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

James H. Parker & A. R. Kuhlenreich of Box M Shelby, Montana
(Name of Appropriator) (Address) (Town)

County of Toole State of Montana

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

Well A, Well B, Well C

1. The beneficial use on which the claim is based: Well A, B, C

irrigation, domestic, stock, or agricultural purposes

2. Date or approximate date of earliest beneficial use: prior to 1922

3. The amount of groundwater claimed (in miner's inches or gallons per minute): Wall A 17 Gallons per minute, Well B 17 Gallons per minute, Well C 17 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

APPRAISSED acres in SW1/4 of Section 26, T. 32N, R. 19W, owned by appropriators

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Wells A, B, C electric pumps

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: prior to 1922

7. The depth of water table: 17 feet beneath surface in all three wells

8. So far as it may be available, the type, size and depth of each well or the general specifications of any other work for the withdrawal of groundwater: 2 inch cut-off about 17 feet below at bottom

9. The log of formations encountered in the drilling of each well if available: None

10. The estimated amount of groundwater withdrawn each year: Wall A 177.777 gallon, Wall B 177.777 gallon, Wall C 177.777 gallon

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: None

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

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

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

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 217 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: Walt Formosa
Address: 523 - 4th Ave SE
Great Falls, MT

Date well started: 11-20-71
Date well completed: 11-21-71

Type of well: Drilled

Equipment used: Churn

Water Use: Domestic
Industrial

*Describe:

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

ESTIMATED ANNUAL WITHDRAWAL: 50,000 gal.

<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Top of Ground (Elevation in feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>700</td>
</tr>
<tr>
<td>23</td>
<td></td>
</tr>
</tbody>
</table>

PERFORATIONS:

<table>
<thead>
<tr>
<th>Kind of Perforation</th>
<th>From (ft)</th>
<th>To (ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>0</td>
<td>23</td>
</tr>
</tbody>
</table>

Static water level: 9 ft.*
Pumping water level: 12 ft.*
Power: 1 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: [Signature]
Driller's Address: 1st St SW, Great Falls, MT

LICENSE NO: 111

Show exact depth of bottom: 52.74 ft.
STATE OF MONTANA
COUNTY OF FLATHEAD

Filed on the 3day of March
A.D. 1973 at 3 O’Clock P.M.

County Clerk and Recorder

By: Deputy

14/650
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**

**Address**

**Date well started**

**Type of well**

**Equipment used**

**Water Use:**

*Indicate Character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.*

**ESTIMATED ANNUAL WITHDRAWAL**

**WELL DEVELOPED BY**

**POWER**

**REMARKS:**

*Gravel packing, cementing, packers, type of shutoff*
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Owner: __________________________ Address: __________________________

Driller: __________________________ Address: __________________________

Date of Notice of Appropriation of Groundwater: __________________________

Date well started: __________________________ Date completed: __________________________

Type of well (drilled, driven, bored or augered): __________________________

Type of strata (clay, gravel, sand, etc.): __________________________

Water Use: Domestic □ Municipal □ Other □ Irrigation □ Industrial □ Drainage □ Stock □

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

<table>
<thead>
<tr>
<th>Strata</th>
<th>Character</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clay</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rock</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sandstone</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shalestone</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Coal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Limestone</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

Shut-in Pressure for Flowing Well: ______ feet at ______ psig.

Pumping Water Level: ______ feet at ______ gph.

Discharge in gph at ______ gpm.

How Tested: Driller's License Number: __________________________

Remarks: __________________________

Driller: __________________________ Address: __________________________

Driller's License Number: __________________________

Driller's Signature: __________________________

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

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

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

46536
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 27, 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: Tim Fertle

Address: PO Box 262

Self-drilled, 65 ft. deep, Dec 9, 1992, 11:15 a.m.

Date well started: 7-18-72

completed: 7-26-72

Top of Ground

<table>
<thead>
<tr>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>60</td>
</tr>
<tr>
<td>60 75</td>
<td>Gravel &amp; Sandstone</td>
</tr>
</tbody>
</table>

Type of well: Drilled

Equipment used: Churn

Water Use: Domestic

Industrial

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL: 75,000 Gal.

<table>
<thead>
<tr>
<th>Kind of Well</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>None</td>
<td>0</td>
<td>75</td>
</tr>
</tbody>
</table>

Static water level: 68 ft.

