:** Driven  
**Equipment used:** Sand point removed

**Water Use:**  
- Domestic [ ]  
- Municipal [ ]  
- Stock [ ]  
- Irrigation [ ]  
- Industrial [ ]  
- Drainage [ ]  
- Other: Small garden

**Casing:**  
_ft. to_ft. Type Size

**Perforated or Screened:**  
_ft. to ft. to ft. to ft.

**Type of Screen or perforations**

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

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

**Pumping water level:**  
_ gal. per min. Not tested

How tested: Sandpoint tested; water flow is good for house & garden

**Length of Test**:  

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

This is one of the few soft water wells in Loma.

We do not have the history of this well except for details of abstract of title. The property has changed ownership several times in about 40 years.

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
</tbody>
</table>

**Water Well Log**

Mrs. Sam Watson

---

The Public

---

**STATE OF MONTANA, IN**
**COUNTY OF CHOUTEAU, IN**

**AUG 9, 1957**

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>316300</td>
<td></td>
</tr>
</tbody>
</table>

**Stated by:**

**H. W. Halder M. Harsen**

**County Clerk**

**Ezra M. Harris**

**Deputy**

**Filed**

**Nov 2**
# WATER WELL LOG

**Owner:** Mos Sam Watson  
**Address:** LOMA

**Driller:** Lloyd Bluggett  
**Address:** LOMA

**Date Started:** October 1, 1951  
**Date Completed:**

**Location:** Sec. 7, T. 25 N., R. 6 W., 1/4 sec. SW 1/4, Sec. 1, P. 156, LOMA

### Type of Well
- **Type:** Driven
- **Equipment Used:** Sand Point

### Water Use
- Domestic [ ]  
- Municipal [ ]  
- Stock [ ]  
- Irrigation [ ]  
- Industrial [ ]  
- Drainage [ ]  
- Other: [ ]

### Casing
- **Type:**  
- **Size:**
- **Length:**

### Perforated or Screened
- **Type:**  
- **Screen or Perforations:**
- **Length:**
- **Flow:**

### Static Water Level
- **Level:** 27 feet

### Shut-in Pressure
- **Level:**   
- **Pressure:**
- **Date:**

### Pumping Water Level
- **Level:**  
- **Rate:**
- **Date:**

### How Tested
- **Method:**

### Length of Test
- **Duration:**

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

This new well is for a permanent residence and not yet fully tested.

(over)
<table>
<thead>
<tr>
<th>Depth, Feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
</tbody>
</table>

**STATE OF MONTANA, T.**

**COUNTY OF CHOTOMIL, T.**

**AUG 9, 19**

**PRESENT: 3:30 p.m.**

<table>
<thead>
<tr>
<th>City</th>
<th>Name</th>
<th>Title</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mrs. Sam Watson</td>
<td>Co.</td>
</tr>
<tr>
<td></td>
<td>The Public</td>
<td></td>
</tr>
</tbody>
</table>

**STATE OF MONTANA, T.**

**COUNTY OF CHOTOMIL, T.**

**AUG 9, 19**

**PRICE: $5.00.**

**SIGNED: H. W. Higginbotham.**

**County Clerk.**

**BY: D. M. Harris.**

**Deputy.**
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>Mrs. Sam Watson</td>
</tr>
<tr>
<td>Driller</td>
<td>Unknown</td>
</tr>
<tr>
<td>Date Started</td>
<td>Date Completed</td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 7 T. 45 1/4 R. 10 2/4 S.W. Loma</td>
</tr>
<tr>
<td>Type of well</td>
<td>Sand, joint, drive</td>
</tr>
<tr>
<td>Equipment used</td>
<td>Churn drill</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic ✅  Municipal □  Stock □  Irrigation ☑️ Garden &amp; Lawn</td>
</tr>
<tr>
<td>Casing</td>
<td>ft. to ft. Type. Size.</td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td>Ft. to Ft. Type. Size.</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: (date)</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>25 feet at not rated gal. per min.</td>
</tr>
<tr>
<td>How tested</td>
<td></td>
</tr>
<tr>
<td>Length of test</td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
<tr>
<td>This old residence does not have a history for the well.</td>
<td></td>
</tr>
</tbody>
</table>

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
</tbody>
</table>

**Water Well Log**

MRS. SAM WATSON

to

The Public

---

**STATE OF MONTANA, COUNTY OF CHOTEAU**

Filed: AUG 8 1957

at 3:30 P.M.

