**Notice of Completion of Groundwater Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>(Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>200</td>
<td>400 gray shell</td>
</tr>
<tr>
<td>400</td>
<td>408 rock</td>
</tr>
<tr>
<td>490</td>
<td>430 gray chalk</td>
</tr>
<tr>
<td>530</td>
<td>534 rock</td>
</tr>
<tr>
<td>535</td>
<td>505 gray chalk</td>
</tr>
<tr>
<td>545</td>
<td>571 rock</td>
</tr>
<tr>
<td>575</td>
<td>597 rock</td>
</tr>
<tr>
<td>598</td>
<td>600 gray shell</td>
</tr>
<tr>
<td>610</td>
<td>619 rock</td>
</tr>
</tbody>
</table>

**Notice of completion of groundwater appropriation by means of well.**

Date of Notice of appropriation of groundwater: 1/1/1969

Date well started: 1/1/1969

Date completed: 1/1/1969

**Type of well:** Drilled

**Equipment used:** Churn drill

**Water use:** Domestic

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

<table>
<thead>
<tr>
<th>Depth of Drilling (Feet)</th>
<th>Size and Weight of Churn (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind Rise (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.00</td>
<td>860 (or 790 for churn diagram)</td>
<td>100</td>
<td>860</td>
<td>533</td>
<td>7.33</td>
<td>860</td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well**

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested:

Length of Test:

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

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

Show exact depth of bottom.

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
STATE OF MONTANA, County of Richland, ss.

Filed this 21st day of March A.D. 1969 at 2:00 o'clock, p.m.

[Signature]

County Clerk

Deputy
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **Dean Youngquist,** of **Skarab Garnet**, **Sidney**
   
   **County of Richland** State of **Montana**
   
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   - **2.** The beneficial use on which the claim is based: **Stock Water**
   - **3.** Date or approximate date of earliest beneficial use; and how continuous the use has been: **1949**
   - **4.** The amount of groundwater claimed (in miner's inches or gallons per minute): **8 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: **Not Applicable**
   - **6.** The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: **Wildmill & Pump**
   - **7.** The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **1949**
   - **8.** The depth of water table: **140'**
   - **9.** So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: **5/16 Casing, 180'**
   - **10.** The estimated amount of groundwater withdrawn each year: **300,000 Gals.**
   - **11.** The log of formations encountered in the drilling of each well if available: **Not Available**
   - **12.** Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: **Not Known**

   **Signature of Owner:**
   **Date:**

---

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

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

Hugh B. Bray, Star Led - Sidney,

County of Richland, State of Montana

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

1. Stock Water
2. The beneficial use on which the claim is based: Agriculture - Stockwater
3. Date or approximate date of earliest beneficial use, and how continuous the use has been: Purchased in 1957
4. The amount of groundwater claimed (in miner's inches or gallons per minute): 80 Gallon 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 withdrawal; 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: 20'

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: 8,100,000 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

Signature of Owner: Hugh B. Bray
Date: 12-3-63

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.
STATE OF MONTANA,
County of [blank],
Filed this 31st day of December, A.D. 1935,
at 10:00 A.M.
By [blank] Recorder
[Signature]
Deputy
Declared of Vested Groundwater Rights

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

County of

State of

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

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

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

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

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner

Date

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

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

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

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater
Owner
Hugh B. Brown
Sidney, Mont.
Contractor (if any)
None
Address of Contractor
Date Started
1962
Date Completed
1963

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

Natural Flow from
Bottom of Riquer Equip. unknown
(Castine to head of field)

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.

Year around, used approx. 7 months per year.

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

Signature of Owner
Hugh B. Brown
Date 30 Nov 1963

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

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

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

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

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)

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

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

Owner: Ray Salt

Address: Spear Route

Sidney, Montana 59270

Date well started: Dec. 22, 1970

completed: Jan. 8, 1971

Type of well: Drilled

Equipment used: Rotary (Drill, drive, bored or drilled)

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

*Describe Artisan

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 6,530,000

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Location of Drilled Hole</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 in.</td>
<td>h in.</td>
<td>0</td>
<td>31</td>
</tr>
<tr>
<td></td>
<td>10 lbs.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1/2 galv.</td>
<td>1190</td>
<td></td>
</tr>
<tr>
<td></td>
<td>casing</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PERFORATIONS

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Location of Drilled Hole</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>1190 torch</td>
<td>1160</td>
<td>1190</td>
</tr>
</tbody>
</table>

Shut in pressure 28 lbs/ft.²
Stale water level ______ ft.
Pumping water level ______ ft.
Flow: 15 gpm per minute, measured ______ minutes after pumping began.
*Measured from ground level.

