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

1. H.B. SUBBRACK of Saco
   (Name of Appropriator) (Address) (Town)

   County of Phillips 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 and domestic

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

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

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

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

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

   8. The depth of water table... 5 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...
      4½" casing perforated from 40 to 45 feet

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 The estimated amount of groundwater withdrawn each year... 100,000

   11. The log of formations encountered in the drilling of each well if available...
      ... 0-22 Sandy clay; 22-40 Gravel Sand; 40-60 Shale

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

   Signature of Owner...

   Date... 12-16-63

   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 Engineer
Helena, Montana

Dear Sir:

On this Misc. No. 15547 which you returned to us for description, we have received the following information from Mr. Sudbrach:

No. 15547 was filled out by a local lawyer who forgot to put in the description, Mr. Sudbrach was notified and came to the lawyer for the correction rather than to us, whereupon the lawyer filled out an entire new form which he filed as our No. Misc. No. 15650. In the scramble of those last days of December we did not realize the two were of the same well. We have marked your copy corrected by Misc. No. 15650 and that should take care of the matter.

Very truly yours,

Rosalene V. Maloney
Clerk and Recorder
<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Churn</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use</td>
<td>Domestic</td>
<td>Municipal</td>
<td>Stock</td>
</tr>
<tr>
<td>Casing</td>
<td>Top</td>
<td>ft. to 60</td>
<td>Type</td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td>4 to 6 ft.</td>
<td>4.5</td>
<td>to ft.</td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>34 ft.</td>
<td>feet.</td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>1000 lb./sq. in. on:</td>
<td>(date)</td>
<td></td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>50 ft.</td>
<td>feet at:</td>
<td>5 gal. per min.</td>
</tr>
<tr>
<td>How tested:</td>
<td>Pumping</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td>1 3/4 h.</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td></td>
<td></td>
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(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0 to 22</td>
<td>Sandy Clay</td>
</tr>
<tr>
<td>From 22 to 40</td>
<td>Gravel + Sand</td>
</tr>
<tr>
<td>From 40 to 60</td>
<td>Gravel</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)

James J. Bailly, Jr.

County of ________________ State of ________________

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since 1928:

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

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

6. The means of withdrawing such water from the ground and the location of such 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 Appropriorator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

James J. Beatty, Jr.  of
(State)

County of    State of

Phillips Montana

I 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:
   Stockwater, household and garden uses.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: *continuous since 1911*

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: *garden irrigation only*

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1911

8. The depth of water table: 6 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: *hand dug, 14' deep casing, 60 feet capped*

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

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

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

Signature of Owner

Date: December 30, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. **William E. Scaife**
   - Name of Appropitator
   - Box 232
   - State of Montana

2. The beneficial use on which the claim is based: The only purpose of water we have for residence and livestock use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1912 and over since.

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

7. The date of commencement and completion of the construction of the well, well, or other works for withdrawal of groundwater: Started in 1910; finished in 1912.

8. The depth of water table: 6 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' casing; 2' intake pipe; 30' depth.

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

11. The log of formations encountered in the drilling of each well if available: Sandy loam 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: 
Date: 12-27-1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropitator.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **Jas. F. Conlon**
   - **Name of Appropriator**
   - **Address**
   - **Town**

**County of**
- **Phillips**

**State of Montana**

**Declaration of Vested Groundwater Rights**

1. **Name of Appropriator**
   - **Address**
   - **Town**

2. The beneficial use on which the claim is based:
   - 1. **Garden & trees, Stock, Domestic**
   - 2. **Domestic, garden & trees**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   - 1. **Spring of 1909, continuous**
   - 2. **April 22, 1957, continuous**

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
   - 1. **34 or more gallons per min.**
   - 2. **64 or more 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.
   - **Gas motor lift pump**
   - **Electric pressure pump**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   - 1. **(1909, Spring) to 1909**
   - 2. **April 17, 1957 to April 22, 1957**

8. The depth of water table.
   - 1. **57 feet**
   - 2. **62 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.
   - **1. Hand dug, 2x4 lumber with cracks between forming bid box in water zone, with wood cover, also, 2inx 5 in wood, Depth 60 ft**
   - **2. Drilled, (6" black iron) 65" diameter galvanized iron, 70 ft**

10. The estimated amount of groundwater withdrawn each year.
    - 1. **20,000**
    - 2. **20,000**

11. The log of formations encountered in the drilling of each well if available.
    - **1. S-15, Light colored silty dirt.**
    - **2. 0-3, Sandy top soil**
    - **3. 0-2, Sandy top soil**
    - **4. 0-45, Sandy gravel**
    - **5. 45-65, Clay & sand**
    - **6. 45-65, Clay & sand**
    - **7. 57-60, Sandy gravel & water**
    - **8. Sandy gravel & water**
    - **9. 65-70, Shale & sand**
    - **10. 65-70, Shale & sand**

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**

June 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; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.