Haldor M. Haugen

County Clerk

By: Irma M. Harris
Deputy

0.20 Paid
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Mrs. Sam Watson  Address: LOMA, Mont
Driller: Not Known now  Address: deceased
Date Started: A very old well  Date Completed: before 1915
Location: Sec. 7  T.25  R.10  W1/4 sec. SW 1/4 of Koma

Type of well: Sand point driven  Equipment used: renewed when needed
(Ream drill, rotary, other)

Water use: Domestic [✓]  Municipal [ ]  Stock [ ]
Industriality  Drainage [ ]  Other: small lawn or garden

Casing: ft. to ft. Type Size
Casing: ft. to ft. Type Size
Casing: ft. to ft. Type Size

Perforated or Screened: Ft. to Ft. to

Type of screen or perforations:
Static Water level, for non-flowing well:
Shut-in pressure, for flowing well: lb/sq. in. on: (date)
Pumping water level: 30 ft. last renew: 100 gal in 10 min. 10 gal per min. 23/4 gal on test
How tested: Draw several 5 gal pans for garden use 4 times
Length of test: Repeated different days
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

This old well has sulphates of calcium, magnesium, iron, and sodium. Water softener removes only the iron, apparently, as the white crystals persist.

(over)
Water Well Log

MRS. SAM WATSON

To

The Public

(State of Montana, T. and R., County of Lincoln, M., Aug. 9, 1899.

Filing Fee: $2.00

I. W. Hanson, County Clerk

Ira E. Harris, Deputy

Fill: 2.50 paid)
## WATER WELL LOG

**Owner**: Mrs. Sam Watson  
**Address**: Loma

**Driller**:
- Old sandpoint well  
- Address: deceased

**Date Started**:  
**Date Completed**:  
**Location**: Sec 7, T. 10 N., R. 6 E.,  
**Sw. 1/4, Chaffey Tract**

### Type of well

- **driven**: (Dug, driven, bored, or drilled)
- **sandpoint**: (Churn and, rotary, other)

### Water use

- Domestic [✓]
- Municipal [ ]
- Stock [ ]
- Irrigation [ ]
- Garden [ ]

### Casing

- ft. to __________ ft. Type: __________ Size: __________

### Perforated or Screened

- Ft. to __________ Ft. to __________
- Type: __________ Size: __________

### Water level

- **Static Water level**, for non-flowing well: __________ feet
- **Shut-in pressure**, for flowing well: __________ lb./sq. in. on: __________ (date)

### How tested:

- __________ at __________ gal. per min.

### Remarks:

- (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
- **Electric pump** is used

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
</table>

**Log of Well**

<table>
<thead>
<tr>
<th>Description of Material Drilled</th>
</tr>
</thead>
</table>

**STATE OF MONTANA, T.**

**COUNTY OF CHIUCHA,**

**AUG 9, 1957**

Fired at 3:30 PM

By Trina B. Harris

W.P. 9384
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Ted Richland, of Fort Benton, (Address) (Town)

County of Chouteau, 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 - irrigation

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

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 acreage and description of the lands to which water has been applied and name of the owner thereof

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

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

8. The depth of water table - varies from 15 to 20 feet

9. The size and depth of each well or the general specifications of any other works for the withdrawal of groundwater - 30 inches metal culvert used as curb, 39 feet deep, with electric pump and 2" casing

10. The estimated amount of groundwater withdrawn each year - 30,000 gallons

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

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

Signature of Owner: Ted Richland
Date: December 4, 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 School of Mines and Quadruplicate for the Appropnator.
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Fred Richland  of  Fort Benton  
   (Name of Appropriator)  (Address)  (Town)

   County of Chouteau  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 ... Irrigation of hay meadow

   2. Date or approximate date of earliest beneficial use; and how continuous the use has been ... Continuously since July, 1943.

   3. The amount of groundwater claimed (in miner’s inches or gallons per minute) ... 300 miner’s inches

   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 ... by means of diversion dam across mouth of coulee originating from mouth to north through Sections 13 and 10, Tp. 23 N., R. 10 W.

