STATE OF MONTANA,
County of Valley.
Filed for present

DEC 13 1863

[Signatures]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Goodrich Acres, of 641.53 acres, Glasgow
(Name of Appropriaotr) (Address)

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

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

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

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

5. If used for irrigation, give the area 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: 1913

8. The depth of water table: 20 ft

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

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 The estimated amount of groundwater withdrawn each year: 50,000 gal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

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. Edith Zemlicka, of Richland County, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>X</th>
<th>Y</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

2. The beneficial use on which the claim is based.
   Stock and Irrigation, General use, & Fire

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 19th 1953, Periodically

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Twenty (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.
   One (1) acre, Sec 14, T 34 N, R 42 W
   Edith Zemlicka

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. June 1, 1962

8. The depth of water table. Twenty two (22) 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.
   Bored well, 24 inches, 31 feet

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 The estimated amount of groundwater withdrawn each year. 300,000 gal.

11. The log of formations encountered in the drilling of such 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: Edith Zemlicka
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 Approprietor.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Koman Zavialka
   of  
   Richland
   (Name of Appropriator) (Address) (Town)

   County of Valley State of Montana

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

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

   3. Date or approximate date of earliest beneficial use and how continuous the use has been. Not available. Periodically.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute). Twelve (12) gpm, 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. Not available.

   8. The depth of water table. Forty-two (42) 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. Bored well, 4' x 4', 60 feet deep.

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

    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 count record. Used to full capacity periodically.

    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. Albert Lendherrmann, of Helena, Montana
   (Name of Appropriator)
   County of Valley
   (Address)
   Montana
   (State of Montana)

   The applicant has appropriated groundwater according to the Montana law in effect prior to January 1, 1962, as follows:

   1. The beneficial use on which the claim is based
   Black Water

   2. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   September 1, 1960 - Use Continuously

   3. The amount of groundwater claimed (in inches or gallons per minute).
   7 to 8 gallons per minute

   4. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
   10 acres Irrigated with ground water

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

   6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   August 1, 1960

   7. The depth of water table.
   20 feet

   8. Any other data as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

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

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

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

   Signature of Owner: Albert Lendherrmann
   Date: [Signature blank]

   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, state so.

   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.
MONTANA BUREAU OF MINES AND GEOLOGY

WATER WELL LOG

Owner: Kermit Ellingson
Address: Ophelie, Montana
Driller: A & B Drilling Co.
Address: Socpa, Montana
Date Started: 10/21/59
Date Completed: 10/21/59
Location: Sec. 17, T. 34 N., R. 62 W., 1/4 sec. 4

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>Cable tool drilling machine</td>
</tr>
</tbody>
</table>

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

Casing:
- Lower: 0 ft. to 125 ft.
- Type: steel for cementing 6"

Perforated or Screened:
- 3 below

Type of screen or perforations: torch slot

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. 50 - 70

How tested: bailer

Length of test:

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

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>2h</td>
</tr>
<tr>
<td>2h</td>
<td>53</td>
</tr>
<tr>
<td>53</td>
<td>58</td>
</tr>
<tr>
<td>58</td>
<td>6h</td>
</tr>
<tr>
<td>6h</td>
<td>7h</td>
</tr>
<tr>
<td>7h</td>
<td>115</td>
</tr>
<tr>
<td>115</td>
<td>12h</td>
</tr>
<tr>
<td>12h</td>
<td>125</td>
</tr>
<tr>
<td>125</td>
<td>total depth</td>
</tr>
</tbody>
</table>

**Water strata - 68 to 115**

**GPM - 50 to 70**

**Draw down - none**

**Casing 11B of 6" steel tar coated**
<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Name or Appriator</td>
<td>Joe and Edna Strechny</td>
</tr>
<tr>
<td>Address</td>
<td>220 2nd Ave SN</td>
</tr>
<tr>
<td>County of</td>
<td>Valley</td>
</tr>
<tr>
<td>State of</td>
<td>Montana</td>
</tr>
<tr>
<td>Have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:</td>
<td></td>
</tr>
<tr>
<td>2. The beneficial use on which the claim is based</td>
<td>Household and stock and irrigation on the garden</td>
</tr>
<tr>
<td>3. Date or approximate date of earlier beneficial use; and how continuous the use has been</td>
<td>Approximately 1920</td>
</tr>
<tr>
<td>4. The amount of groundwater claimed (in miner's inches or gallons per minute)</td>
<td>10 gallons per minute</td>
</tr>
<tr>
<td>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</td>
<td>Great Sandine</td>
</tr>
<tr>
<td>6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal</td>
<td>眼用ポンプの各部 東-positive pressure well pump</td>
</tr>
<tr>
<td>7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater</td>
<td></td>
</tr>
<tr>
<td>8. The depth of water table</td>
<td>25' water level</td>
</tr>
</tbody>
</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 | depth of well = 90 feet  
water table = 25' |
| 10. The estimated amount of groundwater withdrawn each year            | unknown                                                               |
| 11. The log of formations encountered in the drilling of each well if available | gravelly and sandy                                                   |
| 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 |                                                                 |

