STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

George Mattson  Chester
(Name of Appropriator)  (Address)  (Town)
County of Liberty  State of Montana

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

- The beneficial use on which the claim is based: Domestic + Farm Water Supply

- Date or approximate date of earliest beneficial use; and how continuous the use has been: 1926. Continuous

- The amount of groundwater claimed (in miner's inches or gallons per minute): 30 gal per minute

- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Lawn Irrigation - George Mattson

- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric driven jet pump

- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: July 1926

- The depth of water table: 15 ft.

- 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: Bug Well - 5' Diameter, 30' Deep

- The estimated amount of groundwater withdrawn each year: 500,000 Gal.

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

- 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: The previous record

Signature of Owner: George Mattson  Date: Dec 11, 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)

<table>
<thead>
<tr>
<th>County of</th>
<th>State of</th>
</tr>
</thead>
<tbody>
<tr>
<td>Liberty</td>
<td>Montana</td>
</tr>
</tbody>
</table>

- **Name of Appropriator**: Jacob Warmekehn  
- **Address**: Chester  
- **State**: Montana  
- **Town**: Chester  

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

1. **Date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater**
   - Date: 1956
   - Location: Electric pumps

2. **The beneficial use on which the claim is based**
   - Irrigation

3. **Date or approximate date of earliest beneficial use and how continuous the use has been**
   - Date: Since 1956

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

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

7. **The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater**
   - Date: 1956

8. **The depth of water table**
   - Depth: 560 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**
   - Type: Electric pumps
   - Size: 800 ft

10. **The estimated amount of groundwater withdrawn each year**
    - Amount: 1200 cfs

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

Signature of Owner: Jacob Warmekehn  
Date: Dec 11, 1966

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.
<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>2</td>
<td>Meldam, Frank</td>
<td>GW</td>
<td>84206</td>
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<td>84206</td>
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<td>4</td>
<td>Minor, Leslie</td>
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<td>5</td>
<td>Minor, Leo</td>
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<td>6</td>
<td>Minor, Bros.</td>
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<td>7</td>
<td>Minor, Marie</td>
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<td>Major, Central</td>
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<tr>
<td>10</td>
<td>Lawler, J. Palmer</td>
<td>W</td>
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<td>11</td>
<td>Pardolph, Harley W.</td>
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<tr>
<td>12</td>
<td>Kinyon, James</td>
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<tr>
<td>13</td>
<td>Kinyon, Emma</td>
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<td>14</td>
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<td>15</td>
<td>Johnson, Betty</td>
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<tr>
<td>16</td>
<td>Poetzl, Bertha (Mrs.)</td>
<td>H</td>
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<td>17</td>
<td>Poetzl, Joseph C.</td>
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<td>19</td>
<td>Kinyon, Emma</td>
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<td>21</td>
<td>Cadby, Elwin</td>
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<td>Schum, Arnold</td>
<td>GW</td>
<td>83727</td>
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</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Frank Holmung
   (Name of Appropriator) of Missoula, Montana
   (Address)
   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, weeding, irrigating, tree-planting.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
      Oct. 15, 1953, steady.

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

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

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
      Electric, 1/2 deep well pumps
      2 in. plastic pipe.

   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:
      Depth of water table 4 ft.

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
      Depth of well 52 ft., 6 in. casing.
      2 in. plastic pipe for withdrawal.

   10. The estimated amount of groundwater withdrawn each year:
        220,000 gal.

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

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

       Signature of Owner: Frank Holmung
       Date: Dec. 3, 1953.

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)

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>Frank Meldrum</td>
<td>Joplin</td>
<td>Montana</td>
</tr>
</tbody>
</table>

County of Liberty, State of Montana.

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

1. **Frank Meldrum**, of Joplin, Montana.
   - **Address:**
   - **Town:**

2. **The beneficial use on which the claim is based:** **Steak & seed spraying.**

3. **Date or approximate date of earliest beneficial use; and how continuous the use has been:** **June 5, 1953, steady use.**

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:** **None.**

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

7. **The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:** **June 10, 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:**
   - **Depth:** 115 ft. **Gin casing:** 2 in. pipe for withdrawal.

