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

Owner: Louis P. Elf

Date of Notice of Appropriation of Groundwater: 

Date well started: 10-7-63
Date completed: 10-9-63

Type of well: DRILLED
Equipment used: DRILL
(dug, driven, bored or drilled)
(Churn, drill, rotary or other)

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.

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

Static Water Level for non-flowing Well: 80 feet

Shut-in Pressure for Flowing Well:

Pumping Water Level: 140 feet at 900 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Length of Test:

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

APPX. 1A @ 5 MARDEN 500 ft

Driller: Leonard

Driller's License Number

Driller's Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>County Clerk and Recorder</th>
</tr>
</thead>
</table>

**STATE OF MONTANA**

County of Dawson

FIlled for record this 26th day of December, A.D. 1967, at

County Clerk and Recorder.

By:

Deputy.
## GROUNDWATER INDEX

**County:** Dawson  
**Twp.:** 21N  
**Rge.:** 53E

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<th>Remarks</th>
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<tr>
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<td>2B Huck, Hubert &amp; Murtle</td>
<td>HU4</td>
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<td>3</td>
<td>Jansen, Simon P.</td>
<td>HU4</td>
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<td>5</td>
<td>Jansen, Simon P. et al.</td>
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<td>5</td>
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<td>6</td>
<td>Peckert Joe</td>
<td>HU4</td>
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<td>8</td>
<td>Jansen, Simon P.</td>
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<td>9</td>
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<td>Jansen, Richard</td>
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<td>see Sec. 3 above.</td>
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<td>14</td>
<td>Jansen, Fannie</td>
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<tr>
<td>15</td>
<td>Peckert Joe</td>
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<td>23</td>
<td>Feiring, Alex</td>
<td>HU4</td>
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<tr>
<td>26</td>
<td>Huffman, Albert</td>
<td>HU4</td>
<td>286968</td>
<td></td>
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<td>32</td>
<td>Siefert, Jonathan</td>
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<td>37</td>
<td>Huffman, Albert</td>
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<td>30</td>
<td>Plutt, Edward</td>
<td>HU4</td>
<td>286320</td>
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<td>31</td>
<td>Schlecht, Maria</td>
<td>HU4</td>
<td>286528</td>
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<tr>
<td>32</td>
<td>Rochelt, Alvin, Jr.</td>
<td>HU4</td>
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</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

JAN 14 1964

STATE ENGINEER

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

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

   Stock

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

   1925

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

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

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

   well with pump

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

   1965

   8. The depth of water table:

   25 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:

   well depth 67 ft 12 inch heel curve

   10. The estimated amount of groundwater withdrawn each year:

   345,000 gal

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

   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:

   none available

   Signature of Owner:

   Date: Dec. 30, 1965

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

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

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

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

1. Simon P. Tieszen of Richy

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

3. Date or approximate date of earliest beneficial use: These wells listed here have been used since 1913

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 2 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: DOES NOT APPLY

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 2 WELLS ARE EQUIPPED WITH PUMP AND ONE HAS A WINDMILL 3 WELLS PUMPED BY HAND

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: THESE WELLS WERE ON THE PLACE WHEN WE PURCHASED THE LAND, SO DATE IS NOT KNOWN

8. The depth of water table: 3 WELLS AT 4 FEET 2 WELLS AT 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: 3-1/2 3 DUG WELLS 1 FEET DEEP 1/2 DRILLED WELL 30 FEET DEEP

10. The estimated amount of groundwater withdrawn each year: 1051200 GALLONS

11. The log of formations encountered in the drilling of each well if available: 2 OF 4 FOOT WELLS HIT COAL AT 4 FEET OTHERS UNKNOWN

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

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Mrs. Gora Gaub, et al
(Name of Appropriator)

County of Dawson
(State of Montana)

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

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
<th>E</th>
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</thead>
<tbody>
<tr>
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<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based. A. Watering farm animals. B. House use and irrigating garden.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been. A. 1927. B. 1956, has been continuous since then.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). A. 5 gal. per minute. B. 8 gal. per minute.

5. If used for irrigation, give the acres and description of the lands to which water has been applied and name of the owner thereof. A. About 1/4 of garden plot, owner Mrs. Gora Gaub, et al.; Description at left.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. A. Pump run by electric motor and pump-jack, SE, SE, SW SW Sec. 5, T. 21, R. 53. B. Jet pump, electric, SE, SE, SW SW, 5-21-53.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. A. March 1927. B. June 1956.