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

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

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

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

Ethel Henry Creek
(Name of Appropriator)
4th Ave. S. Glasgow,
(Address)
Montana
(State)

1. County of Valley
of 534
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: garden irrigation, household machinery.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been, 1912: a well dug 25 ft. deep, later a drill well 94 ft. deep, iron pipe.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300 gal. in 20 minutes, 300 more gal. in next 20 minutes by a gas pump.

5. If used for irrigation, give the area 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 withdrawing, gas pump is better than a windmill. My brother said when 60 same feet was drilled this is deep enough.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater, 1912 and 1916. We had to get between 2 layers of solid rock as deep they went in solid strata E, Making a solid permanent well.

8. The depth of water table, S7 to 40 ft. Iron pipe 85 to 90.

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. This one is 8" diameter iron pipe and 94 ft. deep. The deepspit over north of Fent Peak Reservoir.

10. The estimated amount of groundwater withdrawn each year: unable to estimate--this section is rented for wheat.

11. The log of formations encountered in the drilling of each well if available. Standard Oil in 1934 and in 1952 said, "There is something under here. We don't know what it is. Don't be in a hurry to lease or sell."

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. Maybe the underground Mounare' goes through Valley County and goes up north crossing the Top of Valley County before it rushes into Canada. Their artesian wells, however, are north of the line between N.D. and Montana.

Signature of Owner: Ethel Henry Creek
Date: December 31, 1963

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

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

Original to the County Clerk and Recorder. Duplicate to the State Engineer: Triplicate to the 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>1. Hubert Gunderman</th>
<th>2. Stock well</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Name of Appropriator)</td>
<td>(Beneficial Use)</td>
</tr>
<tr>
<td>of Glentana, MT</td>
<td>of Montana</td>
</tr>
<tr>
<td>(Address)</td>
<td>(Town)</td>
</tr>
<tr>
<td>County of Valley</td>
<td>State of Montana</td>
</tr>
</tbody>
</table>

- **Counties:**
  - Montana

- **Appropriator:**
  - Hubert Gunderman

- **Address:**
  - Glentana, MT

- **Town:**
  - Montana

- **Claimed Groundwater Rights:**
  - Stock well

- **Date or approximate date of earliest beneficial use:**
  - 1941 - continuous

- **Amount of groundwater claimed:**
  - 5 gallons per minute

- **Date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:**
  - 1941

- **Depth of water table:**
  - 50 feet

- **Estimated amount of groundwater withdrawn each year:**
  - 250,000 gallons per year

- **Log of formations encountered in the drilling of each well if available:**
  - 70' deep, 4' casing, 1/2' pipe

- **Signature of Owner:**
  - Hubert Gunderman
  - 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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: 3-23-1963

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.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

Owner: __________________________
Address: _______________________

Driller: __________________________
Address: _______________________

Date of Notice of appropriation of groundwater: __________
Date well started: __________
Date completed: __________

Type of well: ________________ Equipment used: ________________
(Dug, driven, bored or drilled) (Chimney 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 to 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 Codes</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Kind Size</td>
</tr>
<tr>
<td>--------------</td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well __________ feet.
Shut-in Pressure for Flowing Well __________ feet.
Pumping Water Level __________ gal. per minute.
Discharge in gal. per min. of flowing well __________

How Tested __________
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.

N  W  S  E

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

(Continue on reverse side)

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

Driller's License Number __________
Driller's Signature __________

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Notice of Completion of Groundwater Appropriation by Means of Well Developed After January 1, 1962

(Under Chapter 57, Montana Session Laws, 1961, as amended)

Owner: 
Address: 
Driller: 
Address: 

Date of Notice of Appropriation of Groundwater:

Date Well Started:
Date Completed:

Type of Well:
Equipment Used:

Water Use:

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.