10. **The estimated amount of groundwater withdrawn each year:** **250,000 gal 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:**
   - **Liberty County Court House, Chester, Montana.**

**Signature of Owner:**

---

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.

---

Date: **June 30, 1963**
<table>
<thead>
<tr>
<th>Date</th>
<th>Item Description</th>
<th>Quantity</th>
<th>Price</th>
<th>Total</th>
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<tbody>
<tr>
<td>2023-01-01</td>
<td>Coffee Beans</td>
<td>1 bag</td>
<td>$20.00</td>
<td>$20.00</td>
</tr>
<tr>
<td>2023-01-02</td>
<td>Milk</td>
<td>2 gallons</td>
<td>$4.00</td>
<td>$8.00</td>
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<tr>
<td>2023-01-03</td>
<td>Bread</td>
<td>1 loaf</td>
<td>$2.50</td>
<td>$2.50</td>
</tr>
</tbody>
</table>

Subtotal: $30.50

Tax: $0.50

Total: $31.00
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

I, Leslee Minae, of Monticello, County of Missoula, State of Montana, being an Appropriator, do hereby declare, under the laws of the State of Montana in effect prior to January 1, 1962, that I have appropriated groundwater as follows:

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

2. The date or approximate date of earliest beneficial use; and how continuous the use has been: 1953 - Used everyday

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 5 gpm

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

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: Unknown

6. The date of commencement and completion of the construction of the well, or other works for withdrawal of groundwater: 1953

7. The depth of water table: Unknown

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

9. The estimated amount of groundwater withdrawn each year: 50,000

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

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, if available:

Signature of Owner: Leslee Minae
Date: Dec. 17, 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. Les R. Minard
   (Name of Appropriator)
   (Address)
   (Town)
   County of
   State of

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1968 - Undecided

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Water from almost nothing to ample as needed

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: Summer of 1968

8. The depth of water table: Varies from 8' to 12'

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 wells about 20' deep, with a diameter of 6' feet. All have steel casing.

10. The estimated amount of groundwater withdrawn each year: Varies - 65,000 gal.

11. The log of formations encountered in the drilling of each well if available: Alluvial deposits, gravel, sandy clay, and clay 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: Les R. Minard
Date: Dec. 19, 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.

1017
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Minnie Brow
   (Name of Appropriator)
   of
   (Address)

   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:
      Stock and Spray Water

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been since
      1927 - Used each year since

   4. The amount of groundwater claimed (in miner's inches or gallons per minute):
      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
      
      
      
      
   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:
      Has drilled a well in the fall of 1927.

   8. The depth of water table:
      Unknown

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
      Well is a 6" well lined with steel casing approximately 110' deep.

   10. The estimated amount of groundwater withdrawn each year:
       25,000 gals.

   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:

   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)

1. Marie E. Johnson
   (Name of Appropriator)

   of
   (Address)

   County of
   (Town)

   State of

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

   N
   
   W
   
   E

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

   N.E. 1/4
   Sec. 5
   T. 14 N.
   R. 27 W.

   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: 1930

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

   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: Electrical operated pump

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Well was drilled 60 years ago

   8. The depth of water table: 25 ft

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: About 100 ft

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

   11. The log of formations encountered in the drilling of each well if available: 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: Marie E. Johnson
   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.
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237 Montana Session Laws, 1961, as amended)

**Owner:** Conrad J.F. May  
**Address:** Joplin, Montana

**Driller:** Hi-Line Drilling Service  
**Address:** Butte, Montana

---

**Date of Notice of Appropriation of Groundwater:**  
**Date well started:** November 17, 1970  
**Date well completed:** November 17, 1970

**Type of Well Drilled:** Cable Tool Rig  
**Equipment used:** Dug, driven, bored or drilled (Churn 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:**