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Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner: Blue Brothers
Address: Saco, Montana

Contractor (if any): None
Address of Contractor: 

Date Started: 1898
Date Completed: 1898

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Was a surface spring until 1925 when spring developed further for city commercial use. (limited) Now used for domestic and commercial purposes. Depth of water not unknown.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use:
A gravity flow, usable at all times.

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

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

**Owner**: Jas. F. Conlon  
**Address**: Saco, Montana

**Driller**: Jas. F. Conlon  
**Address**: Saco, Montana

- **Date Started**: Spring of 1909  
- **Date Completed**: 1909

**Location**: Sec. 30  
**T. 32  
**R. 34  
**S.E. 1/4**

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Equipment Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hand dug</td>
<td>Pak. Jlr. driven, or drilled</td>
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</table>

<table>
<thead>
<tr>
<th>Water Use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
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<tr>
<td></td>
<td>✔</td>
<td></td>
<td>✕</td>
<td>✔</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Diameter (ft.)</th>
<th>Depth (ft.)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>10</td>
<td>Type: Wood</td>
</tr>
<tr>
<td>40</td>
<td>60</td>
<td>Type: Wood</td>
</tr>
</tbody>
</table>

| Perforations    | 2" x 4" Lumber with gravel between; forming a big box in water space with wood gravel also |

**Static Water Level**: About 37 ft. from surface, feet.

**Shut-In Pressure**: For flowing well:

<table>
<thead>
<tr>
<th>Water Level</th>
<th>Pressure (lb./sq. in.)</th>
<th>Test Duration (date)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Flowing</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Pumping Water Level**: About 5 ft. at 3 1/2 gal. or more gal. per min.

**How Tested**: By continuous pumping at above rate

**Length of Test**: Many 12 hr. to 16 hr. days of pumping

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

WELL BOTTOMS AT TOP OF BLUE SHALE WHICH IS ALSO BOTTOM OF GRAVEL. WATER FLOWS EASTWARD SLOWLY THRU SORBED 3 FT. OF BROWN GRAVEL.

THIS WELL IS LOCATED ON EAST SIDE OF AND NEAR BOTTOM OF A CULLEE RUNNING SOUTHWARD, IT IS ON A SIDEDRILL.

IT IS ALSO VERY CLOSE TO SOUTH PROPERTY LINE.

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(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>LITE COLORED, SILT, DIRT</td>
</tr>
<tr>
<td>15</td>
<td>DAKER CLAYLIKE DIRT</td>
</tr>
<tr>
<td>40</td>
<td>SANDY GRAVEL</td>
</tr>
<tr>
<td>57</td>
<td>SANDY GRAVEL AND WATER</td>
</tr>
<tr>
<td>BELOW 60</td>
<td>BLUE SHALE — TIGHT</td>
</tr>
</tbody>
</table>
null
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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</thead>
<tbody>
<tr>
<td>0 - 3</td>
<td>Sandy Top Soil</td>
</tr>
<tr>
<td>3 - 20</td>
<td>Sand and Silt</td>
</tr>
<tr>
<td>20 - 45</td>
<td>Clay</td>
</tr>
<tr>
<td>45 - 62</td>
<td>Gravel and Sand</td>
</tr>
<tr>
<td>62 - 65</td>
<td>Gravel and Water</td>
</tr>
<tr>
<td>65 - 70</td>
<td>Shale</td>
</tr>
</tbody>
</table>

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

EMIL J. ALBUS

County of Phillips

EMIL J. ALBUS

State of Montana

Town of Saco

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

2. The beneficial use on which the claim is based: domestic and stock watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1917 and continuous since that time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 20 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: pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1917