Well developed by ______ for ______ hours.

Power: ______ HP

Remarks: (Gravel packing, casing, packers, type of shutoff) ______

Driller’s Signature: ______

Driller’s Address: Box 719, Sidney, Montana 59270

LICENSE NO. 92

Top of Ground

<table>
<thead>
<tr>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>16</td>
</tr>
<tr>
<td>16</td>
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<tr>
<td>30</td>
<td>33</td>
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<td>33</td>
<td>110</td>
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<tr>
<td>110</td>
<td>151</td>
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<tr>
<td>151</td>
<td>206</td>
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<td>206</td>
<td>209</td>
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<td>206</td>
<td>211</td>
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<tr>
<td>211</td>
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<td>315</td>
<td>100</td>
</tr>
<tr>
<td>100</td>
<td>971</td>
</tr>
<tr>
<td>971</td>
<td>874</td>
</tr>
<tr>
<td>874</td>
<td>897</td>
</tr>
<tr>
<td>897</td>
<td>895</td>
</tr>
<tr>
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<td>894</td>
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<td>894</td>
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<td>1027</td>
<td>1150</td>
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<td>1150</td>
<td>1150</td>
</tr>
<tr>
<td>1150</td>
<td>1190</td>
</tr>
<tr>
<td>1190</td>
<td>1190</td>
</tr>
</tbody>
</table>

Show exact depth of bottom

18015
STATE OF MONTANA,
County of Richland,

Filed this day of January, A.D. 19_1
at ___ o'clock, __M.

[Signature]
Kevin L. Downie
County Recorder

Fees: $2.00
Filed
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE,
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation—Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater:

Owner:
Hugh B. Brown, Daley Frost,
Address of Owner:

Contractor (if any):

Address of Contractor:

Date Approp. 1962
Date Completed 1963

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

Bottom of Aquifer Depth

Underground

(Water 10 feet Circle)

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.

Year ground water used against

1. The first year

Signature of Owner

Date

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
296399

State of California

County of Placer

Filed

31st day of December A.D. 1963

at 9:30 A.M.

By

County Recorder

Deeds

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

Hugh B. Brown, State Re. - Sidney,
(Name of Appropriator)  
(Address)  
(Town)

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

2. The beneficial use on which the claim is based: STOCK WATER & AGRICULTURAL PURPOSES

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: PURCHASED IN 1859

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1960. COMPLETED YEAR WITHIN 30 TO WATER TO HEATER 40 X 2 COUN

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: 6" WELL BORE, PUMPED BY WINDMILL + 100 GALLONS

10. The estimated amount of groundwater withdrawn each year: 450,000 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: Hugh Brown
Date: 12-31-63

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

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

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

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

Hugh B. Brown
(Signature of Appropriator)

County of Richland
State of Montana

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

2. The beneficial use on which the claim is based, Stock Water + Agricultural Purposes

3. Date or approximate date of earliest beneficial use, 1949. I have used Contributed Water Since

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

7. The date of commencement of operation of the construction of the well, walls, or other works for withdrawal of groundwater, Sept. 5, 1949

8. The depth of water table, 120 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 B, 120 ft. Deep

10. The estimated amount of groundwater withdrawn each year, 4,500,000 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.

Signature of Owner, Hugh B. Brown

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.

2969
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Halvorson</td>
<td>Sidney, Mont.</td>
</tr>
<tr>
<td>Driller</td>
<td>Francis Boyce</td>
</tr>
</tbody>
</table>

Date of Notice of Appropriation of Groundwater: Oct. 5, 1966

Date Well Started: Oct. 5, 1966

Date Completed: Oct. 10, 1966

Type of Well: Drilled

Equipment Used: Rotary

Water Use: Domestic

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

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

<table>
<thead>
<tr>
<th>Depth</th>
<th>Strata</th>
<th>Water Level</th>
<th>Other Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Top of Ground</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Soil, sand, gravel, and clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30</td>
<td>Gray clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>Sandy clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>55</td>
<td>Gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>56</td>
<td>Dark gray clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>150</td>
<td>Soft sandy clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>165</td>
<td>Dark gray clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>176</td>
<td>Coal</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Depth of Bottom: 128 ft.