Pumping water level: 80 ft.

Measured 80 gallons per minute, measured 60 minutes after pumping began.

*Measured from ground level.

Well developed by Equine for ___ hours.

Power: 230... Pumps: 34... HP: [redacted]

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

Driller's Signature: [redacted]

Driller's Address: PO Box 967

Cal. Falls, Mont. LICENSE NO. 181
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: Walt Hunter
Address: West Glacier

Date well started: 9-20-72
Date well completed: 9-23-72

Type of well: Drilled
Equipment used: 75 hp

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

*Describe

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

Estimated Annual Withdrawal: 200,000 gal.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Depth of Casing</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>65/8&quot;</td>
<td>65/8&quot; x 105'</td>
<td>0</td>
<td>75</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 5' 6" ft.
Pumping water level: 2' 6" ft.

Flow: 60.3 gallons per minute

Well developed by: Driller
for: 2 hours.

Power: 75 hp

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

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

Driller's Signature: [signature]
Driller's Address: 203 E. 229, Col. Falls, Mont.

LICENSE NO. 121
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

West Glacier Mercantile

1. (Name of Appropriator) of West Glacier, (Address) (Town) have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: drinking water and general use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 10, 1930.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: June 10, 1930.

8. The depth of water table: 68 ft.

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

10. The estimated amount of groundwater withdrawn each year: 10 million gallons.

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

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

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. **River Bend Hotel**, of West Glacier, Mont.
   - **Name of Appropriator**
   - **Address**
   - **Town**

   **County**: Flathead  
   **State**: 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.
   - Drinking and general

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   - 1948

4. The amount of groundwater claimed (in miner’s inches or gallons per minute).
   - 50 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.
   - Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   - 1948

8. The depth of water table.
   - 100 ft.

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

10. The estimated amount of groundwater withdrawn each year.
    - One million gallons

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

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

   **Signature of Owner**: River Bend Hotel
   
   **Date**: Dec. 30, 1963

---

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

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

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

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: F. L. Jones
Address: 316, Weardale

Driller: NOT APPLICABLE

Date of Notice of Appropriation of Groundwater: March 16, 1968

Date well started: July 22, 1967. Date completed: July 25, 1967

Type of well: Driven. Equipment used: Bored—driven

(dug, driven, bored or drilled)

Water Use: Domestic 2  Municipal 0 Stock 0  Irrigation 0

Industrial 0  Drainage 0  Other 0

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: 15'-20' feet.

Shut-in Pressure for Flowing Well: UNKNOWN

Pumping Water Level: 18' feet at 100 gal. per minute.

Discharge in gal. per min. of flowing well: NOT TESTED

How Tested: NOT APPLICABLE. Length of Test: NOT APPLICABLE

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

irrigated—Shut off at well

40 acres

Driller's License Number

9701-0206

Driller's Signature

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.

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
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.

George Henderson and
Owner. Scophild Henderson
West Glacier, Montana
59936
Date well started 11/17/71
Date completed 11/24/71

Type of well Drilled
Equipment used Air rotary
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). Use: If used for irrigation, industrial, drainage or other. Explain, State number of acres and location or other data (i.e. Lot, Block
and Addition).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Date of Use</th>
<th>Water Level</th>
<th>from</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>5/8&quot;</td>
<td>2'</td>
<td>2'</td>
</tr>
<tr>
<td>6 5/8&quot;</td>
<td>2 5/8&quot;</td>
<td>108&quot;</td>
<td>335&quot;</td>
</tr>
</tbody>
</table>

Well developed by Dr. for 3 hours.
Power: Diesel Pump 150 HP
Remarks: (Gravel packing cementing, made use of existing well from cracks and seams in the rock through perforations in
six inch lines (don’t).)

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 4 ACRES.