   6. The depth of water table ... not applicable

   7. The estimated amount of groundwater withdrawn each year ... not applicable

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

   9. 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: Fred Richland

   Date: December 5, 1962

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

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

   Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and Quadruplicate for the Appropriator.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Mrs. Sam Watson</th>
<th>Address</th>
<th>Loma</th>
</tr>
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<tbody>
<tr>
<td>Driller</td>
<td>Unknown disclosed</td>
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<tr>
<td>Date Started</td>
<td>One of the oldest drilled</td>
<td>Date Completed</td>
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<td>R 9 S</td>
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<td>NE 1</td>
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<td>Type of well</td>
<td>driven</td>
<td>Equipment used</td>
<td>sand point</td>
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<tr>
<td>(Dug, driven, bored, or drilled)</td>
<td>(Churn well, rotary, other)</td>
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</tr>
</tbody>
</table>
| Water use:     | Domestic [✓]    | Municipal | Stock | Irrigation [✓]
| Industrial     | [✓]             | Drainage | Stock | Irrigation | [✓] |
| Casing:        | ft. to ft.      | Type     | Size  |      |
| Casing:        | ft. to ft.      | Type     | Size  |      |
| Casing:        | ft. to ft.      | Type     | Size  |      |
| Perforated or Screened: | ft. to ft. | Ft. to Ft. |
| Type of screen or perforations | | |
| Static Water level, for non-flowing well: | feet |
| Shut-in pressure, for flowing well: | lb./sq. in. on: (date) |
| Pumping water level: | feet at | not tested | gal. per min |
| How tested: | have a water survey for home and garden use easily |
| Length of test |         | |
| Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off) | Electric pump is used |

(over)
<table>
<thead>
<tr>
<th>Depth Test</th>
<th>Description of Material Drilled</th>
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<tbody>
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<td>From</td>
<td>To</td>
</tr>
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</table>

**STATE OF MONTANA**, T. 1S

**COUNTY OF CHouteau**, 8S

**File**: AUG 9, 1957

at 3:30 A.M.

**Hilder M. Hanson**  County Clerk

By **Dean M. Harris**  Deputy

Vol: 0.50  Plus
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. James Wood, Jr., of Box 27, Loma
   (Name of Appropriator) (Address) (Town)
   County of Chouteau 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
   watering livestock

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

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   developed gravity spring SW 1/4 SE 19 T.25 R.10

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 at surface

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 system of perforated underground pipes...discharging into a tank

10. The estimated amount of groundwater withdrawn each year 300,000 gallons

11. The log of formations encountered in drilling of each well if available not available

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

Signature of Owner

Date

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.
These are the words on the page: "The defendant was found not guilty. He was acquitted by the jury."

Additional notes: The text is handwritten and appears to be a legal document or a court case summary.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. JAMES WOOD, JR., of Box 27, LOMA
(Name of Appropriator) (Address) (Town)
County of CHOUTEAU
(State) have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

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 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: JET 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 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: DUG, 3 ft. CASING, 30 ft. DEEP

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

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

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

Signature of Owner: [Signature]
Date: [Date]

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

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

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

a5990
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. C. H. Landy
   (Name of Appropriator)
   Loma
   (Address)
   (Town)

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

2. The beneficial use on which the claim is based

   Stockwater

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

   1908—continuous use

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

   not used

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

   catch basin, pipe and tank

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

   comes to surface, 12 inches below normal ground level

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

   catch basin formed by small dam and natural basin, 2 inch pipe to large tank

10. The estimated amount of groundwater withdrawn each year

    500,000 gallons

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

    not available

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

    none

Signature of Owner

Date: December 30, 1963

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

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

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

26525
### Declaration of Vested Groundwater Rights

#### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Name of Appropriator**: C. K. Bundy
   **Address**: 
   **Town**: 
   **State**: Montana
   **County**: Chouteau

   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: 1910—continuous use thereafter

   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: Not used

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: pump jack and 1½ inch pipe to tank

   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: 16 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: 42 inch concrete culvert, 20 feet in depth, pump jack and 1½ inch plastic pipe to tank

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

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

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

   **Signature of Owner**: C. K. Bundy
   **Date**: 30 December 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 School of Mines and Quadruplicate for the Appropriator.

---

<table>
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<tr>
<th>Grid Reference</th>
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</thead>
<tbody>
<tr>
<td>NW 1/4 SW SE 30</td>
<td>10 acres</td>
</tr>
</tbody>
</table>

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Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. JAMES WOOD, JR., of Box 27, LOMA, 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, irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1909, continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 200 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: 10 acres, Lot 2, Sec. 30, T25N, R10W, JAMES WOOD, JR.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1909

8. The depth of water table: 16 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: dug, 3' casing, 28' deep

10. The estimated amount of groundwater withdrawn each year: 300,000 gallons

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

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

Signature of Owner: JAMES WOOD, JR.