8. The depth of water table. A. 70 ft. B. 125 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. A. Drilled, 18" diam., 82 ft. deep, ordinary pump run by electric motor and pump-jack, 1 1/2" pipe. B. Drilled, 4" casing, 18" plastic pipe, 162 feet deep, operated by electric jet pump.

10. The estimated amount of groundwater withdrawn each year. A. 1/2 A. ft. B. 1A. ft.

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.

A. No knowledge of other information. B. No knowledge of other information.

Signature of Owner: Gora Gaub, et al.

Date: December 18, 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; Tripllicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
County of Dawson
Filed for record this 18th day of
December A.D. 1958, at
1200 o'clock P.M.

County Clerk and Recorder.

Deputy.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1967
(Rec. Chapter 237, Montana Session Laws, 1961)
Owner: 
Driller: Darby Whitman
Address: Address:

Date of Notice of appropriation of groundwater: Jan. 29, 1967
Date well started: Feb. 14, 1967 Date completed: April 15, 1967
Type of well: Drilled Equipment used: Cable Drill
Water use: Domestic ■ Municipal ■ Stock ■ Irrigation ■
Industrial ■ Drainage ■ Other ■

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

<table>
<thead>
<tr>
<th>Depth (Feet)</th>
<th>Water Level Type</th>
<th>Size of Drilled Hole</th>
<th>Kind of Casing</th>
</tr>
</thead>
<tbody>
<tr>
<td>10'</td>
<td>Static Head 69'</td>
<td>5&quot; I.D. 96'</td>
<td>26'</td>
</tr>
<tr>
<td>15'</td>
<td>Pumped 20 gal.</td>
<td>20 g.p.m. per min.</td>
<td>6' long</td>
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</tbody>
</table>

Static Water Level for non-flowing well
January 29, 1967

Shut-in Pressure for Flowing Well

Pumping Water Level at 20 gal. per minute

Discharge in gal. per min. of flowing well

How Tested: Balance test at 30 ft.

Length of Test: 30 ft.

Remarks: Gravel packing, cementing, packers, type of shutter, gravel packed

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

9.5 acrefeet 1.4 acre
Indicated outside water use. 9.5 acrefeet 1.4 acre
9.5 acrefeet 1.4 acre

Casing 20 gal., class: other (Continue on reverse side)

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

Owner's signature:

Driller's License Number:

Driller's Signature:

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STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Effective December 4, 1963)

(Under Chapter 237, Montana Session Laws, 1963)

1. Name of Appropriator: Joe Dickert
   Address: 111 Main St, Fishers
   County: Lewis
   State: Montana

2. The beneficial use on which the claim is based: Irrigation
   Name of Irrigator: Joe Dickert

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

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: 10 acres

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Pump 150 feet deep

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: January 1, 1938

8. The depth of water table: 100 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

10. The estimated amount of groundwater withdrawn each year: 450,000

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: Nothing

Signature of Owner: Joe Dickert
Date: December 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 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. **Simon P. Tieszen**, of **Richey**
   - County of **Dawson**
   - State of **Montana**
   - These have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

   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: **Nov. 6, 1952**

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): **3 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: **Does not apply**

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **Started construction on Oct. 30, 1952. Completed construction on Nov. 6, 1952**

   8. The depth of water table: **60 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: **6 INCH HOLE DRILLED TO A DEPTH OF 196 FEET Cased with steel casing**

   10. The estimated amount of groundwater withdrawn each year: **54,600 GALLONS**

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

   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: **Simon P. Tieszen**
   Date: **Feb. 8, 1963**

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

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

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

Filed for record this 8th day of 1963, at 10:20 o'clock A.M.