Driller's Signature
Driller's Address
Missoula, Montana 59801 LICENSE NO. 52

Top of Ground Water Approx. above sea level 3300'

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>95</td>
</tr>
<tr>
<td>39</td>
<td>126</td>
</tr>
<tr>
<td>126</td>
<td>156</td>
</tr>
<tr>
<td>156</td>
<td>330</td>
</tr>
<tr>
<td>172</td>
<td>225</td>
</tr>
<tr>
<td>225</td>
<td>245</td>
</tr>
<tr>
<td>245</td>
<td>335</td>
</tr>
</tbody>
</table>

335. Show exact depth of bottom

-180 ft from surface.
(Cont'd)

Note: Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.
Recently a copy of a groundwater appropriation form,

- GW 1. Notice of Appropriation of Groundwater
- **GW 2.** Notice of Completion of Groundwater Appropriation by means of Well
- GW 3. Notice of Completion of Groundwater Appropriation without Well
- GW 4. Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner: Great Northern Railway  
Address: Helena, Montana

Location: T. 32N  R. 10W  Sec. 25  
Document No.: 4144

This is to inform you that your GW form has been received and is complete as filed.

This is a request for additional information if available. Please complete the enclosed copy by providing information where indicated, or as noted here, and return the corrected copy to the Montana Water Resources Board in Helena.

Please indicate the use of the well: Domestic, Stock, etc.

Other.

Great Northern Railway  
Belt, Montana 59412

Where Water Flows — Prosperity Grows
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Owner: Northern Irrigation District, Great Falls, Montana
Driller: Dr. Robert F. Sullivan, Address: 401 5th Ave. South, Great Falls, Montana

Date of Notice of Appropriation of Groundwater: ______________________
Date well started: ______________________ Date Completed: ______________________
Type of well: Drilled, grouted, Equipment Used: Rotary
(die, jet, blast, or drilling oil) (Churn, drill, rotary or other) ________

Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐ Industrial ☐ Drainage ☐ Stock ☐

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

<table>
<thead>
<tr>
<th>Date and Weather of Drilling</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: ________ feet.
Shut-in Pressure for Flowing Well: ______________________
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 shut off, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) ____________

Driller's License Number: ____________
Driller's Signature: ____________

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

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

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

Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1943)

Owner:
Northern Bell Telephone, Helena, Montana

Driller:
C. J. Peterson
Address:
122 C. Main Street

Date of Notice of Appropriation of Groundwater:
Aug. 10, 1957

Date well started:
Aug. 10, 1957

Date Completed:
Aug. 10, 1957

Type of well:
Drilled
Equipment Used:
Driller (drill, rotary or drill)

Water Use:
Domestic
Municipal
Other
Irrigation
Industrial
Drainage
Stock

Show 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 and character of water-bearing strata and height to which water rises in the well.

State of Montana

PERFORATIONS

<table>
<thead>
<tr>
<th>Strata of</th>
<th>Date of</th>
<th>Site and</th>
<th>Pressure</th>
<th>Total</th>
<th>End</th>
<th>Prim.</th>
<th>Dist.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 feet</td>
<td>6/26/57</td>
<td>6.70 lb.</td>
<td>0</td>
<td>104</td>
<td>1,524</td>
<td>24</td>
<td>94</td>
</tr>
<tr>
<td>6 feet</td>
<td>6/28/57</td>
<td>6.70 lb.</td>
<td>0</td>
<td>34</td>
<td>Torch performed</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Top of Ground:
(Elev. above sea level 3220)

Gravel & boulders

Soil formation:
Laid and free of clay

Lost circulation at:
60 feet and was never able to recover

All samples were picked up with the well

Encountered water at 12 feet

Static Water Level for non-flowing Well:
72 feet

Shut-in Pressure for Flowing Well

Pumping Water Level:
25 feet at 1/43 gal. per minute

Discharge in gal. per min. of flowing well

How Tested:
60 hours

Length of Test:
60 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)

Driller's License Number:

Driller's Signature:

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
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:** William Myers

**Address:** West Glacier

**File:** 44,547

**Date well started:** Oct. 8, 1972

**Date well completed:** Oct. 19, 1972

**Type of well:** Drilled

**Equipment used:** Rotary

**Water Use:** Domestic ☑, Municipal ☐, Stock ☐, Irrigation ☐, Industrial ☐, Drainage ☐, Other ☐, Garden/Lawn ☐

**Describe USE if used for irrigation, industrial, drainage or other.**

**Estimated Annual Withdrawal:**

<table>
<thead>
<tr>
<th>Size and Number of Pipe</th>
<th>Depth</th>
<th>Top</th>
<th>Est. Annual Withdrawal</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot; x 6.5&quot;</td>
<td>8.1 ft</td>
<td>83.2 gal/min</td>
<td></td>
</tr>
</tbody>
</table>

**Static water level:** 60 ft.

**Pumping water level:** 70 ft.

Water developed by 4 HP for 4 hours.