<table>
<thead>
<tr>
<th>Strata</th>
<th>Depth (Feet)</th>
<th>Water Yield</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top of Ground</td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Grey, above sea level)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Soil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandy brown clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clay, pebbles</td>
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<td></td>
</tr>
<tr>
<td>Yellowish-brown clay</td>
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<td></td>
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<tr>
<td>Sandstone</td>
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<tr>
<td>Grayish-brown clay</td>
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<td>Gray clay</td>
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<td>Weathered brownish-grey</td>
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<tr>
<td>shale-water, approx. 1 3/4 GPM</td>
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<td>Water hardness—40 grains per</td>
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<tr>
<td>gallon-iron-40 FPM</td>
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<tr>
<td>Sulfate</td>
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<tr>
<td>Dark grey shale</td>
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<tr>
<td>Hard sandstone</td>
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<tr>
<td>Shale grey sandstone</td>
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<tr>
<td>Sandy grey shale</td>
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<td>Medium grey shale (firm)</td>
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<tr>
<td>Shale grey sandstone</td>
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<tr>
<td>Grey sandstone (soft)—water-</td>
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<tr>
<td>approx. 15 GPM</td>
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<tr>
<td>Hard sandstone</td>
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<td></td>
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<tr>
<td>Grey sandstone-water yield</td>
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<tr>
<td>increased to 11 GPM</td>
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<td></td>
</tr>
<tr>
<td>Hard sandstone</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grey sandstone-water yield</td>
<td></td>
<td></td>
</tr>
<tr>
<td>increased to 13 GPM</td>
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<tr>
<td>Sandy grey shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Grey shale</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Note:** Water yield increased to approx. 15 GPM, after reaming hole to 10" diameter.

**Diagram:**

- Static Water Level for non-flowing well: 74 feet.  
- Shut-In Pressure for Flowing Well: Not applicable.  
- Pumping Water Level: 92 feet at 13 gal. per minute.  
- Discharge in gal. per min. of flowing well: Not applicable.  
- How Tested: Baler  
- Length of Test: 2 hours

**Remarks:** (Gravel packing, cementing, packers, type of screen, hole reamed to 10" diameter, etc.)

---

**Filed for record:**  
**Doc. No.:** 91115  
**Filed for record:** the 16th day of MARCH  
**A.D. 1971, at 10:30 a.m.**

**Shovel:** H. H.

---

**Signatures:**

Driller's License Number

Driller's Signature

**Driller:** TMR 78

---

**File No.:**

**Duplicate:**

**Log:**

**Received:**

**Mar 15 1971**

**County:** Liberty

**State of Montana:**

**Administrative Office of Groundwater Code:**

**State Water Conservation Board:**

---

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.

---

**Signature:**

Driller's Signature

**Date:** 48221
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG:

<table>
<thead>
<tr>
<th>Owner</th>
<th>J. Palmer, Jolton</th>
<th>Address</th>
<th>Joplin, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Charles R. Anderson</td>
<td>Address</td>
<td>Rudyard, Montana</td>
</tr>
<tr>
<td>Date Started</td>
<td>Aug. 27, 1957</td>
<td>Date Completed</td>
<td>Aug. 31, 1957</td>
</tr>
</tbody>
</table>

Location: Sec. 12 T. 34 N. R. 7 W4 sec. 32 of 81 1/2 Sec. 12

Type of well: Drilled

Equipment used: Churn drill

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

Industrial [ ] Drainage [ ] Other: [ ]

Casing: 6" ft. to 62 ft. Type: National Size: 17 lb. - 6"

Casing: 5" ft. to 50 ft. to 165 ft. Type: Galvanized Size: 20 gauge - 5"

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

Perforated or Screened: Ft. 130 ft. to ft. 165 ft. Ft. to ft.

Type of screen or perforations: Galvanized 20 gauge - 5"

Static Water level, for non-flowing well: 140 ft.

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

Pumping water level: 100 ft. feet at 15 gal. per min.

