## Groundwater Index

**County:** Stillwater  
**Twp.:** H.N  
**Rge.:** 19 E

<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>4</td>
<td>Wepplof, George</td>
<td>GW-1</td>
<td>18552</td>
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<td>20</td>
<td>Fritz, E.F. &amp; Mary</td>
<td>GW 3</td>
<td>186591</td>
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<td>23</td>
<td>Fritz, E.F. &amp; Mary</td>
<td>GW 4</td>
<td>186592</td>
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<tr>
<td>34</td>
<td>Hines, T. &amp; William</td>
<td>Well 199</td>
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<tr>
<td>34</td>
<td>Hines, Ranch</td>
<td>GW 3</td>
<td>204789</td>
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<td>204751</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. George Weppler, of Lygate, Montana
   (Name of Appropriator)
   (Address)                                      (Town)
   (County of) Stilwater                         (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 and Household

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: before 1933

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

   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: just yard

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: as before 1933 and up to 7-1-1953

   8. The depth of water table: varies

   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: All wells have 6' casing up to 300 feet deep and casing set to necessary depth.

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 The estimated amount of groundwater withdrawn each year: unknown

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

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

   Signature of Owner: [Signature]
   Date: Dec. 27, 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.
STATE OF MONTANA
COUNTY OF STILLWATER

I hereby certify that the above instrument was filed and indexed in this office on the 27th day of December, A. D. 19---, at 11:30 o'clock A. M.

[Signature]
COUNTY RECORDER

By: ____________________________ Deputy
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater
Owner: Fred & Mary Ann
Address: PO Box 212, Ennis

Contractor (if any) None
Address of Contractor None

Date Started Various
Date Completed Various

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

Natural processes requiring occasional digging and improvement for maximum flow.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent, estimate approximate lengths of periods of use. Estimated one million gallons per year. Used for stock watering purposes and garden. Used continuously year round.

Signature of Owner Fred Fritz, Jr.
Date December 30, 1963

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

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

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

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

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

Mary
Fred Fritz Jr., & Anna Fritz

PO Box 212, Rapelje, Montana

County: Stillwater
State: Montana

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

1. Declaration of Vested Groundwater Rights

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

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

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
   Primarily for stock watering, some irrigation on garden plot 4 acres, lawn 4 acres.

6. The means of withdrawing each water from the ground and the location of each water works is:
   Windmills and the electric pump. (Well #1: by windmill; Wells 1 & 2 by electric pumps.)
   Various dates as shown above. Average depths of:
   Well #1 is 30 feet; Well #2 is 76 feet deep; Well #3 is 55 feet deep.
   Well #4 is 30 feet; Well #5 is 55 feet; Well #6 is 40 feet; Well #7 is 100 feet deep.

7. The date of commencement and the method of construction of the well, well, or other works for withdrawal of groundwater:
   Various dates as shown above. Average depths of:
   Well #1 is 30 feet; Well #2 is 76 feet deep; Well #3 is 55 feet deep.
   Well #4 is 30 feet; Well #5 is 55 feet; Well #6 is 40 feet; Well #7 is 100 feet deep.

8. The depth of water table:
   Various dates as shown above. Average depths of:
   Well #1 is 30 feet; Well #2 is 76 feet deep; Well #3 is 55 feet deep.
   Well #4 is 30 feet; Well #5 is 55 feet; Well #6 is 40 feet; Well #7 is 100 feet deep.

9. So far as it may be available, the type, size, and depth of each well or any general specifications of any other works for the withdrawal of groundwater:
   Windmills and electric pump is used on one well; windmill on one well and electric pumps on the other two. 20 gauge casing used on well #1.

10. The estimated amount of groundwater withdrawn each year: 1,500,000 gallons per year

11. A description of formations penetrated in the drilling of wells, if available:
   Light brown clay, dark brown clay, grey sand and silt.

12. Any other information of a similar nature as may be useful in carrying into effect police and sanitary conditions pertaining to the use of the wells and the electrical pumps during the summer for watering stock, also used during winter as stock necessity dictates.

   Signature of Owner:  
   Fred Fritz
   Date: December 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 QUADRUPLE for the Appropriator.
STATE OF MONTANA
COUNTY OF STUMWAVER
I, hereby certify that the above instrument was filed and indexed in this office on the 22nd day of December, A.D. 1863, at the office of the recorder of this county.

Gertrude H. Colhoun
Recorder

By: Director
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Location: Sec. 34, T. 4N, R. 19E</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner: T. RENWICK MINES</td>
</tr>
<tr>
<td>Driller: LEROY E. JOHNSON</td>
</tr>
<tr>
<td>Date Started: NOVEMBER 15, 1967</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>DRILLED</td>
<td>CABLE PTOOL</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water use:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>[ ]</td>
</tr>
<tr>
<td>Municipal</td>
<td>[ ]</td>
</tr>
<tr>
<td>Stock</td>
<td>[ ]</td>
</tr>
<tr>
<td>Irrigation</td>
<td>[ ]</td>
</tr>
<tr>
<td>Industrial</td>
<td>[ ]</td>
</tr>
<tr>
<td>Drainage</td>
<td>[ ]</td>
</tr>
<tr>
<td>Other</td>
<td>[ ]</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 ft. to 20 ft.</td>
<td>HEAVY - BLACK</td>
<td>6&quot; SURFACE PIPE</td>
</tr>
<tr>
<td>0 ft. to 100 ft.</td>
<td>HEAVY - BLACK</td>
<td>6&quot;</td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Ft. 68 to Ft. 125</td>
<td></td>
</tr>
</tbody>
</table>

| Type of screen or perforations: | CYCLO-ACETYLENE CUTS |

| Static Water level, for non-flowing well: | 50 feet |
| Shut-in pressure, for flowing well: | 1 lb./sq. in. on: (date) |
| Pumping water level: | 78 feet at 0 gal. per min |
| How tested: | RAIDER |
| Length of test: | 8 HOURS |