8. The depth of water table: hand dug 8" casing

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 60' 8" casing

10. The estimated amount of groundwater withdrawn each year: 547,500 gallons per year

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

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

Signature of Owner: Emil J. Albus

Date: December 20, 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 Appropriaor.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>04a</td>
<td>J. Scott 0. Stucke</td>
<td>62 1957</td>
<td>216792</td>
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<td>7</td>
<td>J. Scott 0. Stucke</td>
<td>1957</td>
<td>216790</td>
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<td>8</td>
<td>J. Scott 0. Stucke</td>
<td>1957</td>
<td>216793</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>J. Scott 0. Stucke</td>
<td>1957</td>
<td>216791</td>
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<td>19</td>
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<td>1957</td>
<td>216794</td>
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<td>22</td>
<td>J. Scott 0. Stucke</td>
<td>1957</td>
<td>216799</td>
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<td>27c</td>
<td>J. Scott 0. Stucke</td>
<td>1957</td>
<td>216798</td>
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<td></td>
<td>W. C. Stucke</td>
<td>1954</td>
<td>226739</td>
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</tr>
</tbody>
</table>
WATER WELL LOG

Owner: Stuart O. Brown                            Address: Box 112, Saco, Montana
Driller:                                               Address: __________________________
Date Started:                                          Date Completed: _____________________
Location: Sec. 5 A 6 T. 13 N. 31 W. sec. 9        Sec. 9

Type of well     Spring                      Equipment used (Ch面孔 drill, rotary, other)
                 (Chem. screened, or drilled)
Water use: Domestic [ ] Municipal [ ] Stock [X] Irrigation [ ]
Industrial [ ] Drainage [ ] Other: __________________________
Casing: Ground: ft. to ft. Type: ______________ Size: ______________ Remeter: ______________
Casing: ft. to ft. Type: ______________ Size: ______________
Casing: ft. to ft. Type: ______________ Size: ______________
Perforated or Screened: ft. Ground to ft. Flow: ft. Fl. to ft. __________________________
Type of screen or perforations: ______________________________________________________
Static Water level, for non-flowing well: ________________________________ feet.
Shut-in pressure, for flowing well: __________________________ R./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)

Gravel

(over)
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Stuart O. Brooke  Address: Box 312-Saco, Montana

Date Started:  Date Completed:

Location: Sec. 7  T. 32  R.35  § sec.  Lot 4

Type of well: Spring  Equipment used:

Type of water use:
- Domestic
- Municipal
- Stock  Irrigation
- Industrial
- Drainage
- Other:

Casing:
- Cement: 2 ft. to  ft.  Type:  Size:
- Casing:  ft. to  ft.  Type:  Size:
- Casing:  ft. to  ft.  Type:  Size:

Perforated or Screened:  ft. to  ft.  Ft. to  ft.

Type of screen or perforations:

Static Water level, for non-flowing well:  2 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)
### WATER WELL LOG

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
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</thead>
<tbody>
<tr>
<td><strong>Owner</strong></td>
<td>Stuart O. Brookie</td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td>Box 312-Saco, Montana</td>
</tr>
<tr>
<td><strong>Driller</strong></td>
<td>Address</td>
</tr>
<tr>
<td><strong>Date Started</strong></td>
<td>Date Completed</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>Sec. 32, T. 32, R. 35, S.W. 1/4</td>
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<tr>
<td><strong>Type of well</strong></td>
<td>Spring</td>
</tr>
<tr>
<td><strong>Equipment used</strong></td>
<td>(Drill, driven, bored, or drilled)</td>
</tr>
<tr>
<td><strong>Water use</strong></td>
<td>Domestic [X] Municipal [ ] Stock [ ] Irrigation [ ]</td>
</tr>
<tr>
<td><strong>Industrial</strong></td>
<td>[ ] Drainage [ ] Other:</td>
</tr>
<tr>
<td><strong>Casing:</strong></td>
<td>ft. to ft. Type</td>
</tr>
<tr>
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<td>ft. to ft. Type</td>
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<tr>
<td><strong>Casing:</strong></td>
<td>ft. to ft. Type</td>
</tr>
<tr>
<td><strong>Perforated or Screened:</strong></td>
<td>Ft. to Ft. Ft. to Ft.</td>
</tr>
<tr>
<td><strong>Type of screen or perforations</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Static Water level, for non-flowing well:</strong></td>
<td>feet.</td>
</tr>
<tr>
<td><strong>Shut-in pressure, for flowing well:</strong></td>
<td>lb./sq. in. on: (date)</td>
</tr>
<tr>
<td><strong>Pumping water level</strong></td>
<td>feet at gal. per min.</td>
</tr>
<tr>
<td><strong>How tested:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Length of test</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Remarks:</strong></td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>