Static Water Level for non-flowing well

Shut-in Pressure for flowing well

Pumping Water Level:

Discharge in gal. per minute of flowing well

How Tested:
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.

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, since copy to be retained by driller.

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

Driller's License Number

Driller's Signature
STATE OF MONTANA, ex. County of Valley
Filed for record

JUN 25 1969
s. 8.00

dep't. A.M.
County Recorder
By

Deputy
Notice of Completion of Groundwater Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1962

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

Owner: Richard Krombach
Address: Last Lake, Mont.

Driller: Peter Travis
Address: Richland, Mont.

Date of Notice of appropriation of groundwater: August 21, 1970

Type of well: \( \text{Drilled} \)

Equipment used: \( \text{Chunck Drill} \)

Water use: Domestic \( \checkmark \) Municipal \( \checkmark \) Stock \( \checkmark \) Irrigation \( \checkmark \) Industrial \( \checkmark \) Drainage \( \checkmark \)

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>6 in.</td>
<td>11 ft</td>
<td>11 ft</td>
<td></td>
</tr>
<tr>
<td></td>
<td>6 ft.</td>
<td>41 ft.</td>
<td>41 ft.</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level 12 feet at 14 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: Pumped

Length of Test:

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

No Packing

Paid for by

Include other data (i.e.; Lot, Block and Addition).

County Clerk and Recorder in the county in which the well is located, three copies to be retained by driller.

This form to be prepared by driller, and three copies to be filled by owner with the

Driller's License Number

Driller's Signature
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION 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)

Owner: Art. C. Reid
Address: Lolo

Driller: Address:

Date of Notice of appropriation of groundwater: 3-10-66
Date well started: Date completed: 3-10-66

Type of well: Drilled. Equipment used: Churn drill
(Dig, 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>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Chute</th>
<th>From (Ft.)</th>
<th>To (Ft.)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>5&quot;</td>
<td>0</td>
<td>35</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
Shut-in Pressure for Flowing Well
Pumping Water Level
Discharge in gal. per min. of flowing well
How Tested: Pumped
Length of Test: 48 hr.
Remarks: (Gravel packing, cementing, packers, type of shutoff) Sand packing

Show exact depth of bottom.

This form is 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.

Driller's License Number
Driller's Signature: 1/6.30
<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>3</td>
<td>Sanders, Kenneth R.</td>
<td>6W</td>
<td>425715</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Krappin, Phyllis M.</td>
<td>4</td>
<td>429099</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>Triggs, Frances R.</td>
<td>H</td>
<td>422127</td>
<td></td>
</tr>
<tr>
<td>6</td>
<td>&quot;</td>
<td>&quot;</td>
<td>422126</td>
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<tr>
<td>8</td>
<td>Krappin, Jane E.</td>
<td>H</td>
<td>429098</td>
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<tr>
<td>16</td>
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<tr>
<td>25</td>
<td>Draper, E. E.</td>
<td>H</td>
<td>426293</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Stannah, Hans</td>
<td>H</td>
<td>423746</td>
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<td>34</td>
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<td>&quot;</td>
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<td>Wall Log 1564</td>
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<tr>
<td>34</td>
<td>James Edward P.</td>
<td>H</td>
<td>18699</td>
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</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)

Kenneth L. Sanders
(Name of Appropriator)
County: Valley
Address: Richland
Town: 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: 1 household use, 1 livestock use.

3. Date or approximate date of earliest beneficial use: 1961.

4. The amount of groundwater claimed (in raihers inches or gallons per minute): 1.5 gpm per min. The mean 14 gpm 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: 1. 1 gpm jet pump.


8. The depth of water table: 1. 36 ft. 2. 60 ft. 3. 10 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: 1. 12". 2. 16". 3. 20".

10. The estimated amount of groundwater withdrawn each year: 97,000 gals.

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: Kenneth L. Sanders
Date: Dec. 30, 1962

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

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

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

County of Valley

Filed for Record

DEC 26 1963

MARY LOU EDE Clerk & Recorder

Valley County

by: ____________________________ Deputy
Declaration of Vested Groundwater Rights
(1nder Chapter 237, Montana Session Laws, 1961)

1. Phyllis M. Klappin, of Richland, 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. For house and stock water, general farm use, spraying and irrigation of gardens.