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

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0  - 1'</td>
<td>TOP SOIL</td>
</tr>
<tr>
<td>1'  - 16'</td>
<td>BROWN SANDY SHALE</td>
</tr>
<tr>
<td>16'  - 28'</td>
<td>BROWN SANDSTONE</td>
</tr>
<tr>
<td>28'  - 37'</td>
<td>SHALE</td>
</tr>
<tr>
<td>37'  - 46'</td>
<td>SANDSTONE</td>
</tr>
<tr>
<td>46'  - 65'</td>
<td>SHALE</td>
</tr>
<tr>
<td>65'  - 121'</td>
<td>GREY SANDSTONE</td>
</tr>
<tr>
<td>121' - 128'</td>
<td>BLUE SHALE</td>
</tr>
</tbody>
</table>

DRILLED INTO WATER FLOW AT 100' - EIGHT GALLONS A MINUTE.

WATER LEVEL 30' FROM SURFACE.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Box 988

Owner: T. Sewell Mines
Address: Billings, MT 59103
Driller: Larry E. Johnson
Address: Billings, Montana

Date of Notice of Appropriation of Groundwater: Nov. 15, 1957
Date Completed: Nov. 20, 1957

State of Montana
County of Stillwater

Top of Ground
(Elev. above sea level 4350)

Top soil

Brown sandy shale

Brown sandrock

Shale

Sandrock

Grey sandrock

Blue shale

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>Piercations</th>
</tr>
</thead>
<tbody>
<tr>
<td>3&quot;</td>
<td>8&quot; Heavy</td>
<td>0'</td>
<td>16'</td>
<td>Surface Pipe</td>
</tr>
<tr>
<td>6&quot;</td>
<td>6&quot; Heavy</td>
<td>0'</td>
<td>123'</td>
<td>Oxy-Act. 63'</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 50 feet.

Shut-in Pressure for flowing well: 75 psi.

Pumping Water Level: 135 feet at 75 gal. per minute.

Discharge in gal. per min. of flowing well: 123.

How Tested: Bailer. Length of Test: 2 Hours.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) No packing.

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

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

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

Larry E. Johnson, Deceased
Driller's Signature

Drilled before license required
Driller's License Number

File No. 204749
# 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:**

**Driller:**

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

**Date well started:**

**Date completed:**

## Type of well:
- **Drilled**
- **Equipment used:**
  - Churn drill, rotary or other

## Water use:
- Domestic
- Municipal
- Irrigation
- 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>Kind of Strata</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6.58</td>
<td>18.77</td>
<td>16</td>
</tr>
<tr>
<td>4.28</td>
<td>6</td>
<td>126</td>
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<tr>
<td>10</td>
<td>110</td>
<td>122</td>
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</table>

## Perforations

<table>
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<tr>
<th>Kind of Strata</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>126 foot water</td>
<td></td>
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</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**

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

**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).**

**Count of Montana Administrator of Groundwater Code State Water Conservation Board**

**STATE OF MONTANA**

**COUNTY OF STILLWATER**

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

**Count of Montana Administrator of Groundwater Code State Water Conservation Board**

**STATE OF MONTANA**

**COUNTY OF STILLWATER**

**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).**

---

**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. A tissue copy to be retained by driller.**

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

**Driller's License Number:**

**Driller's Signature:**
<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>4</td>
<td>Brickley &amp; Brickley</td>
<td>GW-3</td>
<td>186526</td>
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<td>11</td>
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<td>38</td>
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<tr>
<td>31</td>
<td>Herzig Farms, Inc.</td>
<td>GW-2</td>
<td>207363</td>
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<td>21</td>
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<td>GW-3</td>
<td>207362</td>
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<td>26</td>
<td>Ray, Robert E. Y. McF.</td>
<td>GW-3</td>
<td>207362</td>
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<td>25</td>
<td>Haggland, Robert</td>
<td>GW-4</td>
<td>195414</td>
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<td>27</td>
<td>Mellenbeck, Jack</td>
<td>well log</td>
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<td>33</td>
<td>Brickley &amp; Brickley</td>
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<td></td>
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<td>34</td>
<td>Brickley, W. P.</td>
<td>GW-4</td>
<td>185215</td>
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<td>35</td>
<td>Brickley &amp; Brickley</td>
<td>well log</td>
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</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1927 on all springs

Owner: Brickley Land & Livestock Inc., Rapid City, Mont.
By: W.P. Brickley, Montana

Address of Contractor: None

Date Started: Date Completed:

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

#1. Excavated and piped to tank
#2. #3. All free flowing springs into creek

All water rights claimed on various other small springs.

Quantity of water developed and used, with explanation of method used to measure or estimate such amount. If use is intermittent, estimate approximate lengths of periods of use.