County Clerk and Recorder,

Deed

<p>| | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>B</td>
</tr>
<tr>
<td>C</td>
<td>D</td>
</tr>
</tbody>
</table>

282340

A. W. Lancaster

By: Alice Austin

Deputy.
# MONTANA BUREAU OF MINES AND GEOLOGY
## Suite, Montana

## WATER WELL LOG

<table>
<thead>
<tr>
<th>Location:</th>
<th>Section 19 T. 21 R. 53, 34 sec. N.E. 1/4</th>
</tr>
</thead>
</table>

### Type of well
- **Bored**

### Equipment used
- **Other**

### Water use
- Domestic
- Stock
- Irrigation

### Casing
- Depth: 90 ft. to: ft.
- Type: Wood
- Size: 2 1/2 in. diameter

### Perforated or Screened
- Ft. to ft.

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

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

### Pumping water level:
- feet at:
- gal. per min.

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

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(over)
**Notice of Completion of Groundwater Appropriation by Means of Well**

**Owner:** Richard Teissen  
**Address:**  
**Driller:** E.C. Gendron  
**Address:** 

- **Date of Notice of Appropriation:** Oct. 10, 1967  
- **Date completed:** Oct. 13, 1967  
- **Well Type:** Drilled

**Location:** Richay, Mont.  
**Date filed for record:** MAR 24 1970

---

**Log**

- **Top of Ground Above Sea Level:** 0
- **0-27 brown sandy clay**
- **27-55 gray shale**
- **55-103 gray shale**
- **103-120 gravel and water**
- **120-150 gray shale**

---

**Perforations**

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Form</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>6&quot; i.d.</td>
<td>0</td>
<td>105</td>
<td>none</td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well:** 50 ft.

**Shut-In Pressure for Flowing Well:** 100 ft.

**Pumping Water Level:** 1 gpm.

**Discharge in gal. per min. of flow:** 1 gpm

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

---

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

---

**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:**  
**Date:** 4-26-7
WATER WELL LOG

Owner: SIMON P TIESSEN  Address: RICE, MONTANA

EDriller:  Address:  

Date Started:  Date Completed:  

Location: Sec. 14, T. 21  R. 53  W. 4

Type of well: BORED  Equipment used: OTHER

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

Water use: Domestic  Municipal  Stock  Irrigation  Industrial  Drainage  Other:  

Casing: depth 90 ft. to  ft.  Type  Weight  Size  2 1/2 in. diameter

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  gal. per min.

How tested:  

Length of test:  

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

(over)
**MONTANA BUREAU OF MINES AND GEOLOGY**

**WATER WELL LOG**

**Owner:**  LEONARD UNRUH  
**Address:** BLOOMFIELD, MONTANA

**Driller:** R. C. EVANS  
**Address:** SIDNEY, MONTANA

**Date Started:** Sept. 9, 1956  
**Date Completed:** Sept. 15, 1956

**Location:** Sec. 17  
**T. 31:** R. 53  
**1/4 sec. NE 4

**Type of well:** Drilled  
**Equipment used:** Churn drill

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

**Casing:**  
- Depth: 0 ft. to 3.95 ft.  
- Type: Black T & C  
- Size: 6" steel

**Perforated or Screened:**  
- Depth: 280 ft. to 130 ft.

**Type of screen or perforations:**  
- Perforations

**Static Water level, for non-flowing wel:** 130 feet

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

**Pumping water level:**  
- feet at:  
- gal. per min. 20

**How tested:**  

**Length of test:** 2 days

**Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 58</td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>58 - 70</td>
<td>Blue Clay</td>
</tr>
<tr>
<td>70 - 14½</td>
<td>Blue Granite rock</td>
</tr>
<tr>
<td>14½ - 134</td>
<td>Blue Clay</td>
</tr>
<tr>
<td>134 - 152</td>
<td>Coal &amp; some water</td>
</tr>
<tr>
<td>152 - 200</td>
<td>Blue Clay</td>
</tr>
<tr>
<td>200 - 295</td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>295 - 309½</td>
<td>Water sand and water</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Name of Appropriator: Joe Debt
   Address: [Address]
   County of Montana: [County]
   State of Montana: [State]

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: [Beneficial Use]

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

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

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

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

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

8. The depth of water table: [Depth]

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

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

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

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

Signature of Owner: Joe Debt
Date: December 2, 1962

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

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

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

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1963)

1. Abe Friesinger, (Name of Appropriator) of Plaity (Address) County of Dawson State of Montana
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:
   Household and Livestock

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: July 1, 1949. Continuous
   daily use since that date.

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:
   Used only to irrigate garden lawn.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Submersible pump. N.W. 3/4 T. 21 R. 53

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: Sixty 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:
   Bore size: 18 inches. dia. - 60 ft.