**Power:** 4 HP

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

**Indicate Location of Well and Place of Use, if Possible. Each Small Square Represents 10 Acres.**

**Driller's Signature:** Billy Myers, Inc.

**Driller's Address:** Bag Fzkt, Mont.

**License No.:** 51,718

**Top of Ground:**

- O 26 Another Harriet
- 26.63 Gravel + Clay
- 15.74 Sand + Gravel
- 51.718 Show exact depth of bottom
STATE OF MONTANA

COUNTY OF FLATHEAD

Filed on the 31st day of Oct.
A.D. 1927, at 8:00 o'clock A.M.

County Clerk and 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)

Great Northern Railway Company of 175 E. 4th St., St. Paul, Minnesota

(Name of Appropriator)

County of Flathead

(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: Railroad purposes.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: Well No. 1 — March 8, 1937;
Well No. 2 — September 10, 1951; Well No. 3 — September 1950. All wells have been in continuous use since completion.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Well No. 1 — 7 GPM; Well No. 2 — N/A; Well No. 3 — 4 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: N/A.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Two wells at Belton; one well at Red Eagle; and one well at Kalispell.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Well No. 1 — February 15, 1937 — March 8, 1937; Well No. 2 — September 1950; Well No. 3 — began drilling July 8, 1951, completed September 9, 1953.

8. The depth of water table: Well No. 1 — Static level 75'; Well No. 3 — 60'; to static level 20'; Well No. 2 — 60'; static level 50'.

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 No. 1 — 8' drilled well, 100' deep, casing 76'; Well No. 2 — 6' drilled well, 86.5' deep, casing 65'; Well No. 3 — 5' clay, 32' gravel & boulders, 30' very hard rock, 4' broken rock. Also see attached log sheet.

10. The estimated amount of groundwater withdrawn each year: Well No. 1 — 200,000 gallons; Well No. 2 — 200,000 gallons; Well No. 3 — 100,000 gallons.

11. The log of formations encountered in the drilling of each well if available: Well No. 1 — See attached log sheet. Well No. 2 — See attached log sheet. Well No. 3 — 5' clay, 32' gravel & boulders, 30' very hard rock, 4' broken rock. Also see attached log sheet.

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:

Great Northern Railway Company

Superintendent:

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.
Answers to questions on front side:

**RED EAGLE**

3. July 1, 1952 - Continuous use since completion.
4. 200 GPM
5. June 19, 1952 to June 30, 1952
6. Static water level 15'
7. 6" drilled well - 50' deep - cased to 48'
8. 100,000 gallons
9. See attached log sheet

**KALISPEL**

3. October 2, 1959 - Continuous use since completion.
4. 15 GPM
5. September 26, 1959 to October 2, 1959
6. Static water level 36'
7. 7" drilled well - 111' deep
8. 150,000 gallons
9. See attached log sheet
10. 150,000 gallons

---

![Well at Red Eagle](image1)

![Well at Kalispell](image2)
BELTON, Mont.

AEC 54988


Work begun Feb. 16th and finished Mar. 8th 1937

Water level was at 25 and lowered to 25 when pumping 74 gpm.

Location Sketch:

- Analysis of Water from 8x-108 drilled well - Apr. 1937
  - In grains per U.S. gallon -
  - Total Diss. Solids - 8.4
  - Hardness - 7.8
  - Sulphate - 7.8
  - Sodium Carbonate - .8
  - Alkali Salts - .6

Engr Water Service 1D-1200-156
Belton, Mont.

Log of 65' drilled well put down near Sec. 10, for use of Track’s Signal Dept. by Robert Sheppard, under letter contract #1645, dated April 24th, 1940.

Work performed during Sept., 1940

0 = Ground Surface

- Sand, Boulders & Clay = 10’
  - 6° Casing
  - 6° drive pipe
  - Water stop
  - Under level = 94’

- Sand, Gravel & Clay = 35′
  - Sandstone = 28′
  - Sandrock = 9′
  - Red sandstone & shale = 45′
  - Bottom of Hole = 100'
Belton, Mont. 


Water level was at 40' from Surface and lowered very little when pumping 4 g.p.m.