#1. NE 1/4 SW Sec. 39, T. 3N, R. 20E

#2. NW 1/4 Sec. 28, T. 3N, R. 20E

#3. SE 1/4 Sec. 14, T. 3N, R. 20E

#4. SW 1/4 Sec. 11, T. 3N, R. 20E

Signature of Owner: 
Date: Dec. 23, 1963

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriation.
STATE OF MONTANA
COUNTY OF STILLWATER

I hereby certify that the above instrument was filed and indexed in this office on the ___ day of, ___
A. D. ___, at ___ o'clock A.M.

[Signature]
COUNTY RECORDER

By: ________________________ Deputy
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: Herzog Farms, Inc.
Address: Popelje, Mont.
Date well started: GW 1 2.28.63
Completed: June 15, 1973
Type of well: drilled
Equipment used: churn drill
Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

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

ESTIMATED ANNUAL WITHDRAWAL: 2,000,000 gallons

<table>
<thead>
<tr>
<th>Size of Perforated Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; x 6&quot;</td>
<td>20' down</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

PERFORATIONS

Static water level: 60' ft.
Pumping water level: 65' ft.
at: 4.5 gallons per minute, measured .60 minutes after pumping began.
*Measured from ground level.
Power: 25 HP Pump:
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature
Driller's Address
License No.
I hereby certify that the foregoing instrument was received in this office
ON THE 15TH DAY OF JUNE, 1944
A.D. 1944
AT 08:00 AM

THOMAS R. POLK
CLERK

BY

DEPUTY
# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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

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

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

<table>
<thead>
<tr>
<th>For Administrator’s Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>File: 207466</td>
</tr>
<tr>
<td>June 15, 1973</td>
</tr>
<tr>
<td>GW 1 2:35 p.m.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Owner: R. E. F. Farms, Butte, Mont.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address: 1000 Farm Rd, Butte, Mont.</td>
</tr>
<tr>
<td>Contractor (if any):</td>
</tr>
<tr>
<td>Address of Contractor:</td>
</tr>
<tr>
<td>Date Started:</td>
</tr>
<tr>
<td>Date Completed:</td>
</tr>
</tbody>
</table>

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)

2. Means of withdrawing water (gravity, pump, canal, etc.)

3. Depth of water table

4. Use of the water

5. Amount of groundwater claimed (in miner’s inches or gallons per minute)

6. If used for irrigation, give number of acres and description of land

7. Estimate amount of water used each year

8. Months of year spring flows

**Signature of Owner:**

**Date:** 6-15-73
STILLWATER COUNTY
STATE OF MONTANA

File No. 15628 ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Robert E. Ray & Meta Ray, of Belmont, Montana

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

<table>
<thead>
<tr>
<th>Sec. 26</th>
<th>Sec. 25</th>
<th>Sec. 26</th>
<th>Sec. 26</th>
<th>Sec. 26</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

WELLS

<table>
<thead>
<tr>
<th>Wells</th>
<th>No. 1</th>
<th>No. 2</th>
<th>No. 3</th>
<th>No. 4</th>
<th>No. 5</th>
<th>No. 6</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. Basis of Beneficial Use

<table>
<thead>
<tr>
<th>No. 1</th>
<th>Stock</th>
</tr>
</thead>
</table>

3. Approx date of Use

<table>
<thead>
<tr>
<th>No. 1</th>
<th>1915</th>
</tr>
</thead>
</table>

4. Amount claimed in machine inches or gallons per min.

<table>
<thead>
<tr>
<th>No. 1</th>
<th>200 gals</th>
</tr>
</thead>
</table>

5. Acres irrigated

<table>
<thead>
<tr>
<th>No. 1</th>
<th>None</th>
</tr>
</thead>
</table>

6. Location of Well

<table>
<thead>
<tr>
<th>No. 1</th>
<th>NW 1/4 Sec 26</th>
</tr>
</thead>
</table>

7. Means of Withdrawal

<table>
<thead>
<tr>
<th>No. 1</th>
<th>Electric pump</th>
</tr>
</thead>
</table>

8. Date of Commencement

<table>
<thead>
<tr>
<th>No. 1</th>
<th>1915</th>
</tr>
</thead>
</table>

9. Date of Completion

<table>
<thead>
<tr>
<th>No. 1</th>
<th>1926</th>
</tr>
</thead>
</table>

10. Depth of water table

<table>
<thead>
<tr>
<th>No. 1</th>
<th>50 ft</th>
</tr>
</thead>
</table>

11. Type, size, depth of specifications of works

<table>
<thead>
<tr>
<th>No. 1</th>
<th>125' deep, dug by hand</th>
</tr>
</thead>
</table>

12. Estimated amount withdrawn annually

<table>
<thead>
<tr>
<th>No. 1</th>
<th>1,000,000</th>
</tr>
</thead>
</table>

13. Log, if available

<table>
<thead>
<tr>
<th>No. 1</th>
<th>No</th>
</tr>
</thead>
</table>

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

Signature of owner: Robert E. Ray

Date: Dec 30, 1963
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Date of Appropriation of Groundwater: Sec. 26, 1958
Sec. 25, 1951

Owner: Robert F. Ray
Address: Helena, Montana

Contractor (if any): Self
Address of Contractor: 

Date Started: 1958 Date Completed: 1958

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

No. 1. Dug out and piped thru lift pipe to tank.
No. 2. Dug out and piped thru lift pipe to tank.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use.

No. 1 Developed 500,000 gals. per year for livestock and used the year around.
No. 2 Developed 200,000 gals. developed per year and used for livestock the year around.