10. The estimated amount of groundwater withdrawn each year: 105,000 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:

Signature of Owner: Abe Friesinger
Date: 25 Oct 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, 1961)

1. Albert Huffman
   (Name of Appropriator)
   of 8th 100 25  Rich Vichy
   (Address)
   County of Dawson
   State of Montana

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 is: 
   Agricultural

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1-1919 (to 1942 Bore 3: 1942 Drilled)

4. The amount of groundwater claimed (in miner's inches or gallons per minute) No. 1: 6 gpm No. 2: 3 gpm
   No. 3: 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
   None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   1928 Drop Face and Electric Motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   No. 1: 1928
   No. 2: 1942
   No. 3: 1942

8. The depth of water table
   No. 1: 100 ft
   No. 2: 175 ft
   No. 3: 200 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
   No. 1: 30 in. Depth 175
   No. 2: 5 in. Depth 275
   No. 3: 6 in. Depth 235

10. The estimated amount of groundwater withdrawn each year
    No. 1: 18,250
    No. 2: 7,000

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

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: Albert Huffman
Date: Dec 31, 1964

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

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

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

Filed for record this 21st day of December, A.D. 1962, at 4:30 o'clock P.M.

[Signature]
County Clerk and Recorder.

By ______________, Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

JONATHAN J. SCHWARTZ
613 E. Valentine Avenue

County of Dawson

Declaration of Vested Groundwater Rights

I, Jonathan J. Schwartz, do hereby declare and certify that I have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. Name of Appropriate)

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1948, continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 5 gal. per min.

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

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

    Withdrawal
    
    7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Fall, 1948

7. The depth of water table: 90'

8. 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:

    Top: 101' deep

9. The estimated amount of groundwater withdrawn each year: 75,000 gal.

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

11. 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:

    Note

Signature of Owner: Jonathan J. Schwartz

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 Approporator.

3/12/0
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 23-7 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 12-30-63

Owner: Edward Jessie
Address: Lusk, Mont.

Contractor (if any) ________________________________
Address of Contractor ________________________________

Date Started ____________________ Date Completed ____________________

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

Springs

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.

8 gal. per min. - by watching and timing it fill a 10 gal. pail. 12 months annually.

Signature of Owner: Edward Jessie
Date: 12-30-63

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 Appropriate.
Declaration of Vested Groundwater Rights
(Under Chapter 287, Montana Session Laws, 1961)

Name: Katherine Schultz
Address: 123 N. Kendrick, Polson
Town: (Town)
County: (County)
State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1862, as follows:

1. Name of Appropriator
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 since 1862.

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: Katherine Schultz
Date: Nov. 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.

Origin: 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)

Name of Appropriator: Alvin E. Luecht
Address: 600 River Rd.
County of: Ravalli
State of: Montana

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

1. Name of Appropriator: Alvin E. Luecht
2. The beneficial use on which the claim is based: Home use
3. Date or approximate date of earliest beneficial use: April 1930
4. The amount of groundwater claimed (in millions of gallons per month): 100 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, Allotment
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: 1930
8. The depth of water table: 40 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 100 ft
10. The estimated amount of groundwater withdrawn each year: 4000
11. The log of formations encountered in the drilling of each well if available: No 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: Alvin E. Luecht
Date: 12-16-1963

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.

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
<th>E</th>
<th>S</th>
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</thead>
<tbody>
<tr>
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</tbody>
</table>

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.
STATE OF MONTANA
County of Dawson

Filed for record this 23rd day of
December, A. D. 1962, at

Gordon V. Russell
County Clerk and Recorder.

By S. E. Schuster, Deputy.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>Buhler, Virgil</td>
<td>HW2</td>
<td>206259</td>
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<tr>
<td>12</td>
<td>Buhler, Virgil</td>
<td>HW4</td>
<td>286549</td>
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<td>15</td>
<td>Eastern Montana Power</td>
<td>HW4</td>
<td>286617</td>
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<tr>
<td>31</td>
<td>Lancer, Elvis</td>
<td>HW3</td>
<td>286600</td>
<td></td>
</tr>
<tr>
<td>32</td>
<td>Smart, Linie Herges</td>
<td>HW3</td>
<td>286784</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>Lancer, Elvis</td>
<td>HW4</td>
<td>286600</td>
<td>sec. 31 above</td>
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<td>606b</td>
<td>Western Drilling Co</td>
<td>57Welling</td>
<td>271997</td>
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<tr>
<td>19</td>
<td>Smart, Linie Herges</td>
<td>HW2</td>
<td>286799</td>
<td>sec 19 Twp. 64</td>
</tr>
</tbody>
</table>