Work began 7-8-33 - Completed 9-9-33

Gravel & boulders 30'

Clay 5'

Gravel 4 boulders 30'

Rack 88' very hard

125' Broken rock L water bearing

Bottom of hole

Location Sketch 

From & State Hwy. US W 2

R Sh. Lt. 10-1200-269
RED EAGLE, Mont. - Afe...

Log of 6x50' drilled well put down near Sec. Ho. by Ely Co. force pump machine, - C.W. Wick, driller.

Water level was 15' below Surface, and did not lower when tested by boring 40 G.P.M.

Work began 6-19-52. - Completed 6-30-52.

Top of Casing - 1-2' above Surface.

Gravel - 20'

Water Level - 15'

Cemented gravel - 5'

Gravel - 27'

50' Bottom of Hole.

Location: Scale: 1:100

10-1200-236
Drilling began: September
Drilling completed: October
Water found at 35' and pumped at 90 G.P.M.

- 3' - Dark Clay
- 5' - Light Colored Clay
- 13' - Static Water Level
- 20' - Light Colored Happen
- 33' - Brown Happen
- 37' - Gravel, Sand & Water

Engineer Water Service

ID-1200-320A
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

WILBUR A. HALBERG
(Name of Appropriator)

West Glacier
(Address)
(Town)

County of Flathead
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: Domestic, including small amount of irrigation

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: August 19, 1930 - continuous

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 50 gallons

4. If used for irrigation, give the average and description of the lands to which water has been applied and name of the owner thereof: Tract 100' x 100' in Windshields, Sec. 36, T. 32 N., R. 19 W., owned by undersigned

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

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1930

7. The depth of water table: Varies

8. So far as may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: One well is about 8', other is about 4'

9. The estimated amount of groundwater withdrawn each year: Unknown

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

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: Information is with U.S. Forest Service

Signature of Owner: WILBUR A. HALBERG
Date: August 1, 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 FLATHEAD \\
Filed on the ______ day of ____, 19__
A.D. 19 ______ at ______ o'clock ______ M
YEM  \\
County Clerk and Recorder \\
By ______  \\
Deputy
# Declaration of Vested Groundwater Rights

**Under Chapter 237, Montana Session Laws, 1961**

<table>
<thead>
<tr>
<th>Highland Company, Inc.</th>
<th>509 First Avenue North Great Falls</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Name of Appropriator)</td>
<td>(Address) (Town)</td>
</tr>
<tr>
<td>County of Cascade</td>
<td>State of Montana</td>
</tr>
</tbody>
</table>

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

1. **Use incidental to domestic use, industrial use, irrigation and municipal use.** See reverse.
2. Date or approximate date of earliest beneficial use; and how continuous the use has been. Initial appropriation made on July 1, 1953; use continuous since that date.
3. The amount of groundwater claimed (in miner's inches or gallons per minute). 56 gallons per minute approximately.
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. Usages made of said water in the lands described on the reverse hereof.
5. **Means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Three wells, located as indicated in accompanying diagram.**
6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Construction of initial wells completed in July of 1953; improvements, changes in detail, etc. done at intermittent dates since that time as necessary to achieve above water usage.
7. The depth of water table. Not precisely known, but not less than 3 feet nor more than 40 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. One well approximately 37 to 39 feet deep, with 8 inch casing. Remaining two wells concrete crib and gravel construction. Water from wells to point of utilization by gravity flow.
9. The estimated amount of groundwater withdrawn each year. 30 to 40 million gallons.
10. The log of formations encountered in the drilling of each well if available. None available.

**ATTEST:**

**Highland Company, Inc.**

By: Robert H. Englin, President

Date: 8-10-64

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.
Cascade

Robert F. English, is the President of the Highland Company, Inc.,

president of the appropriator,

a
to the best of his knowledge and information and that he has executed this instrument on behalf of the said corporation, and acknowledges that such corporation executed the same.

July 63

Great Falls, Montana

3. Utilization of this water has been incidental to mercantile establishments, service stations, houses and living accommodations and metal owned by declarant. There has been irrigation as is incidental and necessary to any and all of the foregoing.

5. Flathead County:
   Township Thirty-one (31) North, Range Eighteen (18) West
   Section Six (6)
   West Half (W½)
   Township Thirty-one (31) North, Range Nineteen (19) West
   Section One (1)
   All
   Section Two (2)
   East Half (E½)
   Township Thirty-two (32) North, Range Nineteen (19) West
   Section Thirty-five (35)
   Southeast Quarter (SE¼)
   Section Thirty-six (36)
   South Half (S½).
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: B. R. & Kathleen Ludwig
Address: Martin City, Mont.