**Gravel**

(over)
<table>
<thead>
<tr>
<th>Name</th>
<th>Address</th>
<th>Property Description</th>
<th>Date Filed</th>
<th>Record No.</th>
<th>Recorded By</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>B</td>
<td>C</td>
<td>Dec 20, 19xx</td>
<td>123456</td>
<td>John Doe</td>
</tr>
<tr>
<td>E</td>
<td>F</td>
<td>G</td>
<td>Mar 15, 19xx</td>
<td>67890</td>
<td>Jane Smith</td>
</tr>
<tr>
<td>Owner</td>
<td>Stuart O. Brockie</td>
<td>Address</td>
<td>Box 312-Saco, Montana</td>
<td></td>
<td></td>
</tr>
<tr>
<td>---------------</td>
<td>------------------------------------</td>
<td>---------</td>
<td>-----------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Driller</td>
<td>Self-drilled</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td>1910</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date Completed</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Location</td>
<td>Sec. 10 T 35 R 25 34 sec.</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic: [ ]</td>
<td>Municipal: [ ]</td>
<td>Stock: [ ]</td>
<td>Irrigation: [ ]</td>
<td></td>
</tr>
<tr>
<td>Casing</td>
<td></td>
<td>Casing: [ ]</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td></td>
<td>Perforated or Screened: [ ]</td>
<td>to ft.</td>
<td>to ft.</td>
<td></td>
</tr>
<tr>
<td>Type of well</td>
<td>Dug</td>
<td>Equipment used: (Churn drill, rotary, other)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td>Casing-Cemented-14 ft.</td>
<td>Casing-Cemented-14 ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>10 feet.</td>
<td>10 feet.</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>[ ] lb./sq. in. on: (date)</td>
<td>Shut-in pressure, for flowing well: [ ] lb./sq. in. on: (date)</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pumping water level</td>
<td>14 feet at 20 gal. per min.</td>
<td>Pumping water level: 14 feet at 20 gal. per min.</td>
<td></td>
<td></td>
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<tr>
<td>Remarks</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
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<td></td>
<td></td>
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</tbody>
</table>

(over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Sandy loam and gravel</td>
</tr>
</tbody>
</table>

215791
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Stewart O. Brookins
Address: ____________________________

Driller: ____________________________
Address: ____________________________

Date Started: Sept 1962
Date Completed: Sept 1962

Location: Sec. ______ T. ______ R. ______ 1/4 sec. NW-1/4

Type of well: Drilled
Equipment used: Drill or auger

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

Casing: ft. to ft. [X]  Type [X]  Size [10]
Casing: ft. to ft. [ ]  Type [ ]  Size [ ]
Casing: ft. to ft. [ ]  Type [ ]  Size [ ]

Perforated or Screened: Ft. to Ft. to
Type of screen or perforations: ____________________________

Static Water level, for non-flowing well: ____________________________ 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)
State of Montana,
County of Phillips.
Filed for Record this 12th day
of September, A. D. 1955, at 9:35
A.M. and duly recorded in book
of .
County Recorder
Return:
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

**Owner:** Stuart O. Brookie
**Address:** Box 312-Saco, Montana

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
</table>

**Location:** Sec. 18  T. 12  R. 35  M sec. 3

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
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</thead>
<tbody>
<tr>
<td>(Drill, screen, or drilled)</td>
<td>(Chimdrill, rotary, other)</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Water use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
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</thead>
<tbody>
<tr>
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<td></td>
<td></td>
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<table>
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<tr>
<th>Casing</th>
<th>ft. to.</th>
<th>ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
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</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

**Static Water level, for non-flowing wells:** feet.

**Shut-in pressure, for flowing wells:** lb./sq. in. on: (date) gal. per min.

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

<table>
<thead>
<tr>
<th>How tested</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length of test</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

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

**Gravel**

(over)
State of Montana, 
County of Phillips, 

Filed for Record this... day of... A.D. 19... A.M./P.M.
of... o'clock... and duly recorded in book...