Signature of Owner: Robert F. Ray
Date: Dec. 31, 1961

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
1. Robert D. Hoogland, of Rapelje, County of Stillwater, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>Section</th>
<th>Sec. 19</th>
<th>Sec. 19</th>
<th>Sec. 25</th>
<th>Sec. 1</th>
<th>Sec. 5</th>
<th>Sec. 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>WELLS</td>
<td>No. 1</td>
<td>No. 2</td>
<td>No. 3</td>
<td>No. 4</td>
<td>No. 5</td>
<td>No. 6</td>
</tr>
</tbody>
</table>

2. Basis of Beneficial Use: Stockwater Stockwater Stock & Domestic

   How continuous? Summer Months Summer months Year around

4. Amount claimed in miner's inches or gallons per min: 9 gal 8 gal per min 50 gal per min

5. Acres irrigated: N.A. N.A. Yard
   Description: N.A. N.A.
   Name of Owner: N.A.

6. Location of Well: S1/2 NE1/4 S1/2 SE1/4 NE1/4
   Means of Withdrawal: Elec Elec Elec
   Date-Commencement: 6/20/61 N.A. Sept 1960
   Date-Completion: 11/31/61 N.A.

7. Depth of water table: 60 ft 20 ft 8 ft

8. Type, size, depth of Casings: Galv 6" Galv Casing Casing
   of works: Casing Casing Casing

9. Estimated amount withdrawn annually: 50,000 50,000 50,000

11. Log, if available:
   1 to 5' Top Black soil
   5 to 10 Brown Sand Rock & Clay
   10 to 20 Light Gray Sand Rock
   20 to 127 Dark Gray Rock & Shale
   N.A. N.A.

12. Other Information

Signature of owner: [Signature]
Date: [Date]

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Jack Mullenbrock
Address: Belmont, Mont.

Driller: Albert Heck
Address: Earlowton, Mont.

Date Started: Mar. 23
Date Completed: Mar. 26

Location: Sec. 27, T. 14N., R. 20E, 34 sec. NE.

Type of well: Drilled
Equipment used: Cable Tool

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

Casing: 1 ft. to 25 ft. Type: Galv. Size: 6"

Casing: ________ ft. to ________ ft. Type: ________ Size: ________

Casing: ________ ft. to ________ ft. Type: ________ Size: ________

Perforated or Screened: ________ ft. to ________ ft. ________ ft. to ________ ft.

Type of screen or perforations: ________

Static Water level, for non-flowing well: ________ feet.

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

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

How tested: Baler ________

Length of test: ________ hours

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>1</td>
<td>60</td>
</tr>
<tr>
<td>60</td>
<td>110</td>
</tr>
<tr>
<td>110</td>
<td>150</td>
</tr>
</tbody>
</table>
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Brickley &amp; Brickley</td>
<td>Rapelje, Mont</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albert Hook</td>
<td>Harlowton, Montana</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>May 15, 1960</td>
<td>May 19, 1960</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location:</th>
<th>Sec.</th>
<th>T.</th>
<th>N.</th>
<th>¼ sec.</th>
<th>SE</th>
</tr>
</thead>
</table>

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

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>65</td>
<td>Iron</td>
<td>6&quot;</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Ft. to</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>30</td>
<td>0</td>
<td>Size</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
<th>Drilled, Hole.</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>¾&quot;</td>
</tr>
</tbody>
</table>

Static Water level, for non-flowing well: 30 feet.

Shut-in pressure, for flowing well: 10 lb/sq. in. on: (date)

Pumping water level: 30 feet at 14.5 gal. per min.

How tested: Baler

Length of test: ¾ hours

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>1</td>
<td>25 Brown rock and clay</td>
</tr>
<tr>
<td>25</td>
<td>60 Brown clay</td>
</tr>
<tr>
<td>60</td>
<td>70 Brown sand rock</td>
</tr>
</tbody>
</table>
**DECLARATION OF VESTED GROUNDWATER RIGHTS**

(under Chapter 237, Montana Session Laws, 1961)

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

<table>
<thead>
<tr>
<th>Sec. 11</th>
<th>Sec. 21</th>
<th>Sec. 31</th>
<th>Sec. 41</th>
<th>Sec. 51</th>
<th>Sec. 61</th>
</tr>
</thead>
<tbody>
<tr>
<td>WELLS</td>
<td>No. 1</td>
<td>No. 2</td>
<td>No. 3</td>
<td>No. 4</td>
<td>No. 5</td>
</tr>
</tbody>
</table>

1. **W. P. Trickey**, of **Monteleva**

2. **Basis of Beneficial Use**
   - No. 1: Household
   - No. 2: Stock
   - No. 3: Stock
   - No. 4: Stock
   - No. 5: Stock
   - No. 6: Stock

3. **Approx date of Use**
   - No. 1: 1926
   - No. 2: 1926
   - No. 3: 1926
   - No. 4: 1926
   - No. 5: 1926
   - No. 6: 1926

4. **How continuous?**
   - No. 1: Winter only
   - No. 2: Winter only
   - No. 3: 6 months
   - No. 4: 6 months
   - No. 5: Not used at present

5. **Amount claimed in miner’s inches or gallons per min.**
   - No. 1: 8 gal
   - No. 2: 15 gal
   - No. 3: 50 gal
   - No. 4: 10 gal
   - No. 5: 30 gal

6. **Acres irrigated**
   - No. 1: None
   - No. 2: None
   - No. 3: None
   - No. 4: None
   - No. 5: None
   - No. 6: None