Driller: Liberty Drilling Co., Address: Missoula, Montana

Date of Notice of appropriation of groundwater was filed

Date well started: 5/2/70
Date completed: 5/6/70

Type of well: Drilled
Equipment used: Air Rotary
(Doug, 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.

Static Water Level for Non-Flowing well

61'-6" feet

Shut-in Pressure for Flowing Well

Pumping Water Level: 167 feet
at 10 gal. per minute.

Discharge in gal. per min. of flowing well

Non-Flowing

How tested: Air Lift Pump

Length of Test: Two hours

Remarks: (Gravel packing, cementing, packers, type of shutoff. All water entering well from cracks and seams in the rock below 150, while in this area can be depended upon to produce clean sand free water year after year as long as they are not over-wrapped, i.e., they should be pumped at rates not in excess of 70 to 80 ft., (Continued 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).

Located on part of Lot 11—adjacent to Hwy 78

Approx. 34 acres

This form to be prepared by driller, not three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, three 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

46310
80 percent of the tested capacity of the aquifer.
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1946
Owner: West Glacier Mercantile, West Glacier, Mo.
Address: 
Contractor (if any): 
Address of Contractor: 
Date Started: 
Date Completed: 

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

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.

6 months use seasonally

Signature of Owner: 

Date: Dec. 30, 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.
<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>2</td>
<td>Elkins, Verne Edwin</td>
<td>GW3</td>
<td>10529</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Elkins, Verne Edwin</td>
<td>GW3</td>
<td>10528</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Lawrence, W. A.</td>
<td>GW3</td>
<td>12017</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Lawrence, W. A.</td>
<td>GW3</td>
<td>0957</td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Ludwig, Ray</td>
<td>GW2</td>
<td>14309</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Bob L.</td>
<td>GW4</td>
<td>9457</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Jernigan, H.</td>
<td>GW4</td>
<td>10925</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Jernigan, Kenneth</td>
<td>GW2</td>
<td>14094</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Jernigan, H.</td>
<td>GW3</td>
<td>10880</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Kneubuh, Boyd</td>
<td>GW4</td>
<td>10745</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Kneubuh, W. F</td>
<td>GW3</td>
<td>13970</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Taylor, Everett</td>
<td>GW2</td>
<td>14491</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Taylor, Georgia</td>
<td>GW4</td>
<td>10510</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Taylor, A.</td>
<td>GW3</td>
<td>12053</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Edgely, Thomas</td>
<td>GW4</td>
<td>16358</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Major, Alberta-neathy A.</td>
<td>GW2</td>
<td>16107</td>
<td></td>
</tr>
<tr>
<td>31</td>
<td>Frost, Leroy</td>
<td>GW2</td>
<td>9840</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Harter, Robert E.</td>
<td>GW2</td>
<td>14089</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>Blaney, E.</td>
<td>GW4</td>
<td>10103</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner

Contractor (if any)

Address of Contractor

Date Started

Date Completed

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

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.

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.
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, 1981)

Date of Appropriation of Groundwater

Owner

Address

Contractor (if any)

Address of Contractor

Date Started

Date Completed

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

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

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 School of Mines and quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: M. A. Lawrence
Address: 121 S. 2nd St.

Driller: Homer McCurry
Address: 945 S. 3rd St.

Date of Notice of Appropriation of Groundwater: Nov. 15, 1966

Date well started: Oct. 15, 1966

Date Completed: Nov. 15, 1966

Type of well: Drilled

Equipment Used: 2-1/4" Bore

Water Use: Domestic X, Municipal X, Stock X, Irrigation X, Industrial X, Drainage X, Other X

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

<table>
<thead>
<tr>
<th>Depth (Feet)</th>
<th>Character</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>Top Soil</td>
<td>Clay clay</td>
</tr>
<tr>
<td>33</td>
<td>Clay</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Clay</td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Clay &amp; gravel</td>
<td></td>
</tr>
<tr>
<td>2.44</td>
<td>Clay &amp; sand &amp; gravel</td>
<td></td>
</tr>
<tr>
<td>2.62</td>
<td>Clay &amp; gravel</td>
<td></td>
</tr>
<tr>
<td>3.18</td>
<td>Water stop</td>
<td></td>
</tr>
<tr>
<td>33.2</td>
<td>Clay &amp; gravel</td>
<td></td>
</tr>
<tr>
<td>34.8</td>
<td>Rock water</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 10 feet.