[Signature]
County Recorder

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

STATE ENGINEER

[Signature]

Date: 12/6/63

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.
<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>15</td>
<td>Ver. Thompson</td>
<td>GW2</td>
<td>253722</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Ver. Thompson</td>
<td>GW2</td>
<td>256535</td>
<td></td>
</tr>
<tr>
<td>84</td>
<td>Malhe-eration District</td>
<td>GW4</td>
<td>236824</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>Kenneth Brande</td>
<td>GW4</td>
<td>235230</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Owner: [Name]
Address: [Address]

Driller: [Name]
Address: [Address]

Date of Notice of appropriation of ground water: [Date]
Date well started: [Date]
Date completed: [Date]

Type of well drilled: [Type]
Equipment used: [Equipment]

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 Drilled</th>
<th>Size of Pipe</th>
<th>From</th>
<th>To</th>
<th>Estimated Annual Withdrawal</th>
</tr>
</thead>
</table>

Static Water Level for non-flowing well: [Level]
Shut-in Pressure for flowing well: [Pressure]
Pumping Water Level: [Level]

Discharge in gal. per min. of flowing well: [Discharge]

How Tested: [Test]
Length of Test: [Length]

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)

Driller’s License Number: [Number]
Driller’s Signature: [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 School of Mines; and quadruplicate for 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
(Revised 1969)

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: Nicklaus, Ewan
Address: Ravalli, Mont

Date well started: 7/14/72
Date well completed: 7/24/72

Type of well: Drilled
Equipment used: R. T. F 

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

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL:

700,000 gallons

<table>
<thead>
<tr>
<th>Site of Drilled Hole</th>
<th>Rate and Weight of Cutting</th>
<th>Rate (gpm)</th>
<th>To (gpm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>L 1/4</td>
<td>L 1/2</td>
<td>Top</td>
<td>50</td>
</tr>
</tbody>
</table>

Perforations:

- Static water level: 23 ft
- Pumping water level: 10 ft
- Measured from ground level.
- Power: Pump, HP

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

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

Driller's Address: T. W. K. M. W. T.

LICENSE NO. 59

Show exact depth of bottom

5/1/75
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 337, 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 well is located; last copy to be retained by driller.

Owner: Nickels, David

Address: Oredo, Mont

Date well started: 7/1/62

Date well completed: 7/2/62

Type of well: Drilled

Depth: 150 ft

Use: Domestic

Well developed by: Pump

Power: 0.5 HP

Remarks: Gravel packing, cementing, cutoff

Well developed for: 24 hours

Static water level: 23 ft

Pumping water level: 60 ft

Gallons per minute measured after pumping began:

*Measured from ground level

Power Pump: 0.5 HP

Remarks: Gravel packing, cementing, cutoff

Show exact depth of bottom

LICENSE NO. 126

Driller's Signature: Richard D. Nickel

Driller's Address: Tijeras, Mont

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

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

RECEIVED
Nov 1, 1972

DEPARTMENT OF MONTANA
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
**Drilling Log**

Driller: HICKEL & TOOE DRILLING CO. - Turner, Montana  
Montana Drilling License No. 106

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Date well started |
Date Completed |

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

<table>
<thead>
<tr>
<th>Size or Drilled Hole</th>
<th>Size and Weight of Cutting</th>
<th>From Depth</th>
<th>To Depth</th>
<th>Preparation</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 1/2&quot;</td>
<td>5 1/4&quot;</td>
<td>70</td>
<td>75</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 23 feet

Shut-In Pressure for Flowing Well: 

Pumping Water Level: 6 feet at 16 gal. per minute.

Discharge in gal, per min, of flowing well: 

How Tested: 
Length of Test: 

Remarks: 

Township: Range: County: 

[Grid Map]

Driller's Signature: 5/751
Drilling Log

Driller: HICKEL & TOOKE DRILLING CO. - Turner, Montana
Montana Drilling License No. 186

Owner: J. E. Nicholson
Address: Dickinson, Mont.