3. Date of earliest beneficial use, and how continuous the use has been. About 1941 for house, stock and general farm use. Irrigation of gardens since then.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). About 21 gallons.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Garden about one half acre (See map).

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Well #1 -- 5 inch cylinder pumped with electricity. Well #2 -- Jet pump. Spring not fully developed.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well #1 was completed in 1941. Well #2 was completed in 1943. Spring not fully developed as yet.

8. The depth of water table about 65 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. 15 inches x 65 feet.

10. The estimated amount of groundwater withdrawn each year. About 500,000 gallons depending on the number of cattle.

11. The log of formations encountered in the drilling of each well if available. Clay, some sand and rocks.

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. The spring is not fully developed but will be in the near future for stock water.

Signature of Owner: 

Date: 6/30/1963

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)

1. Francis Tarum & Marie Tarum  
   (Name of Appropriator)  
   of Blackland  
   (Address)  
   (Town)  
   County of Valley  
   State of Montana  

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:  
   $1. 1943 to 1948 and 1951  
   $2. 1951 and each year following

4. The amount of groundwater claimed (in miner's inches or gallons per minute):  
   $1 six gallons per minute  
   $2 900 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:  
   40 acres on SW Sec 5  
   10 acres on NW Sec 5  
   Francis and Marie Tarum

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:  
   $1 pump  
   $2 natural flow of water at surface

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:  
   $1 June 1943  
   $2 1940 cu yds. excavation July 1950  
   $3 5000 cu yds. excavation in 1953 to a depth of 6 ft.

8. The depth of water table:  
   $1 15 ft.  
   $2 water is at surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:  
   $1 bored 18" diameter to 61' depth  
   $2 13,000 cu yds. excavated to depth of 61'

10. The estimated amount of groundwater withdrawn each year:  
    60 acre feet

11. The log of formations encountered in the drilling of each well if available:  
    $1 sand, gravel, silt and silt  
    $2 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:  
    Other wells in other locations had good water

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.
**Declaration of Vested Groundwater Rights**

(Under Chapter 257, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Francis Tarum &amp; Marie</th>
<th>of</th>
<th>Richland</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Name of Appropiator)</td>
<td>(Address)</td>
<td>(Town)</td>
</tr>
<tr>
<td>County of</td>
<td>State of</td>
<td></td>
</tr>
<tr>
<td>Valley</td>
<td>Montana</td>
<td></td>
</tr>
<tr>
<td>have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>&amp;</th>
<th>1926 daily use</th>
<th>1950 daily use</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>1</th>
<th>2 and 4</th>
<th>4 to 700 gallons per minute</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 (\times) 100</td>
<td>2 (\times) 100</td>
<td>1 (\times) 100</td>
</tr>
</tbody>
</table>

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:

<table>
<thead>
<tr>
<th>50 acres</th>
<th>5 acres</th>
</tr>
</thead>
<tbody>
<tr>
<td>Francis and Marie Tarum</td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>4 located near; water flows naturally</th>
</tr>
</thead>
</table>

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

<table>
<thead>
<tr>
<th>1 and 2 completed May 1926</th>
<th>3 completed Sept. 1948</th>
<th>4 completed Oct. 1961</th>
</tr>
</thead>
</table>

8. The depth of water table:

<table>
<thead>
<tr>
<th>1 (\times) 20 feet</th>
<th>3 (\times) 20 feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>water is at surface</td>
<td></td>
</tr>
</tbody>
</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:

| 1 bored 15\(\times\) diameter, depth 20\(\times\) | 2 bored 15\(\times\) diameter, depth 20\(\times\) |
| 4 bored 18\(\times\) diameter, depth 40\(\times\) |
| 4 bored 18\(\times\) diameter, depth 60\(\times\) |

10. The estimated amount of groundwater withdrawn each year:

<table>
<thead>
<tr>
<th>50 acres (\times) 100</th>
<th>5 acres (\times) 100</th>
</tr>
</thead>
</table>

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

| 1 & 2 not available | 3 sand, gravel and clay |
| 4 sand at 20\(\times\), gravel at 65\(\times\), sand at 65\(\times\) to 63\(\times\), blue clay at 64\(\times\) |

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 where homestead's wells on other locations on the land which had good water at shallow depths:

<table>
<thead>
<tr>
<th>Signature of Owner:</th>
<th>Date: Dec. 31, 1963</th>
</tr>
</thead>
</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 Appropriorator.
STATE OF MONTANA

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Name: E. Kappin
   (Name of Appropriator)
   of: Richland
   (Address)
   (Town)

2. The beneficial use on which the claim is based.
   For watering stock and general farm use.

3. Date or approximate date of earliest beneficial use: 1941
   and how continuous the use has been: Completed in 1941
   Continuous use since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): About 25 gallons

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 3 inch cylinder pump by engine.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Completed in 1941

8. The depth of water table: About 15 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   Well #1 is 32 feet by 12 feet
   Well #2 is 32 feet by 6 feet

10. The estimated amount of groundwater withdrawn each year: 500,000 gallons depending on number of cattle

11. The log of formations encountered in the drilling of each well if available:
   Clay in #1 well
   Sand in #2 well

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

Signature of Owner: ____________________________
Date: 12/31/1963

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

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

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

1. Jane E. Kleypas of Richland
   (Name of Appropriator) (Address) (Town)
   County of Valley 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: House, watering stock and general farm use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: About 1920. These wells have been used off and on since 1920 depending on the number of head of stock to be watered.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): About 25 gallons.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 2 inch cylinder pump by engine.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Completed in 1950.

8. The depth of water table: 12 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: Each well is 12 feet in depth.

10. The estimated amount of groundwater withdrawn each year: About 500,000 gallons depending on the number of cattle to be watered.

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

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

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)

STATE ENGINEER

E. T. Beier

County of: Valley
State of: Mont.

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: for stock and local use.

3. The date or approximate date of earliest beneficial use and how continuous the use has been since 1910: 1910

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 5 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: 1 acre garden lot

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1913

8. The depth of water table: 45 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: 16 inch casing 50 feet deep

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: I don't know

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: July 10, 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 Valley. 
Filed for record.

AUG 7 1963

Mary Tom Pool
County Recorder

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

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

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

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.

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. **Appropriator**
   - Name: [Name of Approprietor]
   - Address: [Address]
   - Town: [Town]
   - County: [County]
   - State: Montana

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

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

4. The amount of groundwater claimed (in minor'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: [Irrigation Details]

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

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

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

11. The log of formations encountered in the drilling of each well if available: [Drilling 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: [Other 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 Appropriator.
**Declaration of Vested Groundwater Rights**
(Under Chapter 237, Montana Session Laws, 1961)

1. Edward D. Jones, of Richland, County of Valley, State of Montana,
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1965, as follows:

   **Diagram:**
   [Grid diagram indicating point of appropriation and place of use, each small square represents 10 acres.]

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

2. The beneficial use on which the claim is based: Household & Garden irrigation and field spraying.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1943 Continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 2.500 gallons per minute.

5. If used for irrigation, give acreage and description of the lands to which water has been applied and name of the owner thereof: Garden 2 acres NE sec. 34.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 1 H.P. Electric motor jet pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: One well drilled 1943 and one well drilled 1947.

8. The depth of water table: 51 ft. to water and 10 ft. of water bearing gravel.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled 6 inch casing 61 ft. deep using a jet pump.

10. The estimated amount of groundwater withdrawn each year: 250,000 gallons.

11. The log of formations encountered in the drilling of each well if available: Sand and 10 ft. of fine gravel.

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: These wells were recorded in 1957.

   **Signature of Owner:**
   [Signature]
   [Date: Dec. 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 Appropriator.
STATE OF MONTANA
County of Valley

Filed for record

Feb 21, 1963

By: Deputy

County Recorder
**WATER WELL LOG**

**Owner:** Edward J. Barlow  
**Address:** Richland, Mont.  
**Driller:** Carl Palm  
**Address:** Louer, Mont.  
**Date Started:** Sept. 26, 1957  
**Date Completed:** Sept. 27, 1957  
**Location:** Sec. 34 T. 24 R. 7 1/2 W. 6E

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>*</td>
<td>Chisel Drill</td>
</tr>
</tbody>
</table>