Shut-in Pressure for Flowing Well: __ feet.

Pumping Water Level: 33.2 feet at __ gal. per minute.

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

How Tested: __

Length of Test: __

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines 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 Appraightor</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>William B. Lewis</td>
<td>Flathead</td>
<td>Whitefish</td>
</tr>
<tr>
<td>Flathead</td>
<td>Montana</td>
<td></td>
</tr>
</tbody>
</table>

County of Flathead
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: residential and all uses relating to gardens and lawns, also watering of livestock.

Date or approximate date of earliest beneficial use: Since about June 1, 1952

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

5. If used for irrigation, give the average and description of the lands to which water has been applied and name of the owner thereof, amount of land garden adjacent to and around residence, approximately 3 acres.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: wells, camp pipe and storage tank.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: about June 1, 1953

8. The depth of water table: 20 feet - foot drawndown in wall

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 18 foot by 12 feet, 2 inch pipe, one HP

10. The estimated amount of groundwater withdrawn each year: 365,000 gallons

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

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

Signature of Owner: William B. Lewis
Date: June 15, 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 Appraightor.
STATE OF NEW YORK
COUNTY OF FLATBUSH

Filed on the 2d day of Dec.
A.D. 1963 at 2:35 o'Clock P.M.

By ____________
County Clerk and 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: Ray Helgent

Address: 

Date well started: June 1, 1971

Type of well: Drilled

Equipment used: Drill

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

*Describe each use.

---

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Strata</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>7.00</td>
<td>0</td>
<td>225</td>
</tr>
</tbody>
</table>

Static water level

Pumping water level

*Measured from ground level.

Well developed by balancing

for 5 hours.

Power: Pump: HP

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

---

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

Driller's Signature: 

Driller's Address: Route 3

Kalispell, Montana

License No.: 153

---

Count: 

Well Drilled at 217.225. Sand Aquifer

---

Show exact depth of bottom
STATE OF MONTANA
COUNTY OF FLATHEAD
Filed on the 14th day of January, A.D. 1977, in the office of the
County Clerk and 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)

(Name of Appropriator) (Address) (Town)

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

2. The beneficial use on which the claim is based, 
   
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner

Date

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

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

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

Filed on the 27th day of September, 1913, at 2:30 o'clock P.M.

By

Deputy
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

**1. Gordon Sorensen**

(State of Montana - State of Montana)

**County of**

**Address**

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

2. The beneficial use on which the claim is based. **Household, livestock & irrigation**

3. Date or approximate date of earliest beneficial use, and how continuous the use has been. **May 1956**

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. **Farming - garden 1 acre**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. **Fairbanks, Montana 14 68. Meter**

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

8. The depth of water table. **10 ft. 60 ft. from top of casing**

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. **Drilled - 2 casing 80 ft.**

10. The estimated amount of groundwater withdrawn each year. **3,942,000 gal. per year**

11. The log of formations encountered in the drilling of each well if available. **30 ft. clay and sand, water in 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. **Not applicable**

**Signature of Owner:**

**Date:** Dec. 30, 1963

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

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

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

23 48
## Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

| Date of Notice of Appropriation of Groundwater filed | 1965-02-04 |
| Date well started | 1965-02-06 |
| Date Completed | 1965-02-08 |

**Type of Well:** Drilled

**Equipment Used:** Churn, drill, rotary or drilled

**Water Use:** Municipal

**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.**

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

**Show exact depth of bottom.**

### Groundwater Test Results

<table>
<thead>
<tr>
<th>Stratum</th>
<th>Water Level</th>
<th>Pressure</th>
<th>Discharge</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing Well:** 3.7 feet

**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, 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)

---

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
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: April 3, 1962

Owner: Jordon Jacques
Address: Whitewater, MT

Contractor (if any): Not Applicable

Address of Contractor: 

Date Started: May 1, 1963; Date Completed: May 31, 1963

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

Drinking water for cattle - 25 x 50 head of cattle
Spring water

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.

Watering cattle year around

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

Signature of Owner: Jordon Jacques
Date: Dec. 30, 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.