Static Water Level for non-flowing well:

Shut-in Pressure for flowing well:

Pumping Water Level:

Discharge in gal. per min. of flowing well:

How Tested: Neutron Length of Test: 5 hours

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)

Discharge in gal. per min. of flowing well:

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
<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>10</td>
<td>Melville Yp</td>
<td>57W2</td>
<td>283575</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Bassett Cheese</td>
<td>57W4</td>
<td>286273</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Whited Floyd E</td>
<td>57W4</td>
<td>286686</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Whited Floyd E</td>
<td>57W4</td>
<td>286689</td>
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<td>57W4</td>
<td>286536</td>
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</tr>
<tr>
<td>31</td>
<td>Melton Linn</td>
<td>57W4</td>
<td>280424</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Date of Notice of Appropriation of Groundwater: Aug 7, 1963

Date well started: Aug 7, 1963

Date well completed: Aug 7, 1963

Type of well: Drilled

Equipment Used: Churn, drill, rotary or driven, bored or drilled

Water Use: Irrigation

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.

Show depth of top and bottom of well.

Static Water Level for non-flowing Well: 2.00 feet.

Shut-in Pressure for Flowing Well:

Pumping Water Level: 2.00 feet at 8 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Bailer

Length of Test: 4 hours

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)

Gravel packed back 2.71 ft

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.
STATE OF MONTANA.
County of Richland,
Filed this .......... day of
A. D. 19 ....
at ....... o'clock, A. M.

[Signature]
County Recorder.

[Signature]
Deputy.
# WATER WELL LOG

**Owner:** Elmer Brunsvold  
**Address:** Sidney, Mont., Box 394

**Driller:** Francis Boyce  
**Address:** Trotters, N. Dak.

**Date Started:** April 20, 1961  
**Date Completed:** April 26, 1961

**Location:** Sec. 15, T. 20 N, R. 60 E  
**Center of section:**

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Rotary</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use:</td>
<td>Domestic</td>
<td>Municipal</td>
<td>Stock</td>
</tr>
<tr>
<td></td>
<td>Industrial</td>
<td>Drainage</td>
<td>Other:</td>
</tr>
</tbody>
</table>

- **Casing:**
  - ft. to ft.
  - Type
  - Size

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

- **Type of screen or perforations:**
  - \( \frac{1}{2} \) inch x 6 inch slits

- **Static Water level, for non-flowing well:** 162 feet

- **Shut-in pressure, for flowing well:** \( \text{lb./sq. in.} \) \( \text{(date)} \)

- **Pumping water level:** 175 feet \( \text{at} \) \( h \) gal. per min.

- **How tested:** Bailer test 135 ft. at 8 gallons per minute

- **Length of test:** 3 hours

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

---

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Top soil &amp; yellow clay</td>
</tr>
<tr>
<td>27</td>
<td>Layers of gray shale and thin coal veins</td>
</tr>
<tr>
<td>53</td>
<td>Soft sandstone</td>
</tr>
<tr>
<td>57</td>
<td>Small layers coal and gray shale</td>
</tr>
<tr>
<td>78</td>
<td>Coal</td>
</tr>
<tr>
<td>85</td>
<td>Gray shale thin layers coal and rock</td>
</tr>
<tr>
<td>162</td>
<td>Rock</td>
</tr>
<tr>
<td>169</td>
<td>Shale</td>
</tr>
<tr>
<td>175</td>
<td>Soft sandstone water bearing</td>
</tr>
<tr>
<td>204</td>
<td>Hard gray shale</td>
</tr>
<tr>
<td>206</td>
<td>Soft sandstone water bearing</td>
</tr>
<tr>
<td>223</td>
<td>Hard gray shale</td>
</tr>
<tr>
<td>230</td>
<td>Coal</td>
</tr>
<tr>
<td>230</td>
<td>Soft sandstone water bearing</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

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: livestock

3. Date or approximate date of earliest beneficial use and how continuous the use has been: June 1, 1939

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

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

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

7. The date of commencement and completing of the construction of the well, wells, or other works for withdrawal of groundwater: June 1, 1939

8. The depth of water table: 30 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: 2 1/2 inch steel pipe 2 1/2 ft. casing wood

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: none

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

Signature of Owner: Floyd E. Whitel Date: Dec. 31, 1933

This form is to be filled 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 Richland,
Filed this 31st day of
dec., A.D., 19__
at 2:___. o'clock...