Date well started: 9/24/72
Date completed: 9/28/72

Water Use: Domestic □ Municipal □ Stock □ Irrigation □
Indust.rial □ Dr.ainage □ Other □

<table>
<thead>
<tr>
<th>Depth</th>
<th>Diameter</th>
<th>Flow</th>
<th>Rate</th>
<th>Preparations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 1/4&quot;</td>
<td>5 9/16&quot;</td>
<td>Top</td>
<td>80</td>
<td>4 3/4&quot;</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 23 feet
Shut-in Pressure for Flowing Well
Pumping Water Level: 60 feet
Discharge in gal, per min., of flowing well
How Tested: A-2
Length of Test
Remarks:

Driller's Signature

5/21/72
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE OF MONTANA

County of Phillips

Declaration of Vested Groundwater Rights

(Name of Appropriate) (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: Domestic use

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): 8 gallons per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Well, with an electric water driven pump. Well located near center of E. R. 24 N., T. 31 N., Sec. 26 E., P.M.

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: 18 ft. from ground surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Depth of well = 80 ft., size of well 2 1/2 ft. for upper 10 feet, lined with reinforced pipe, 10 ft. cased with 4 1/2 casing.

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

MALTA IRRIGATION DISTRICT

Signature of Owner: Harry Kimberling
Date: November 21, 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)

STATE ENGINEER

Kenneth Burch
of
Dodd
County of
State of
Montana

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

1. Stock Water a Household
2. Stock Water

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. 1. 1950 Continuous
2. 1950 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 1. 3 gals per min. when pumped
2. 3 gals per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied, and name of the owner thereof. 1. 2. Not Applicable

6. The means of withdrawing such water from the ground and the location of such 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. 1. 1963
2. 1963

8. The depth of water table. 1. 20 feet
2. 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. 1. 8 in. iron casing. 100 feet deep
2. Not Available

10. The estimated amount of groundwater withdrawn each year. 1. 100,000 gals
2. Not Available

11. The type of formation encountered by 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. Kenneth Burch

Dec. 26, 1963

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

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

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

3/16
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<tbody>
<tr>
<td>1</td>
<td>Sylvan J. Gundersen</td>
<td>G.W.1</td>
<td>226544</td>
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<tr>
<td>4</td>
<td>Henry Hevrett</td>
<td>G.W.9</td>
<td>236430</td>
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<tr>
<td>6</td>
<td>C.L. Kinman</td>
<td>G.W.1</td>
<td>230131</td>
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<td>9</td>
<td>C.L. Kinman</td>
<td>G.W.4</td>
<td>231458</td>
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<td>20</td>
<td>Earl D. Hunter</td>
<td>G.W.4</td>
<td>230678</td>
<td></td>
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<td>30</td>
<td>Town of Wilma</td>
<td>G.W.2</td>
<td>252371</td>
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<tr>
<td>31</td>
<td>Eunice Williamson</td>
<td>G.W.4</td>
<td>234511</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Philip J. Dima</td>
<td>G.W.4</td>
<td>234420</td>
<td></td>
</tr>
<tr>
<td>33</td>
<td>Leslie J. Hunter</td>
<td>G.W.4</td>
<td>234617</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>James W. Topping</td>
<td>G.W.4</td>
<td>242159</td>
<td></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. Sylvan J. Nylander, of Dodson

County of Phillips 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

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

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner 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: October 1, 1962

8. The depth of water table: 8 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: hand-dug, 3 ft. in diameter, steel curbing, 14 ft. deep

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: gravel all the way

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: December 23, 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 Phillips,

Filed for Record the 23rd day
of Dec., A.D. 1861,

in book No. 1, 4th Judge of the Peace, and duly recorded book
by

Recorder

By

Returns

236549
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Henry Herron**, of **Dodson**

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
</tr>
</thead>
<tbody>
<tr>
<td>Henry Herron</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

2. **State of Montana**

3. **Phillips County**

<table>
<thead>
<tr>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Montana</td>
</tr>
</tbody>
</table>

4. **T.31 N., R.27 W.**

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

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

6. **The beneficial use on which the claim is based: Stock and House**

<table>
<thead>
<tr>
<th>Stock and House</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

7. **Date or approximate date of earliest beneficial use and how continuous the use has been: 1934 Continuous**

<table>
<thead>
<tr>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1934</td>
</tr>
</tbody>
</table>

8. **Amount of groundwater claimed (in miner's inches or gallons per minute): 20 Gallons per Minute**

<table>
<thead>
<tr>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 Gallons</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Acreage</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Means</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>1934</td>
</tr>
</tbody>
</table>

12. **The depth of water table**

<table>
<thead>
<tr>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>310 ft</td>
</tr>
</tbody>
</table>