7. **Means of Withdrawal**
   - No. 1: Electric windmill
   - No. 2: Electric windmill
   - No. 3: No pump
   - No. 4: Electric windmill
   - No. 5: No pump
   - No. 6: Electric windmill

8. **Date-Commencement**
   - No. 1: 1926
   - No. 2: 1926
   - No. 3: 1926
   - No. 4: 1926
   - No. 5: 1926
   - No. 6: 1926

9. **Date-Completion**
   - No. 1: Unknown
   - No. 2: Unknown
   - No. 3: Unknown
   - No. 4: Unknown
   - No. 5: Unknown
   - No. 6: Unknown

10. **Type, size, depth or specifications of works**
    - No. 1: Drilled, 30'-8" deep, 6' steel casing
    - No. 2: Drilled, 30'-8" deep, 6' steel casing
    - No. 3: Drilled, 30'-8" deep, 6' steel casing
    - No. 4: Drilled, 30'-8" deep, 6' steel casing
    - No. 5: Drilled, 30'-8" deep, 6' steel casing
    - No. 6: Drilled, 30'-8" deep, 6' steel casing

11. **Estimated amount withdrawn annually**
    - No. 1: 40,000
    - No. 2: 270,000
    - No. 3: 665,000
    - No. 4: 500,000
    - No. 5: 750,000

12. **Log, if available**
    - No. 1: NA
    - No. 2: NA
    - No. 3: NA
    - No. 4: NA
    - No. 5: NA
    - No. 6: NA

**Signature of owner**: [Signature]

**Date**: Dec 23, 1963

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

I hereby certify that the above instrument was filed and indexed by this office on the 3rd day of \[\text{Date}\] A.D. \[\text{Year}\] at \[\text{Time}\] o'clock, P.M.

[Signature]
COUNTY ISLANDER

By: \[\text{Deputy}\]
WATER WELL LOG

Owner: Brickley & Brickley
Driller: Albert Beck
Date Started: May 8th, 1960
Date Completed: May 13th, 1960
Location: Sec. 35 T. 41N. R. 20E. ¼ sec. SE

Type of well: Drilled
Equipment used: Cable Tool

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

Casing: 2 ft. to 16½ ft. Type: Gravel Size: 6"
Casing: [ ] ft. to [ ] ft. Type: [ ] Size: [ ]
Casing: [ ] ft. to [ ] ft. Type: [ ] Size: [ ]
Perforated or Screened: Ft. 70 to Ft. 160 Ft. to Ft.

Type of screen or perforations: Drilled Hole 3"
Static Water level, for non-flowing well: 70 feet.
Shut-in pressure, for flowing well: [ ] lb./sq. in. on: [ ]
Pumping water level: 70 feet at: 10 gal. per min.
How tested: Baler
Length of test: 3 hours

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

(over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>1</td>
<td>35</td>
</tr>
<tr>
<td>35</td>
<td>160</td>
</tr>
<tr>
<td>Sec.</td>
<td>Name of Appropriator</td>
</tr>
<tr>
<td>------</td>
<td>--------------------------</td>
</tr>
<tr>
<td>2/12</td>
<td>Backlund, Hildagunde</td>
</tr>
<tr>
<td>2/14</td>
<td>Backlund, Vem F.</td>
</tr>
<tr>
<td>6</td>
<td>Sheehan, Gilbert</td>
</tr>
<tr>
<td>13</td>
<td>Zwickl, Winston H.</td>
</tr>
<tr>
<td>13</td>
<td>Hager, Winston H.</td>
</tr>
<tr>
<td>15</td>
<td>Bergoeck, Rev. H.</td>
</tr>
<tr>
<td>15</td>
<td>Bergoeck, Rev. H.</td>
</tr>
<tr>
<td>19</td>
<td>Hager, Robert D.</td>
</tr>
<tr>
<td>20</td>
<td>Hager, Robert D.</td>
</tr>
<tr>
<td>21</td>
<td>Williams, Albert E.</td>
</tr>
<tr>
<td>22</td>
<td>&quot;</td>
</tr>
<tr>
<td>27</td>
<td>&quot;</td>
</tr>
<tr>
<td>28</td>
<td>&quot;</td>
</tr>
<tr>
<td>25</td>
<td>Brinkel, William E.</td>
</tr>
<tr>
<td>34</td>
<td>Hager, William E.</td>
</tr>
<tr>
<td>35</td>
<td>Brinkel, Bernard</td>
</tr>
<tr>
<td>36</td>
<td>Hager, William E.</td>
</tr>
</tbody>
</table>
DEPARTMENT OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Hildagarde Robbards, or 1107 South 5th, Bozeman
   (Name of Appropiater) (Address) (Town)

   County of Stillwater, State of Montana 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: Stock watering.

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Fall 1936.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): sec 2 spring 50 gpm; sec 12 spring 45 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: Not applicable.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Not applicable.

8. The depth of water table: Not applicable.

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: Not applicable.

10. The estimated amount of groundwater withdrawn each year: Not available.

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

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: Hildagarde J. Robbards
Date: 11/21/1964

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.
186788

COUNTY

31st December

[Signature]

By: [Signature]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Date of Appropriation of Groundwater: Oct. 12, 1963
Owner: R.P. Brinks / Address: Broadview, Mont.
Contractor (if any): Bud Hansen
Address of Contractor: Roundup, Montana
Date Started: Oct. 8 / Date Completed: Oct. 10

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

No. 1 natural flowing

Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent,
estimate approximate lengths of periods of use.