[Signature]
County Recorder

[Signature]
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

FLOYD W. WHITE
(Name of Appropmtor) of SHEWAT, SIDNEY
(Address) (Town)

County of RICHLAND State of MONTANA

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

1. Name of Appropmtor
2. The beneficial use on wkich the claim is based: livestock and home use
3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1953 to March
4. The amount of groundwater claimed (in minor's inches or gallons per minute): 10 gallons a minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: electric motor and cylinder pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: March 1953
8. The depth of water table: 40 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: 50 foot deep and a pitch
10. The estimated amount of groundwater withdrawn each year: 200,000 gallons
11. The log of formations encountered in the drilling of each well if available: none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: none

Signature of Owner: FLOYD W. WHITE
Date: 3/14/1963

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

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

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

Filed this 31 day of December, A.D. 1962
at 2:30 O'clock, P.M.

R. D. Renton
County Recorder

File: 2
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Floyd E. Witte,
Address:
Town: Sidney
County of Richland
State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

4. The amount of groundwater claimed (in acre-feet or gallons per minute): 9 gallons per minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: August 1962

8. The depth of water table: 16 feet from top of ground, well is 108 feet

9. So far as may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 108 feet, 4 inch casing

10. The estimated amount of groundwater withdrawn each year: 350,000 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: Floyd E. Witte
Date: Dec. 31, 1963

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

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

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

Filed this: 31st day of Dec., A.D. 19--
at 2:49 P.M.

R. H. Kookee
County Recorder

Fee: $--
Filed
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

FLOYD E. WHITEL, of SHARP unserer Town)
County of State of
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, and how used: LIVESTOCK

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: MAY 1959

3. The amount of groundwater claimed (in miner's inches, per minute): 2 gallons a minute

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

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

6. The depth of water table: 100 feet

7. The date of commencement and completion of construction of the well or other works for withdrawal of groundwater: MAY 1959

8. The depth of well: 145 feet deep to inch 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 withdrawal of groundwater: 1½ inch steel casing

10. The estimated amount of groundwater withdrawn each year: 350,000 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: FLOYD E. WHITEL
Date: DEC. 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA:
County of Richland,
Filed this 11th day of Dec. A.D. 1943
at 2:00 o'lock P.M.
County Recorder

ee: 2.00
f.Dad
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Floyd E. Whitel, of Shepard, Sidney
   (Name of Appropriator) (Address)

   County of Richland
   State of Montana

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

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1920

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 7 gallons a minute

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1920

   8. The depth of water table: 24 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: 9 3/8 feet long 5 foot wood casing

   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: none

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

Signature of Owner: Floyd E. Whitel
Date: Dec. 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
WATER WELL LOG

Owner: Floyd Whited Address: Sec. 18
Driller: Asa J. Mecke Address: Sidney
Date Started: 27 APR 11 Date Completed: 7 JUN 11

Location: Sec. 18 T. 20 R. 66 § 4

Type of Well: Drilled Equipment used: Churn

Water use: Domestic [x] Municipal [ ] Stock [ ] Irrigation [ ]

Water use: Domestic [x] Municipal [ ] Stock [ ] Irrigation [ ]

Casing: 15.5 ft. to 85 ft. Type: O7 Size: 6 in

Casing: [ ] ft. to [ ] ft. Type: [ ] Size: [ ]

Casing: [ ] ft. to [ ] ft. Type: [ ] Size: [ ]

Perforated or Screened: Ft. 140 to Ft. 155 Ft. to Ft. 15 ft. perf

Type of Screen or Perforations: Cut with cutting tool

Static Water level, for non-flowing well: [ ] ft

Shut-in pressure, for flowing well: [ ] lb/sq. in. on: [ ] (date)
Pumping water level: [ ] ft at [ ] gal. per min. [ ]

Length of Test: 3 Hours

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0</td>
<td>To 10</td>
</tr>
<tr>
<td>From 10</td>
<td>To 90</td>
</tr>
<tr>
<td>From 90</td>
<td>To 124</td>
</tr>
<tr>
<td>From 124</td>
<td>To 140</td>
</tr>
<tr>
<td>From 140</td>
<td>To 155</td>
</tr>
</tbody>
</table>

Log of Well
Notice of Completion of Groundwater Appropriation by Means of Well Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Dale Allen
Address:  

Date of Notice of Appropriation of Groundwater:

Type of well: 
Equipment used: 

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.

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, these copies to be retained by driller.

Please answer all questions. If not applicable, no space is left otherwise the form will be returned.