How tested: Jet pump

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>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
</tr>
<tr>
<td>Top</td>
</tr>
<tr>
<td>56'</td>
</tr>
<tr>
<td>125'</td>
</tr>
<tr>
<td>147'</td>
</tr>
</tbody>
</table>

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

1. Harley M. Buckley, of [Address], (Town) County of Liberty, 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: [Beneficial Use]

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

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

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

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

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

8. The depth of water table: [Depth]

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

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

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

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

Signature of Owner: [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 Appropiator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Howard E. Kinyon
   (Name of Appropriator)

   County of Liberty
   (Name of County)

   State of Montana
   (State of Location)

   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 House Use

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: April 1951

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

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: April 1951

   8. The depth of water table: 10.4 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: 5 IN. Casing

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

   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:

       Signature of Owner: Howard E. Kinyon
       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 Appropriate.
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

<table>
<thead>
<tr>
<th>Clyde Hayden</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name of Appropriator</td>
</tr>
<tr>
<td>County of Liberty</td>
</tr>
</tbody>
</table>

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: ____________________________
   farm use

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.
   We irrigate a garden for home use from this well:
   Clyde Hayden
   ____________________________

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   I have a Jet pump on my well:
   ____________________________

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

8. The depth of water table:
   125 feet
   ____________________________

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

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

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: Clyde Hayden
Date: Nov 9, 1965

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

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

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

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

Marie E. Johnson
of Chester
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: Livestock and spraying
3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1950
4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 gpm
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 50 acres
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: Well was drilled about 10 years ago
8. The depth of water table: 30 to 40 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: About 100 ft
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: 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:

Signature of Owner: Marie E. Johnson
Date: 1964

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well Developed After January 1, 1963
(Under Chapter 237, Montana Session Laws, 1962)

Owner: MRS. BERTHA M. M.C. Address: 7017 MONTANA
Driller: MAX E. DRILLING Service Address: NATHAN, MONTANA

Date of Notice of appropriation of groundwater: Date well started: 6/13/63 Date completed: 7/17/63

Type of well: DRILLED Equipment used: CABLE TOU DEE (Dug, Driven, bored or drilled)
Water use: Domestic □ Municipal □ Stock □ Irrigation □ Industrial □ Drainage □ Other □

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>24&quot;</td>
<td></td>
<td>12&quot; W.D.</td>
<td>36</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td></td>
<td>DUG</td>
<td>32</td>
<td>35</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
Shut-in Pressure for Flowing Well
Pumping Water Level: 28 feet
Discharge in gal. per min. of flowing well
How Tested: BAJER-J. CAMP
Length of Test
Remarks: (Gravel packing, cementing, packers, type of shutoff...)

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

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).

WATER TO BE USED FOR: LAWN, GARDEN & SUPERBERRY

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, times copy to be retained by driller.

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

Driller's Signature: ROBERT B. MINN</ref>
**Notice of Completion of Groundwater Appropriation by Means of Well**

*DEVELOPED AFTER JANUARY 1, 1960*

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** Hans Bertha Peta

**Driller:** Hans Drilling Services

**Date of Notice of appropriation of groundwater:**

**Date well started:** 6/1/65

**Date completed:** 6/1/65

**Type of well:** DUG

**Equipment used:** Dug Tool

**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.

### Strata and Water Information

<table>
<thead>
<tr>
<th>Depth</th>
<th>Water</th>
<th>Diameter</th>
<th>Water Level</th>
<th>Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>61</td>
<td>Brown Sandstone</td>
<td>8&quot;</td>
<td>8' T.O.</td>
<td>Domestic</td>
</tr>
<tr>
<td>80</td>
<td>Sandy Brown Shale</td>
<td>6&quot;</td>
<td>10' T.O.</td>
<td>Industrial</td>
</tr>
<tr>
<td>49</td>
<td>Shale, Streaks of Sand</td>
<td>7&quot;</td>
<td>10' T.O.</td>
<td>Irrigation</td>
</tr>
<tr>
<td>23</td>
<td>Grey Sandstone</td>
<td>10&quot;</td>
<td>10' T.O.</td>
<td>Stock</td>
</tr>
<tr>
<td>3</td>
<td>Shale - Dark Grey + Ivory Shell</td>
<td>10&quot;</td>
<td>10' T.O.</td>
<td>Drainage</td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well:** 10 ft.