No. 1 flows the year continuously

Signature of Owner: William R. Brinks
Date: Oct. 31, 1963

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

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

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

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Oct 1963
Owner: W. F. Bernkel, Address: Broadview, Mont.
Contractor (if any): Bud Hansen
Address of Contractor: Roundup, Montana
Date Started: Oct 8
Date Completed: Oct 10

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

<table>
<thead>
<tr>
<th>No.</th>
<th>Natural Flowing</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Natural flowing</td>
</tr>
<tr>
<td>2</td>
<td>Natural flowing</td>
</tr>
</tbody>
</table>

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use.

No. 1 flows continuously around the year.

Signature of Owner: William F. Bernkel
Date: Oct 31, 1963

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

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

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

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

I hereby certify that the above instrument was filed and recorded in this office on the 26th day of October
A.D. 1902, in Book No. 8, p. 19.

Gertrude H. Cather-
COUNTY CLERK

By: ____________________________
Deputy
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1953, when purchased
Owner: Gilbert Sheffy
Address: Bayview, Montana
Contractor (if any): N/A
Address of Contractor: N/A
Date Started: N/A
Date Completed: N/A
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes." Include depth to water when applicable: Natural spring

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use: 8 gallons per minute. Used for stockwater from April until December

Signature of Owner: Gilbert Sheffy
Date: January 29, 1963

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

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

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

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

The section contains only 311 acres and is about as shown above.
STATE OF MONTANA
COUNTY OF STILWATER

I hereby certify that the above instrument was filed and indexed in this office on the 30th day of January
A.D. 19_ _, at __ o'clock A.M.

GUIDE: H. CALHOUN
COUNTY RECORDER

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

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1953

Owner: Gilbert Sheflly
Address: Augusta, Mont.

Contractor (if any): 
Address of Contractor: 

Date Started: 
Date Completed: 

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. 

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

Signature of Owner: Gilbert Sheflly
Date: January 29, 1963

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

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

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

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

This section contains only 311 acres and is about as shown above.
STATE OF MONTANA
COUNTY OF LEO, LEO
I hereby certify that the above instrument was filed and indexed in this office on the 30th day of January, A.D. 1943, at 9:15 o'clock A.M.

Gertrude B. Calhoun
COUNTY RECORDER
By: 

[Handwritten signature]
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 23? Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner: Winston H. Zwickel. Address: Broadview

Contractor (if any) None

Address of Contractor

Date Started Date Completed

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent, estimate approximate lengths of periods of use.

Continuous use Quantity not measured

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

Signature of Owner: Winston H. Zwickel

Date: November 15th, 1963

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

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

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

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

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 227, Montana Session Laws, 1961)

Date of Appropriation of Groundwater: ________________________________

Owner: W. T. Zentick
Address: Box 116

Contractor (if any): None
Address of Contractor: ________________________________

Date Started: ________________________________ Date Completed: ________________________________

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes," include depth to water when applicable: Natural running spring

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use:

Continuous use: Quantity not measured

SE. 4 SE. Sec. 11, TUL. R. 21
Indicate point of appropriation and place of use, if possible.

Signature of Owner: ________________________________ Date: November 15th, 1963

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

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

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

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

I hereby certify that the above instrument was filed and indexed in this office on the ___ day of ___ A.D. 19__, at ___ o'clock ___ A.M.

Deputy

COUNTY AT ___ O'CLOCK ___ A.M.

COUNTY ___ O'CLOCK ___ A.M.

COUNTY ___ O'CLOCK ___ A.M.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

1. John H. Nickel
   (Name of Appropriator)
   of
   Broadview
   Montana
   (Address)
   (Town)

County of Stillwater
State of Montana

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

2. The beneficial use on which the claim is based
   - Household and stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   - 1916
   - Good flowing year around

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

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

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

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

8. The depth of water table
   - 50 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   - 6" hole
   - 50 feet deep

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

11. The log or information encountered in the drilling of each well if available
    - Not available

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

Signature of Owner

Date

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 STILLWATER

I hereby certify that the above instrument was filed and indexed in this office on the 1st day of July, 1923, at 2 o'clock P.M.

Supt. of Deeds, Calhoun
COUNTY RECORDER

By: ________________________ Deputy
STATE OF MONTANA  

ADMINISTRATOR OF GROUNDWATER CODE  

OFFICE OF STATE ENGINEER  

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

JAN 8 1964  

Agent  

Paul A. Umhoefer  

C. D. Wolfe, Agent  

of Box 2522  

Billings  

County of Yellowstone  

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: well - livestock

2. Date or approximate date of earliest beneficial use: 1948, continuously

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 15 gallons

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: not applicable

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

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

7. The depth of water table: 120 feet

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: 6-inch casing - pump

9. The estimated amount of groundwater withdrawn each year: 7,884,000 gallons

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

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: Paul A. Umhoefer  

Date: December 31, 1963  

By: [signature]  

Agent  

STATE OF MONTANA, County of Yellowstone  

I, C. D. Wolfe, Agent for Paul A. Umhoefer, is the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed hereto, as the appropriator and claimant that he know all contents of said foregoing notice and that the matters and things therein stated are true.  