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

Owner: Virgil Huffman
Address: Michael, Montana
Driller: Daniel G. Haggerty
Address: Lindsay, Montana

Top of ground:
- Gravel and clay
- Yellow clay and sand
- Water bearing

Date of Notice of appropriation of groundwater: 4/21/69
Date well started: 4/21/69
Date completed: 4/22/69

Type of well drilled: Churn drill
Equipment used: Churn drill, driven or bored

Water use:
- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>5 1/2 OD 15'</td>
<td>+2</td>
<td>42</td>
<td>1/8&quot; 18 42</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
35 feet.

Shut-in Pressure for Flowing Well
Not applicable

Pumping Water Level
25 feet at 4 gal. per minute.

Discharge in gal. per min. of flowing well
Not applicable

How Tested:
Bailed & pumped

Length of Test
3 hrs.

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

SW, Sec 8, T. 21 N
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(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).

Not applicable

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, along with the retained copy to be kept by driller.

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

Driller's License Number
Daniel G. Haggerty
Driller's Signature
4/2, 2.33
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: [Name]
Address: [Address]

Driller: Daniel G. Maggerty
Address: [Address]

Date of Notice of Appropriation of Groundwater: Dec. 31, 1963

Date well started: [Date]
Date completed: [Date]

Type of well: drilled
Equipment used: cable tool rig
(flag, driven, bored or drilled)

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

Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc.

Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>Depth (Feet)</th>
<th>Tan (Feet)</th>
<th>Kind of casings</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>1/8&quot;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: __ feet.
Shut-in Pressure for flowing well: not applicable.
Pumping Water Level: __ feet above sea level.
Discharge in gal. per min. of flowing well: not applicable.
How Tested: bailer.
Length of Test: __ hours.

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

[Diagram]

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>No.</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Property Description</td>
</tr>
<tr>
<td>2</td>
<td>Location</td>
</tr>
<tr>
<td>3</td>
<td>Ownership</td>
</tr>
</tbody>
</table>

**STAT OF MONTANA**

**County of Dawson**

Filed for record this 24 day of November 1983

[Signature]

W. Russell

County Clerk and Recorder

By: Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Eastern Montana Bible Camp, Inc., of Lambert
   (Name of Appropriator) (Address) (Town)

   County of Dawson 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 for camp use.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 13, 1956

   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: No

   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: June 9, 1956—Completed June 13, 1956

   8. The depth of water table: 186 feet

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled, 6-inch casing, 186 feet deep

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

   11. The log of formations encountered in the drilling of each well if available: Yellow clay to 56', 56 to 57 coal and a little water, 57 to 120' tough blue clay, 120 to 136 brown clay, 136 to 176 blue clay, 176 to 176 water sand, 176 to 186 hard sand and clay

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

   Signature of Owner: Truman M. Doherty, President
   Date: Nov. 27, 1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
STATE OF MONTANA
County of Dawson
Filed for record this ___ day of
December A. D. 1963 at
3:15 o'clock P.M.

HARWOOD A. RUSSELL
County Clerk and Recorder.

By: [Signature]
Deputy, dated [Date]
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater... 1938

Owner: Jane D. Smart, Address: Bloomfield, Mont

Contractor (if any)...

Address of Contractor:...

Date Started: June 1, 1963, Date Completed: June 30, 1963

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

(1) Drilled or dug open pit tank
(2) Drained out from spring, spring tank
(3) Drainage from above about level top and
underground
(4) Spreading the water around about level surface and
underground

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.

(13) The full year round used
(14) Other year round
(15) Other month round
(16) Other

Signature of Owner...

Date... 12-28-63

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

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 227 Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Date of Appropriation of Groundwater:</th>
<th>1962</th>
</tr>
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<tbody>
<tr>
<td>Owner:</td>
<td>James D. Smart</td>
</tr>
<tr>
<td>Contractor (if any)</td>
<td></td>
</tr>
<tr>
<td>Address of Contractor</td>
<td>Placer County</td>
</tr>
<tr>
<td>Date Started</td>
<td>June 1962</td>
</tr>
<tr>
<td>Date Completed</td>
<td>1963</td>
</tr>
</tbody>
</table>

Describe method of obtaining groundwater, sub-irrigation and other natural processes of water use applicable:

- [ ] Irrigate rice into field
- [ ] Fertilize
- [ ] Other

Quantity of water developed and used with explanation of method used to measure or estimate such amount if use is intermittent:

- [ ] Spring new year
- [ ] Irrigate rice by flood method
- [ ] Irrigate rice by sub-irrigation

Estimate approximate length of periods of use:

- [ ] Spring new year
- [ ] Irrigate rice by flood method
- [ ] Irrigate rice by sub-irrigation

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, state, otherwise the form will be returned.