**Shut-in Pressure for flowing well:** 7 gal. per minute.

**Discharge in gal. per min. of flowing well:** 0 gal. per min.

**How used:** BAKER & PUMP

**Length of Test:** 4 HOURS

**Remarks:** (Gravel packing, cementing, packers, type of shutoff) WELL COMPLETED FROM 84 FEET BACK TO 10 FEET LEVEL

---

**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, thence copy to be retained by driller.**

**Please answer all questions. If not applicable, so state, otherwise the form will be returned.**
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Name of Appropriator: Joseph C. Patt
   Address: 
   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: 
   
   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: Joseph C. Patt 
   Date: Dec 5, 1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the 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)

JOSEPH C. PRETZL

(Name of Appropriator) (Address) (Town)

County of LIBERTY 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 is for household and small lawn.

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

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 January 1962.

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 Dec 5, 1962

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

**Name of Appropriator:** Homer B. Kinyon  
**Address:**  
**County of:** Latah  
**State of:** Montana  

Homer B. Kinyon has appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

**Irrigation for garden**

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

*May 1960. All the time it is needed*

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

*750 gallons per day*

## 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*

## 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

*May 1960*

## 8. The depth of water table

*Thirty two 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

*30 inches in 10 feet*

## 10. The estimated amount of groundwater withdrawn each year

*2000 gal*

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

*Not available*

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

*Not applicable*

---

**Signature of Owner:** Homer B. Kinyon  
**Date:** Dec 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.

---
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

Elwin Cady
(Name of Appropriator)

Beartooth Ave
(Address)

County of Liberty
(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: Elwin Cady

Date: Nov. 11, 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)
ENGINEER

1. Arnold E. Johnson, Jr., of Great Falls, (Name of Appropriator)
   County of Lewis and Clark, State of Montana (County and State of Appropriator)
   We have appropriated groundwater according to the Montana Laws in effect prior to January 1, 1962, as follows:

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

   3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1955

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 100

   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: 20 acres, filed

   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: 1962

   8. The depth of water table: 70 feet

   9. So far as it is available, the type, size and depth of each well or other works for withdrawal of groundwater: 100 feet

   10. A rough estimate of amount of groundwater withdrawn each year: 200 gallons

   11. The log of formation encountered in the drilling of each well: 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: Arnold E. Johnson
   Date: 11/23/62

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

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

Original to the County Clerk & Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines & 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>8</td>
<td>Glenn Alvin</td>
<td>CW H</td>
<td>84354</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>James Bagear</td>
<td>H</td>
<td>84349</td>
<td></td>
</tr>
<tr>
<td>100</td>
<td>Janes, Arthure</td>
<td>YR</td>
<td>92551</td>
<td></td>
</tr>
<tr>
<td>11</td>
<td>Jantzie, Thomas M.</td>
<td>CW H</td>
<td>84351</td>
<td></td>
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<tr>
<td>13</td>
<td>Smith, Leonard</td>
<td>H</td>
<td>84277</td>
<td></td>
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<td>21</td>
<td>Smith, Marvin E.</td>
<td>H</td>
<td>84272</td>
<td></td>
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<tr>
<td>26</td>
<td>Fenske, Herbert</td>
<td>H</td>
<td>84217</td>
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<tr>
<td>26</td>
<td></td>
<td>YR</td>
<td>92554</td>
<td></td>
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<tr>
<td>35</td>
<td>Gibson, Ted</td>
<td>H</td>
<td>84220</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 1964)

ALVIN OLSON

of GALATA

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

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

2. The date or approximate date of earliest beneficial use and how continuous the use has been: 6 - 1916

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 5 gals. Min.