Subscribed and sworn to before me this 31st day of December 1963  

By: [signature]  

Agent  

[Signature]  

27747
COUNTY OF STILLWATER

I hereby certify that the above instrument was filed and indexed in this office on the 16th day of December, A. D. 1940, at 2 o'clock P. M.,

COUNTY ATTORNEY

By: ........................................ Deputy

Paul C. Blankenship

To

Marvina

July 4

Sec. 13 10-410 R-21E.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Paul A. Unhoefer, C.D. Wolfe, Agent, of Box 2522, Billings, Montana
   (Name of Appropriator) (Address) (Town)

   County of Yellowstone, 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 ____________________________spring-livestock

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute) 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 not applicable

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal improved 1952 - flowing

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater improved 1952

   8. The depth of water table flowing

   9. To 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 not applicable

   10. The estimated amount of groundwater withdrawn each year 6,862,000 gallons

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

   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 used continuously

   [Diagram of point of appropriation and location of wells]

   STATE OF MONTANA, County of Yellowstone
   C.D. Wolfe, Agent for Paul A. Unhoefer

   State of Montana, by Paul A. Unhoefer
   Agent
   Date: December 31, 1963

   By: [Signature]

   Notary Public for the State of Montana, residing Billings, Montana, My Commission expires April 21, 1964

   27/18
STATE OF MONTANA
COUNTY OF FILLWATER

I hereby certify that the above instrument was filed and indexed in this office on the 31st day of December, A.D. 1943, at 8:30 o'clock P.M.

Signature of Clerk

COUNTY RECORDER

By

Paul A. Umbarger

Public

Dec. 15 R-421 R.315.
# MONTANA BUREAU OF MINES AND GEOLOGY
## Butte, Montana

### WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Robert D. Hoagland</th>
<th>Address</th>
<th>Rapelje, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Albert Heck</td>
<td>Address</td>
<td>Hardway, Mont</td>
</tr>
<tr>
<td>Date Started</td>
<td>March 26</td>
<td>Date Completed</td>
<td>Mar 31</td>
</tr>
<tr>
<td>Location</td>
<td>Sec 19. T. 1/4. R. 21E. 1/4 sec. NW</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Type of screen or perforations</th>
<th>Static Water level, for non-flowing well:</th>
<th>Shut-in pressure, for flowing well:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>Cable Tool</td>
<td>60 feet</td>
<td>lb/sq. in. on: (date)</td>
</tr>
<tr>
<td>Water use:</td>
<td>Domestic □</td>
<td>Municipal □</td>
<td>Pumping water level: 60 feet at 6 gal. per min.</td>
</tr>
<tr>
<td></td>
<td>Stock □</td>
<td>Stock □</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Culinary □</td>
<td>Industrial □</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Irrigation □</td>
<td>Drainage □</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Other: □</td>
<td>Other:</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type of screen or perforations</th>
<th>Static Water level, for non-flowing well:</th>
<th>Shut-in pressure, for flowing well:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Galve □</td>
<td>60 feet</td>
<td>lb/sq. in. on: (date)</td>
</tr>
<tr>
<td></td>
<td>1 ft. to 36 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 ft. to 24 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 ft. to 12 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 ft. to 6 ft.</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>1 ft. to 1 ft.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth, feet</td>
<td>Description of Material Drilled</td>
</tr>
<tr>
<td>------------</td>
<td>-----------------------------------------------</td>
</tr>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>1</td>
<td>5</td>
</tr>
<tr>
<td>5</td>
<td>10</td>
</tr>
<tr>
<td>10</td>
<td>80</td>
</tr>
<tr>
<td>80</td>
<td>127</td>
</tr>
</tbody>
</table>

Log of Well
STILLWATER COUNTY
STATE OF MONTANA

DEPARTMENT OF WATER CONSERVATION BOARD
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

Robert D. Hoagland, of Rapelje, County of Stillwater, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>Sec. 19</th>
<th>Sec. 19</th>
<th>Sec. 25</th>
<th>Sec. 25</th>
<th>Sec. 25</th>
</tr>
</thead>
<tbody>
<tr>
<td>WELLS</td>
<td>No. 1</td>
<td>No. 2</td>
<td>No. 3</td>
<td>No. 4</td>
</tr>
</tbody>
</table>

2. Basis of Beneficial Use: Stockwater, Stockwater, Stock & Domestic


4. Amount claimed in gallons per min. per year:

<table>
<thead>
<tr>
<th>Wells</th>
<th>Use</th>
<th>Year Around</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 1</td>
<td>6</td>
<td>9</td>
</tr>
<tr>
<td>No. 2</td>
<td>9</td>
<td>50</td>
</tr>
</tbody>
</table>

5. Acres irrigated: N.A., N.A., Yard

6. Location of Well: SW 1/4 SW 1/4 SW NE 1/4


9. Type, size, depth of wells:

<table>
<thead>
<tr>
<th>Wells</th>
<th>Casing</th>
<th>Casing</th>
<th>Casing</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 1</td>
<td>6&quot;</td>
<td>6&quot;</td>
<td>6&quot;</td>
</tr>
</tbody>
</table>

10. Estimated amount withdrawn annually:

<table>
<thead>
<tr>
<th>Wells</th>
<th>50,000</th>
<th>50,000</th>
<th>50,000</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 1</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

11. Log, if available:

<table>
<thead>
<tr>
<th>Layer</th>
<th>Description</th>
<th>N.A.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1' to 5'</td>
<td>Top Black Soil</td>
<td>N.A.</td>
</tr>
<tr>
<td>5' to 10</td>
<td>Brown Sand Rock</td>
<td>N.A.</td>
</tr>
<tr>
<td>10' to 20</td>
<td>Light Gray Sand Rock</td>
<td>N.A.</td>
</tr>
<tr>
<td>20' to 127</td>
<td>Dark Gray Rock</td>
<td>N.A.</td>
</tr>
</tbody>
</table>

12. Other Information:

Signature of owner: Robert D. Hoagland
Date: 4-27-65

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

I hereby certify that the above instrument was filed and indexed in this office on the 27th day of
August, A.D. 1965, at ___ o'clock A.M.