This form is to be returned to the County Clerk and Recorder, duplicate to the State Engineer, triplicate to the Bureau of Mines and Geology and quadruplicate for the Appropriator.
**Declaration of Vested Groundwater Rights**

(Name of Appropriator)  
(Address)  
(Town)  
(State)  
(County)  

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

<table>
<thead>
<tr>
<th>Sec. 31</th>
<th>Sec. 33</th>
</tr>
</thead>
<tbody>
<tr>
<td>T. 21</td>
<td>R. 576</td>
</tr>
</tbody>
</table>

2. The purpose or use on which the claim is based.  
   A. House and farm  
   B. Livestock  
   C. Livestock  
   D. Household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.  
   A. 1940  
   B. 1941  
   C. 1945  
   D. 1952

4. The amount of groundwater claimed (in million acre-feet or gallons per minute).  
   A. 100 gal. per minute  
   B. 30 gal. per minute  
   C. 20 gal. per minute  
   D. 20 gal. 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.  
   ABCD No Applies

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.  
   A. Pump 1.75 hp  
   B. Pump 1.5 hp  
   C. Pump 1.5 hp  
   D. Jet Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.  
   A. 1940  
   B. 1941  
   C. 1945  
   D. 1952

8. The depth of water table.  
   A. 30'  
   B. 30'  
   C. 30'  
   D. 30'

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. 95 ft. Bored 15"  
   B. Bored 15"  
   C. 30"  
   D. 30"  
   E. 60"  
   F. 60"  
   G. 60"  
   H. 60"  
   I. 60"  
   J. 60"

10. The estimated amount of groundwater withdrawn each year.  
    A. 500,000 gal.  
    B. 400,000 gal.  
    C. 500,000 gal.  
    D. 100,000 gal.

11. The log of formations encountered in the drilling of each well if available.  
    A. 80 gal.  
    B. 70 gal.  
    C. 60 gal.  
    D. 50 gal.  
    E. 40 gal.  
    F. 30 gal.  
    G. 20 gal.  
    H. 10 gal.  
    I. 5 gal.  
    J. 2 gal.

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.  
   ABCD No Applies

Signature of Owner:  

Date: 2-3-63

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology; and quadruplicate for the Appropriator.
STATE OF MONTANA:
County of Dawson
Filed for record this 27th day of December A. D. 1963 at 4:00 o'clock P.M.

County Clerk and Recorder.

By ____________________ Deputy.
File No. 514

DUPLICATE

STATE OF MONTANA

ADMINISTRATOR OF GRANTS

OFFICE OF STATE ENGINEER

Office of State Engineer

JAN 14, 1964

STATE OF MONTANA

County of Dawson

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

1. Name of Appropriator: Louis D. Smoot
2. Address: Dawson
3. Date or approximate date of earliest beneficial use: 1912
4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 gal. per min.
5. If used for irrigation, give the amount 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 works for withdrawal:
7. The date of commencement and completion of the construction of the well, works, or other works for withdrawal:
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:

By Louis D. Smoot

Signature of Owner

Date: 12-30-64

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: 1/14

Owner: L. R. Lemma
Address: Bloomfield

Contractor (if any): NAME
Address of Contractor

Date Started: Date Completed:

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

Springs in Creek

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.