Driller's License Number

Driller's Signature
STATE OF MONTANA,
County of Richland,

Filed this __________ day of __________, A.D. 19__
at ______ o'clock _______ P.M.

Helen Lieske
County Recorder
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sam Butten</td>
<td>Butte, Montana</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Andy Madsen</td>
<td>320 1st SE, Butte</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 17</td>
<td>May 31, 1958</td>
</tr>
</tbody>
</table>

Location: Sec. 31, T. 60 R. 20 1/4 sec.

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dug</td>
<td>Churn</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Casing</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>8.97 ft. to 15 ft.</td>
<td>O.D.</td>
<td>6 in.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>15 ft. to 19.7 ft.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened</th>
<th>Ft.</th>
</tr>
</thead>
<tbody>
<tr>
<td>15.2 ft. to 19.7 ft.</td>
<td></td>
</tr>
</tbody>
</table>

| Type of screen or perforations | Cut with cutting tool |

<table>
<thead>
<tr>
<th>Static Water level, for non-flowing well</th>
<th>feet</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure, for flowing well</th>
<th>lb./sq. in. on (date)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Pumping water level</th>
<th>feet at</th>
<th>gal. per min</th>
</tr>
</thead>
<tbody>
<tr>
<td>15</td>
<td>12</td>
<td></td>
</tr>
</tbody>
</table>

| How tested | |
|------------| |
| Ball |

Length of test: 25 hours

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

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-22</td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>22-30</td>
<td>Coal, no water</td>
</tr>
<tr>
<td>30-90</td>
<td>Blue Clay</td>
</tr>
<tr>
<td>90-118</td>
<td>Sand and Coal</td>
</tr>
<tr>
<td>118-121</td>
<td>Coal</td>
</tr>
<tr>
<td>121-172</td>
<td>Blue Clay</td>
</tr>
<tr>
<td>172-192</td>
<td>Sand and water vein 12 gal per min.</td>
</tr>
<tr>
<td>196-197</td>
<td>Blue Clay</td>
</tr>
<tr>
<td>Sec.</td>
<td>Name of Appropriator</td>
</tr>
<tr>
<td>------</td>
<td>----------------------------</td>
</tr>
<tr>
<td>1</td>
<td>Done (Arthur)</td>
</tr>
<tr>
<td>7</td>
<td>Barone Rene, MD</td>
</tr>
<tr>
<td>9</td>
<td>Elyel Lorna</td>
</tr>
<tr>
<td>11</td>
<td>Larson Kenneth</td>
</tr>
<tr>
<td>13</td>
<td>Larson Kenneth</td>
</tr>
<tr>
<td>14</td>
<td>Larson Kenneth</td>
</tr>
<tr>
<td>18</td>
<td>Ritchie J. R.</td>
</tr>
<tr>
<td>18</td>
<td>Ritchie J. R.</td>
</tr>
<tr>
<td>19</td>
<td>Jordan Robert or Unnamed</td>
</tr>
<tr>
<td>19</td>
<td>Ritchie J. R.</td>
</tr>
<tr>
<td>23</td>
<td>Barone Rene</td>
</tr>
<tr>
<td>24</td>
<td>Barone Rene, MD</td>
</tr>
<tr>
<td>24</td>
<td>Larson Kenneth</td>
</tr>
<tr>
<td>25</td>
<td>Nelson Versus</td>
</tr>
<tr>
<td>26</td>
<td>Barone Rene</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: __________________________ Address: __________________________

Driller: __________________________ Address: __________________________

Date of Notice of appropriation of groundwater: __________________________

Date well started: __________________________ Date completed: __________________________

Type of well: __________________________ Equipment used: __________________________

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

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>Strata of Dug</th>
<th>Strata of Dug</th>
<th>Strata of Dug</th>
<th>Strata of Dug</th>
</tr>
</thead>
<tbody>
<tr>
<td>Date Well Started</td>
<td>Date Well Completed</td>
<td>Date Well Completed</td>
<td>Date Well Completed</td>
</tr>
<tr>
<td>Type of Well</td>
<td>Equipment Used</td>
<td>Water Use</td>
<td>Remarks</td>
</tr>
<tr>
<td>Dug, Driven, Drilled</td>
<td>Chum Drill, Rotary or Other</td>
<td>Domestic □ Municipal □ Stock □ Irrigation □</td>
<td>Remarks</td>
</tr>
<tr>
<td>□ Industrial □ Drainage □ Other □</td>
<td>Remarks</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: __________________________ feet.