Date: 1/3/1963

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 School of Mines and quadruplicate for the Appropiator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
STATE ENGINEER

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

1. Boyd F. Crawford, of Fort Benton, 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: July, 1955

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: 1/16 acre

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: July, 1955

8. The depth of water table: 37 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled-well, 62 casing, 57 feet deep

10. The estimated amount of groundwater withdrawn each year: 1,260,000 gallons

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

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

Signature of Owner: Boyd F. Crawford
Date: 12-26-62

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. Boyd F. Crawford, of Fort Benton
   (Name of Appropriator) (Address)

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

2. The beneficial use on which the claim is based

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   NM 1900

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof...
   Not applicable

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
   1900

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
   Pipe Well, 2 7/8 in. diameter and 27 feet deep

10. The estimated amount of groundwater withdrawn each year
   225,000 gallons

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
   None

Signature of Owner: Boyd F. Crawford
Date: 12-26-63

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.
STATE OF MONTANA
ADMINISTRATOR OF WATER COMMISSION
OFFICE OF STATE ENGINEER

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

1. G. K. Landy
   (Name of Appropriator) of Loma
   (Address) (Town)

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

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

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

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

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

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.

26527
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<th>Sec.</th>
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<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>245 360</td>
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<td>6</td>
<td>Leonard C. Ayers</td>
<td>G-#2</td>
<td>27 275</td>
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<td>Neil Richly</td>
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</table>
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Guy Wilson, of Box 196, Fort Benton
   (Name of Appropriator) (Address) (Town)
   County of Chouteau, 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 for stock and humans.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1945 and 
      Continuously since.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 
      About 5000 gpd for stock purposes.

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

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

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

   8. The depth of water table: 
      Rises 150 ft. in hole;

   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 is 8" cased and 270 ft. deep.

   10. The estimated amount of groundwater withdrawn each year: About 2 million gallons.

   11. The log of formations encountered in the drilling of each well if available: 
      Water found at upper Colorado, a vein of poor water, then a lead clay, and drift from surface was cased out.

   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: Guy Wilson
   Date: Sept 12 - 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.
**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: Leonard G. Ayers
Address: Box 43, Fort Benton, Mt. 59442
Date well started: Sept. 1, 1969
Date well completed: Sept. 2, 1969

**Type of well:** Dug

**Equipment used:** Backhoe

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

**Describe**

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

**ESTIMATED ANNUAL WITHDRAWAL:** 10,000 gallons

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
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<tr>
<td>Hole</td>
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**Top of Ground (Loc. above sea level)**

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Driller's Signature: Leonard G. Ayers
Driller's Address: Box 43, Fort Benton, Mt. 59442

License No.: 56306
DECLARATION OF VESTED GROUNDWATER RIGHTS

Chapter 237, Montana Session Laws, 1961

Guy Willsom

To Boz, 1964, Fort Benton

County of Chouteau State of Montana

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

1. **Name of Appropriator:**
   - Chouteau

2. **Beneficial use on which the claim is based**: Well for human use

3. **Date or approximate date on which beneficial use was and how continuously the use has been engaged in**: About 1000 gal per day

4. **The amount of groundwater claimed (in inches or gallons per minute)**: About 1000 gal per day

5. **If used for irrigation, give the acreage and description of 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 construction of the well, wells, or other works for withdrawal of groundwater**:

8. **The depth of water table**: Rises 10 ft on well

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 withdrawal of groundwater**:

10. **The estimated amount of groundwater withdrawn each year**: About 200,000 gal per year

11. **The log or description of strata 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**:

   **Signatures**

   Guy Willsom

   Date Sept 12 - 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Neal Anderson & Sons, of Fort Benton
   (Name of Appropriate) (Address) (Town)

   County of Chouteau, State of Montana

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

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

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

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

   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: 
      Aug. 1918

   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: 
      Aug. well 30 feet deep

   10. The estimated amount of groundwater withdrawn each year: 300,000 gallons

   11. The log of formations encountered in the drilling of each well if available: 
      0 to 30 feet sandy clay

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

   Signature of Owner: Neal Anderson & Sons
   Date: Dec. 31, 1963

   This declaration is 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 same will be sworn.

   Original to the County Clerk and Recorder; duplicate to the State Engineer and TriPLICATE to the School of Mines and Quadruplicate for the Appropriate.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Noel Anderson & Sons
   (Name of Applicant)
   (Address)
   (Town)

   County of Chouteau, State of Montana
   has 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 1937 continual use

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

   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 Aug. 12

   8. The depth of water table 18 feet

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well 90 feet deep with six inch pipe

   10. The estimated amount of groundwater withdrawn each year 300,000 gallons

   11. The log of formations encountered in the drilling of each well if available 0 - 30 feet, sandy clay; 30 - 90 feet shale

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

   Signature of Owner by Noel Anderson & Sons
   Date Dec. 31, 1963

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

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

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