Continuous

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

Signature of Owner: L. R. Lemma
Date: 2/7/64

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

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

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

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

**STATE ENGINEER**

**MONTANA BUREAU OF MINES AND GEOLOGY**

_Butte, Montana_

**Owner**: VEERBAY COMPANY  
**Address**:  

**Driller**: SHERMAN BEEZLEY  
**Address**:  

**Date Started**: 12-1-60  
**Date Completed**: 12-18-60

**Location**: Sec. __R. __

---

**Type of Well**

- Domestic
- Municipal
- Stock [X]
- Irrigation
- Industrial
- Drainage
- Other:

**Equipment Used**

- Casing drill, rotary, other
- Pumping water level

---

**Casing**

- Depth: 0 ft. to 314 ft.  
- Type: steel  
- Size: 4″ casing

**Casing**

- Depth: ft. to ft.  
- Type:  
- Size: 

**Perforated or Screened**

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

**Type of Screen or Perforations**: 

**Static Water Level, for non-flowing well**: 201 ft.

**Shut-in Pressure, for flowing well**: 4 lb/sq. in. abs. (date)  

**Pumping Water Level**: 230 ft. at 4 gal. per min.

**How Tested**:  

**Length of Test**: 

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

---

(over)
<table>
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<tr>
<th>Casing</th>
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<th>Type</th>
<th>Steel</th>
<th>Size</th>
<th>4&quot; O.D.</th>
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</thead>
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<td>ft. to ft.</td>
<td>Type</td>
<td></td>
<td>Size</td>
<td></td>
</tr>
</tbody>
</table>

**Perforated or Screened:**

**Type of screen or perforations:**

**Static Water level, for non-flowing well:** 2041.7 feet

**Shut-in pressure, for flowing well:**

**Pumping water level:** 230 feet at 4 gal. per min

**How tested:**

**Length of test:**

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

Commissioner of Public Lands

A.D. 19--

[Signature]

[Stamp]
<table>
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<tr>
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<th>Depth (ft)</th>
<th>Description</th>
<th>Sand Characteristic</th>
<th>% Sand</th>
<th>% Clay</th>
<th>% Silt</th>
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**Note:**
The above table represents the layers of soil with their respective depths and characteristics. Each layer is identified by its depth range and the percentage of sand, clay, and silt. The table is used to assess the soil composition for various applications such as agriculture, construction, and environmental studies.
<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>
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<td>H3</td>
<td>286813</td>
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<tr>
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<tr>
<td></td>
<td>Edward Close,</td>
<td>H3</td>
<td>286813</td>
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</tr>
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<td>Paulson, Arthur</td>
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<td>Dec. 15 Above</td>
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<tr>
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<td>H3</td>
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<td>Dieder, Emil M.</td>
<td>H3</td>
<td>286459</td>
<td>Dec. 15 Above</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 12-30-40
Owner: CLARA THIessen
Address: LAMBERT MONT
Contractor (if any): BERT FULLER (DECEASED)
Address of Contractor: LAMBERT MONT
Date Started: 7-1-40
Date Completed: 12-30-40

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. SPRINGS DEVELOPED FOR LIVESTOCK USE AND WHERE POSSIBLE FLOOD IRRIGATION

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 EACH SPRING FLOWS AT LEAST 5 GALLONS PER MINUTE, SPRING MARKED 10 RUNS INTO DAM FOR YEAR ROUND USE

Signature of Owner: ____________________________
Date: 12-30-63

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

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

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

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

**State of Montana**

**Administrator of Groundwater Code**

**Office of State Engineer**

- **File No.**
- **County:** Dawson + Richland

**Received JAN 14 1964**

**CLARA THIESSEN, HELEN F. BULSON**

**LIZABETH J. FAY, JERROLD M. BOUCHARD**

**LAMBERT, MONT**

**(Name of Appropriator)**

**(Address)**

**(Town) Dawson (Richland) State of Mont**

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

<table>
<thead>
<tr>
<th>Section</th>
<th>Township</th>
<th>Range</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 + 35° T. 21 N. R. 56E</td>
<td>20</td>
<td>21</td>
<td>Appalachian</td>
</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based is: **operation of ranch for house and livestock use**

3. Date or approximate date of earliest beneficial use: and how continuous the use has been: **12.32 pm**

4. The amount of groundwater claimed (in miner's inches or gallons per minute) at least **5 gallons per minute per well**

5. If used for irrigation, give the area and description of the land to which water has been applied and name of the owner: **10 acres, garden area**

6. The means of withdrawing such water from the ground and the location of the well or other means of withdrawal: **wells marked with windmills; wells marked with motor driven pumps**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **Prior to 1960**

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: **section 1 well 10 feet deep; FT water remains constant; section 25 well 65 FT deep; never pumps dry with windmill; section 30 well 60 FT deep; never pumps dry with pump jack**

10. The estimated amount of groundwater withdrawn each year: **3,000,000**

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

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: **unknown**

**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.