Shut-in Pressure for Flowing Well: __________________________ feet.

Pumping Water Level: __________________________ feet.

Discharge in gal. per min. of flowing well: __________________________ gal. per minute.

How Tested: __________________________

Length of Test: __________________________

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

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

[Diagram of well location and use]

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

[Diagram of acreage and location]

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, tissue copy to be retained by driller.

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

Driller's License Number: __________________________

Driller's Signature: __________________________

County Clerk and Recorder: __________________________

License Number: __________________________

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

County of Richland,

Filed this 27 day of June, A.D. 19--
at 10:23 o'clock A.M.

Helen Siecke
County Recorder

200
filed
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1961-08-06

Owner: "Hwy. Sec. 2, T. 17 N. R. 57 E"
Address: "Box 123, Helena, Montana 59601"

Contractor (if any): "W. A. Sanders"
Address of Contractor: "Box 123, Helena, Montana 59601"

Date Started: 1957
Date Completed: 1957

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

Storage Dam:

8 feet

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:

12 months

10 acre feet

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

Signature of Owner: "Hwy. Sec. 2, T. 17 N. R. 57 E"
Date: May 15, 1968

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.
STATE OF MONTANA, } ss.
County of Richland, 

Filed this 30th day of May A.D. 1963
at 4:29 o'clock P.M.

D. E. Banks
County Recorder

$2.00
filed
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

**Mr. Rene Baroue**, Richey, Richland County, State of Montana

The beneficial use on which the claim is based:

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

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

3. The amount of groundwater claimed (in mi. in. or galling per minute):

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

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

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

7. The depth of water table:

8. 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:

9. The estimated amount of groundwater withdrawn each year:

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

Signature of Owner: Rene Baroue
Date: 12-03-63

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 Richland,

Filed this 22d day of April, A. D. 1942.
at 12:00 o'clock, P. M.

S. P. Kasler
County Recording

Carle 29 1/2
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Anna E. Etzel
   (Name of Appropriator)
   Box 184
   (Address)
   Savage
   (Town)
   County of Richland
   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 use

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 50 ft. of water available to pump

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: 1915

8. The depth of water table: 130 ft.

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

10. The estimated amount of groundwater withdrawn each year: 300,000 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: Anna E. Etzel
Date: 12/30/16

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.

One copy to be filed with the County Clerk and Recorder. Duplicate to the State Engineer. Triplicate to the Montana Bureau of
STATE OF MONTANA,
County of Richland.

Filed this 31st day of December, A.D. 1943.

[Signature]

[Signature]

See: 200

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

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

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

   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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA

County of Richland

Filed

31 day of

December 19 1963

at 6 o'clock, M.

County Recorder

Deputy

filed.
Notice of Completion of Groundwater Appropriation

Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner

Contractor (if any)

Address of Contractor

Date Started

Date Completed

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

Natural means of ground flow from snow or rain

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.

Ground flow quantity unknown

No flow during dry weather

Signature of Owner

Date: Dec 31, 1963

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

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

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

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: June 25, 1937

Owner:                                                                                                  Address:

Contractor (if any) ____________________________________________

Address of Contractor: _______________________________________

Date Started: January 1, 1965 Date Completed: January 31, 1965

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

- The spring is approximately about 12 feet above ground level.

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.

- The spring flows about 1/2 inch per day for about six months each year.

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

Signature of Owner: _________________________________________

Date: Dec 31, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriaor.
STATE OF MONTANA,
County of Richland,
Date 26667

Filed the 27th day of December 1963

[Signature]
[Title]

[Signature]
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. Name of Appraiser
   ____________________________
   (Name of Appropriator)

   Address
   ____________________________
   (Address)

   County
   ____________________________
   (County)

   State of
   ____________________________
   (State of)

   Town
   ____________________________
   (Town)

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

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
      April 22, 1913

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

   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:
      April 22, 1913

   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:
   ____________________________
   (Signature)

   Date:
   ____________________________
   (Date)

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA,
County of Richland,
Filed this 21st day of December, A.D. 1963,
at 12:00 o'clock P.M.

County Recorder

[Signature]

Deputy
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner: __________________________ Address: __________________________

Contractor (if any) __________________________ Address of Contractor: __________________________

Date Started: __________ Date Completed: __________

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

Signature of Owner: __________________________ Date: __________

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA,
County of Richland,
File this 31
day of December 1962,
at 8 o'clock A.M.

A. J. Apples
County Recorder

Deputy