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

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

6. The estimated amount of groundwater withdrawn each year: 

7. The depth of water table: 14.5 ft.

8. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1916

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' steel casing

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

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

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 existing record: 

Signature of Owner: 

Date: DEC 1, 1966

Three copies to be filed by the Clerk 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 & Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines & Geology and quadruplicate for the
STATE OF MONTANA,  
County of Lewis,  

Filed 12-31, 1962  
at 2:15 P.M.  
Gilbert Steenberge  
County Clerk  
By  Allen Lucking  
Deputy  

84350
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
DECLARATION OF ASSERTED GROUNDWATER RIGHTS
(Under Chapter 350, Montana Revised Laws, 1961)

1. Name of Appropriator: ____________________________
   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 & Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines & Geology and quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Lizzie Laas
(Name of Appropriator)

Chester
(Address)

Liberty
(Town)

Montana
(State)

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: Watering stock

2. Date or approximate date of earliest beneficial use: Fall of 1960

3. Continuous beneficial use has been: Fall of 1960

4. The amount of groundwater claimed: 365 gallons per minute

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

6. The means of withdrawing such water from the ground: Right now we are drawing it out with a bucket, but we plan on getting a pump on it

7. The date of completion of the construction of the well: Fall of 1960

8. The depth of water table: About 7 feet

9. The type, size, and depth of each well: It is a shallow well, cased in with a five foot culvert casing. The casing is about 15 feet deep. No other way to withdraw the water.

10. The estimated amount of groundwater withdrawn each year: It fluctuates according to the need for the stock. If our reservoirs have any water, we don't use the well.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act: None

Signature of Owner: Lizzie Laas

Date: Dec 11, 1966

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
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

(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: Lizzie Lass
Address: Chestert, Mont.

Date well started: Oct. 12, 1972
Completed: Oct. 25, 1972

Type of well: Drilled
Equipment used: Churn

Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [x]
Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

*Describe ____________________________

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

ESTIMATED ANNUAL WITHDRAWAL: 350,400 gals.

<table>
<thead>
<tr>
<th>Diameter</th>
<th>Depth</th>
<th>Perforation</th>
<th>Kind of Packing</th>
</tr>
</thead>
<tbody>
<tr>
<td>10&quot;</td>
<td>8 5/8</td>
<td>0</td>
<td>none</td>
</tr>
<tr>
<td>8&quot;</td>
<td>6 5/8</td>
<td>0</td>
<td>slotted 158</td>
</tr>
</tbody>
</table>

Static water level: 0 ft.
Pumping water level: 118 ft.

Water level measured: 118 gallons per minute, measured minutes after pumping began.

*Measured from ground level.

Well developed by: pumping for Two hours.

Power: Pump: HP__________

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

License No: 99

Driller's Signature: [Signature]
Driller's Address: Shelby, Mont. Box 677

1-F.

Top of Ground

0 10. sand & gravel
11 45. gravel
15 140. gravel & sand
142. 160. quick sand & water
144. 160. gravel
146. 160. water
148. 168. gray shale

License No: 99
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: Charles & Lizzie Lass
Address: Chester, Mont.

For Administrator's Use
File: 92331

Date well started: Oct. 12, 1972
Date well completed: Oct. 25, 1972

Type of well: Drilled

Equipment used: Churn Drill

Water Use: Domestic

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL: 350,000 gallons.

<table>
<thead>
<tr>
<th>Site of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kinds Size</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>10&quot; 8&quot; 5/8</td>
<td>none</td>
<td>0</td>
<td>143</td>
<td>168</td>
<td>150</td>
<td></td>
</tr>
</tbody>
</table>

PERFORATIONS

Static water level: 113 ft.
Pumping water level: 118 ft.

at two gallons per minute, measured minutes after pumping began.

*Measured from ground level.

Well developed by Drilling for two hours.

Power: Pump: 10 HP.

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.