Gertrude H. Calhoun
COUNTY RECORDER

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

Owner: ___________________________ 
Address: __________________________

Driller: ___________________________ 
Address: __________________________

Date of Notice of Appropriation of Groundwater: __________________________

Date well started: __________________________ 
Date Completed: __________________________

Type of well: Drilled 
Equipment Used: Cable Tool
(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 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>Kind</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Pipe Size and Weight of Casing</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drill</td>
<td>10</td>
<td>20</td>
<td>20 gauge</td>
</tr>
</tbody>
</table>

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

Shut-in Pressure for Flowing Well: __________________________ feet at __________________________ gal. per minute.

Pumping Water Level: __________________________ feet at __________________________ gal. per minute.

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

How Tested: __________________________ Length of Test: __________________________ hours

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

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

Show exact depth of bottom.

Driller's License Number: __________________________

Driller's Signature: __________________________

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA
COUNTY OF STILLWATER

I hereby certify that the above instrument was filed and indexed in this office on the 3rd day of October, A.D. 19_, at ___ o'clock ___ M.

[Signature]
COUNTY RECORDER

By: [Signature] Deputy
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Albert H. Fickler
Address: Lewistown, Montana
Driller: Albert Fickler
Address: Lewistown, Montana

Date of Notice of appropriation of groundwater: March 19
Type of well: Drilled
Equipment used: Cable 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.

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

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

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).

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 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: 1114
Driller's Signature: Albert Fickler
STATE OF MONTANA
COUNTY OF STILLWATER

I hereby certify that the above instrument was filed and recorded in this office on the 23rd day of March
A. D. 19__8, at __:__ o'clock P.M.

Gertrude H. O’Doherty
COUNTY RECORDER

By: ___________________________ Deputy
## Declaration of Vested Groundwater Rights

**State of Montana, County of Stillwater, Town of Navajo, Rge 21 E, Sec. 19, Block 167, Lot 14, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:**

### Table: Appropriation Details

<table>
<thead>
<tr>
<th>WELLS</th>
<th>Sec. 20</th>
<th>Sec. 22</th>
<th>Sec. 26</th>
<th>Sec. 3</th>
<th>Sec. 4</th>
<th>Sec. 5</th>
<th>Sec. 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 1</td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. 2</td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. 3</td>
<td></td>
<td></td>
<td>x</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. 4</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. 5</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>No. 6</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

### Basis of Beneficial Use

- Livestock
  - Wells No. 1
  - Wells No. 2
  - Wells No. 3
  - Wells No. 4
  - Wells No. 5
  - Wells No. 6

### Approx Date of Use

- 1925
  - Wells No. 1
  - Wells No. 2
  - Wells No. 3
  - Wells No. 4
  - Wells No. 5
  - Wells No. 6

### Amount Claimed

- 30 gals
  - Wells No. 1
  - Wells No. 2
  - Wells No. 3
  - Wells No. 4
  - Wells No. 5
  - Wells No. 6

### Acres Irrigated

- NA
  - Wells No. 1
  - Wells No. 2
  - Wells No. 3
  - Wells No. 4
  - Wells No. 5
  - Wells No. 6

### Description

- NA
  - Wells No. 1
  - Wells No. 2
  - Wells No. 3
  - Wells No. 4
  - Wells No. 5
  - Wells No. 6

### Means of Withdrawal

- Windmill
  - Wells No. 1
  - Wells No. 2
  - Wells No. 3
  - Wells No. 4
  - Wells No. 5
  - Wells No. 6

### Date of Completion

- 1925
  - Wells No. 1
  - Wells No. 2
  - Wells No. 3
  - Wells No. 4
  - Wells No. 5
  - Wells No. 6

### Depth of Water Table

- 100 ft
  - Wells No. 1
  - Wells No. 2
  - Wells No. 3
  - Wells No. 4
  - Wells No. 5
  - Wells No. 6

### Log, if Available

- NA
  - Wells No. 1
  - Wells No. 2
  - Wells No. 3
  - Wells No. 4
  - Wells No. 5
  - Wells No. 6

### Other Information

- NA
  - Wells No. 1
  - Wells No. 2
  - Wells No. 3
  - Wells No. 4
  - Wells No. 5
  - Wells No. 6

**Signature of owner: Agnes Day**

**Date: Dec 30, 1963**

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

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1930
Owner: Agnes Ray
Address: Rampage, Montana

Contractor (if any): Self
Address of Contractor:

Date Started: 1960
Date Completed: 1960

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring on Sec 28 poured concrete trough, runs from trough to tank in 1½ pipe. Runs 5 gals per min. use 500,000 gals per year for livestock water. Sec. 22 35 ft deep, 2½ iron casing, 1½ pipe to tank - 5 gals per min. 500,000 gals per year for livestock water. Sec. 27 poured concrete trough runs from trough to tank.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. It is intermittent estimate approximate lengths of periods of used to measure or estimate such amount. It is intermittent

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

SW ¼ NE Sec 28 T 16 N R 21 E
SESE Sec 22 T 16 N R 21 E
NWSE Sec 27 T 16 N R 21 E

Signature of Owner: Agnes Ray
Date:

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

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

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

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

274pp