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

**Equipment used:** Chisel Drill

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

**Perforated or Screened:**  
- Ft. to Ft.  
- Type: 
- Size: 

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

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

**Pumping water level:**  
- ft. at  
- gal. per min.

**How tested:**  
- Length of test:  
-  

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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<tbody>
<tr>
<td>0 - 2</td>
<td>top soil</td>
</tr>
<tr>
<td>2 - 49</td>
<td>gray sandy clay</td>
</tr>
<tr>
<td>49 - 58</td>
<td>clay + gravel</td>
</tr>
<tr>
<td>58 - 63</td>
<td>Sand + gravel + note</td>
</tr>
<tr>
<td>Sec.</td>
<td>Name of Appropriator</td>
</tr>
<tr>
<td>------</td>
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<td>Johnson, Hester J</td>
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<td>14</td>
<td>McCally, Robert</td>
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<td>Copenh. Ralph</td>
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<td>Fisher, Wm C.</td>
</tr>
<tr>
<td>35</td>
<td>Haven Camp, Joe</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. 

2. The beneficial use on which the claim is based

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

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

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

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

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner

Date

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

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

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

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

1. Robert McColly
   (Name of Appropriator)
   of Hinsdale, Montana
   (Address)
   ________________________
   ________________________
   ________________________
   ________________________

   County of Valley
   State of Montana
   ________________________
   ________________________
   ________________________
   ________________________

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1946 - Use has been constant
   ________________________
   ________________________
   ________________________
   ________________________

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

5. If used for irrigation, give the average and description of the land to which water has been applied and name of the owner thereof.
   ________________________
   ________________________
   ________________________
   ________________________
   n-a

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1946
   ________________________
   ________________________
   ________________________
   ________________________

8. The depth of water table 65’
   ________________________
   ________________________
   ________________________
   ________________________

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 churn drilled, 110’ deep and cased with 6” galv. casing

10. The estimated amount of groundwater withdrawn each year. 365,000 gal.
    ________________________
    ________________________
    ________________________
    ________________________

11. The log of formations encountered in the drilling of each well if available.
    ________________________
    ________________________
    ________________________
    ________________________
    Water is produced from Judith River Sands.

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 30, 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 Approprietor.
STATE OF MONTANA,  
County of Valley, 
Filed for record.

DEC 29 1965

By

County Recorder

By

County Recorder
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Owner: Ralph Cooper
Address: 2925 Teller Ave.

Driller: Carl Park
Address: 300...

Date of Notice of Appropriation of groundwater: 8/31/67
Date completed: 10/3/67

Type of well: Drilled
Equipment used: Chisels
Water use: Domestic

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

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, two copies to be retained by driller.

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

Driller's License Number

Driller's Signature: Carl Park

10/3/67
STATE OF MONTANA
County of Valley
Filed for record

JUL 10 1967

at 11:02 o'clock M.

Phyllis Brown
County Recorder
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Ralph Carlin
Address: Haysdale
Driller: Carl Palm
Address: 

Date of Notice of appropriation of groundwater:
Date well started: 6/23 Date completed: 7/6/67

Type of well: Development
Equipment used: Churn
(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>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>4 1/2 20</td>
<td>6.75 40</td>
<td>6.64</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 163 feet.
Shut-in Pressure for flowing well
Pumping Water Level 180 feet at 8 gal. per minute.
Discharge in gal. per min. of flowing well

How Tested: Drilling
Length of Test: 2 hr.
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Show exact depth of bottom.

(Continue on reverse side)

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

Driller's License Number: 
Driller's Signature: 

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

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

Ralph Cren

having first been duly sworn, deposes, and says that he is of lawful age and

the appropriator and claimant of the order and water right mentioned in the foregoing notice of

completion of groundwater appropriation by means of well and the person whose name

subscribed thereto, as the appropriator and claimant, that he knew the

contents of said foregoing notice and that the matters and things therein stated are true.

Ralph Cren

Subscribed and sworn to before me, this 10th day of July, 1967.

Gary E. Lauder
Natural Resources for the State of Montana

Residing at Newport, Montana

My Commission expires
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Sophie J. Johns, d.o. Holzdele
Box 371

County of ________________________
State of ________________________

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1982, as follows:

1. Description of Groundwater Right
   - Name of Applicant
   - Address

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

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

4. The amount of groundwater pumped (in millions of gallons per minute):
   • Spring = 50 gallons per hour

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 at present

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   • Well Pump -ting Mill Possible

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   • 1961 for well - spring

8. The depth of water table:
   • 40 ft. from surface to 80 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 - 8
   • 80 to 100 ft.

10. The estimated amount of groundwater withdrawn each year according to amount of rainfall:
    • None

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

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

Signature of Owner
Date: _________________

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

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

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