Driller's Signature: [Signature]
Driller's Address: Shelby, Mont. Box 677

LICENSE NO.: 99

Top of Ground

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>10</td>
</tr>
<tr>
<td>10</td>
<td>15</td>
</tr>
<tr>
<td>15</td>
<td>40</td>
</tr>
<tr>
<td>40</td>
<td>143 quick sand &amp; water</td>
</tr>
<tr>
<td>143</td>
<td>160 gray shale</td>
</tr>
<tr>
<td>160</td>
<td>161 water</td>
</tr>
<tr>
<td>161</td>
<td>168 gray shale</td>
</tr>
</tbody>
</table>

Show exact depth of bottom: 168
File No. 

DUPLICATE

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

Decision of Vested Groundwater Rights
JAN 6 1964

(Owner)

County of: State of:

Appropriator 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): 5 gal per min

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

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

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

8. The depth of water table: 60 ft

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

10. The estimated amount of groundwater withdrawn each year: 650,000 gal

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

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

Signature of Owner:

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 School of Mines and Quadruplicate for the Appropriate.
**Deed of Vested Groundwater Rights**

(Under Chapter 257, Montana Session Laws, 1961)

1. **Name of Appropriator:***
   - (Name of Appropriator)
   - (Address)
   - (Town)

   **County of:** Liberty
   **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 Use

3. **Date or approximate date of earliest beneficial use; and how continuously the use has been:** Approximately 1947

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

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

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

   - Cylinder Pump system - Pump Jack - Rods to Cylinder

7. **The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:** Approximately 1947

8. **The depth of water table:** 100 Feet

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

   - 8-In. Hole with 6-In. Casing - Galvanized Tin Casing, Approximately 225 feet Deep, Withdrawn with Cylinder Pump System on Pump Jack

10. **The estimated amount of groundwater withdrawn each year:** 400,000 Gallons

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

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

**Signature of Owner:**

**Date:** Dec. 7, 1962

Three copies to be filed by 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; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
**STATE OF MONTANA**

**OFFICE OF STATE ENGINEER**

**Declaration of Vested Groundwater Right**

(Under Chapter 237, Montana Session Laws, 1961)

---

**Martin E. Bishoff**

(Name of Appraiser)

County of **Liberty**

State of **Montana**

have appropriated groundwater according to the Montana laws as noted below, as of January 1, 1913, as follows:

---

<table>
<thead>
<tr>
<th>1. Nature</th>
<th>2. The date on which the claim is made</th>
</tr>
</thead>
<tbody>
<tr>
<td>N</td>
<td>1913</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>2. Date or approximate date of earliest beneficial use; and how continuous the use has been since 1913.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1913 - continuous since</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>3. The amount of groundwater claimed (in miner's inches or gallons per minute).</th>
</tr>
</thead>
<tbody>
<tr>
<td>50 gal. per minute</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>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.</th>
</tr>
</thead>
</table>

---

<table>
<thead>
<tr>
<th>5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.</th>
</tr>
</thead>
<tbody>
<tr>
<td>gasoline pump</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.</th>
</tr>
</thead>
<tbody>
<tr>
<td>18 feet</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>7. The depth of water table.</th>
</tr>
</thead>
</table>

---

<table>
<thead>
<tr>
<th>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.</th>
</tr>
</thead>
<tbody>
<tr>
<td>hand-dug well 10 feet deep six feet in diameter</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>9. The log of formations encountered in the drilling of each well if available.</th>
</tr>
</thead>
</table>

---

<table>
<thead>
<tr>
<th>10. The estimated amount of groundwater withdrawn each year.</th>
</tr>
</thead>
<tbody>
<tr>
<td>200,000 gallons</td>
</tr>
</tbody>
</table>

---

<table>
<thead>
<tr>
<th>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.</th>
</tr>
</thead>
</table>

---

<table>
<thead>
<tr>
<th>12. Signature of Owner</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Martin E. Bishoff</td>
<td>3/25/63</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 Appportioner.