13. **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**

<table>
<thead>
<tr>
<th>Detail</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

14. **The estimated amount of groundwater withdrawn each year**

<table>
<thead>
<tr>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>2,000,000 gal</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Log</th>
</tr>
</thead>
<tbody>
<tr>
<td>Not Available</td>
</tr>
</tbody>
</table>

16. **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**

<table>
<thead>
<tr>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

**Signature of Owner:**

<table>
<thead>
<tr>
<th>Name</th>
</tr>
</thead>
<tbody>
<tr>
<td>Henry Herron</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dec 31, 1963</td>
</tr>
</tbody>
</table>

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.
Signed 15952.

236980

Phillip's Co.

Filed 12-31-63.
at 9:49 A.M.

Dec 2720.

R. W. Maloney

Clark & Reader
Form No. 18
8-60

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

STATE ENGINEER

Owner: C. L. Klimscherger Address: Location: Sec. 9 T. 31 R. 27 1 sec.

Driller: Jonah Drilling Co Address: Malta, Montana

Date Started: October 25, 1961 Date Completed: November 8, 1961

Location: Sec. 9 T. 31 R. 27 1 sec. MW

<table>
<thead>
<tr>
<th>Type of well drilled</th>
<th>Equipment used</th>
<th>rotary</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Aug, driven, bored, or drilled)</td>
<td>(Churn, drill, rotary, other)</td>
<td></td>
</tr>
</tbody>
</table>

Water use: Domestic □      Municipal □      Stock □      Irrigation □

Industrial □      Drainage □      Other □

Casing: __ ft. to __ ft. Type __ Size __ in. mm.

Casing: __ ft. to __ ft. Type __ Size __ in. mm.

Casing: __ ft. to __ ft. Type __ Size __ in. mm.

Perforated or screened: __ ft. __ ft. to __ ft. __ ft. __ ft. to __ ft. __ ft.

Type of screen or perforations: drilled 3/16 holes

Static water level, for non-flowing well: __ feet, __ feet.

Shut-in pressure, for flowing well: __ lb./sq. in. on: __ date __ date __ date

Pumping water level __ feet at __ gal. per min.

How tested: __ bailer

Length of test 3 hours

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

placed rubber packers above the perforations

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>35</td>
</tr>
<tr>
<td>35</td>
<td>146</td>
</tr>
<tr>
<td>146</td>
<td>175</td>
</tr>
<tr>
<td>175</td>
<td>230</td>
</tr>
<tr>
<td>230</td>
<td>325</td>
</tr>
<tr>
<td>325</td>
<td>375</td>
</tr>
</tbody>
</table>

Note: The table above details the depth and description of material drilled during the well logging process. The area marked X indicates significant features or changes in the material properties encountered during drilling.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. C. L. Kienanberger
   (Name of Appropriate)
   of
   (Address)
   (Town)

   County of
   Phillips
   State of
   Montana

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

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been...November, 1961 - continuous

   4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gallons per minute

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

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

   Electric pump

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...October 25, 1961 - November 3, 1961

   8. The depth of water table 255 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...Drilled, 4-in., iron casing, 325 ft., deep

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

   11. The log of formations encountered in the drilling of each well if available C-35, br., clay, rocks, 35-
       116 gray shale, 116-175, rock layer, 175-235, gray shale, 235-280, gray shale, 280-325 sandstone water

   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 December 30, 1963

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

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

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

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1881)

Earl T. Fowler
of Dodson, Montana

County of Phillips
State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1967, 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: Started: 10-7-1947
Completed: 10-19-1947
Continuous

4. The amount of groundwater claimed (in miner’s inches or gallons per minute) pump. (Name, volume steady
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:

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Started: 10-7-1947
Completed: 10-19-1947

8. The depth of water table: Pumping water level at 11 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 4 inch casing

10. The estimated amount of groundwater withdrawn each year: 100,000.00

11. The log of formations encountered in the drilling of each well if available:
- Topsoil
- 1-5 Blue Sandy clay
- 4-5 Brown 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:

Signature of Owner: Earl T. Fowler
Date: January 8, 1968

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
State of Montana, County of Phillips:
Filed for Record this ........ day of .... A.D. 19...........
of ......... A.M., and duly Recorded in book

Joseph Judge Court Recorder

Returns

[Handwritten note: Misc. 16158]