STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

I WATSON (Name of Appropriate)

County of

State of MONTANA

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

1.  
   County of
   State of MONTANA

2. The beneficial use on which the claim is based.
   Ground for stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   1950
   Continuous

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

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.
   710

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

7. 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.
   180 feet

9. So far as may be available, the type, size and depth of each well or the general specification of any other works for the withdrawal of groundwater.
   246 feet 3 inch screen

10. The estimated amount of groundwater withdrawn each year.
    36,000

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: Roy W. Watson
Date: Dec. 31, 1962

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology; and quadruplicate for the Appropriate.
STATE OF MONTANA
ADMINISTRATION 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: Hirsch Ranch Inc.
Address: T.R. Stage, Miles City, Mont. 80641
Date well started: 10-27-71
Date well completed: 5-3-72
Type of well: Drilled
Equipment used: Rotary
Water Use: Domestic [X] Municipal [ ] Stock [ ] Irrigation [ ]

*Describe
To conserve 5,000 gallons per day of usable water

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>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 1/2 x 10.10</td>
<td></td>
<td>00</td>
<td>510</td>
<td>610</td>
</tr>
<tr>
<td>3 1/2 x 10.10</td>
<td></td>
<td>2 1/2</td>
<td>510</td>
<td>610</td>
</tr>
</tbody>
</table>

Static water level: 46 ft
Pumping water level: 46 ft at 100 gallons per minute

Measured from ground level

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

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.

Driller's Signature: Jacob J. Hirsch
Driller's Address: Jacob J. Hirsch, Miles City, Mont.

LICENSE NO. 16

County: Cost

Show exact depth of bottom

59,788
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: [Name]
Address: [Address]
Date well started: [Date]
Completed: [Date]
Type of well: Drilled
Equipment used: Victor
Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]
*Describe: [Water 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>Size of Well</th>
<th>Size of Opening</th>
<th>From</th>
<th>To</th>
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<tbody>
<tr>
<td>35'</td>
<td>4'</td>
<td>0</td>
<td>540</td>
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</tbody>
</table>

PERFORATIONS

<table>
<thead>
<tr>
<th>Kind</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Unknown</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 180 ft.
Pumping water level: 220 ft.
Power: [Power Type and HP]
Remarks: [Remarks]

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

Driller's Signature: [Signature]
Driller's Address: [Address]
LICENSE NO.: [Number]

Show exact depth of bottom: 540
Declation of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator: Roy W. Watson
   (Address) 123 Main St., Bozeman, MT
   (Town) Bozeman

County of Beaverhead

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

2. The beneficial use on which the claim is based: Farm stock, Well

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

4. The amount of groundwater claimed (in mine's inches or gallons per minute): 10,000

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 20 acres, Smith Ranch

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Drilled well, 500 feet

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: August 15, 1961

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: Concrete well, 100 feet

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

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

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: Reference to Montana Bureau of Mines and Geology

Signature of Owner: Roy W. Watson
Date: 8/14/63

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>19</td>
<td>Hirsch Ranch Co. Inc.</td>
<td>GW-3</td>
<td>35270</td>
<td>SURFACE WATER</td>
</tr>
<tr>
<td>20</td>
<td>Hirsch Ranch Inc.</td>
<td>GW-3</td>
<td>35271</td>
<td>SURFACE WATER</td>
</tr>
<tr>
<td>24</td>
<td>Hirsch Ranch Inc.</td>
<td>GW-3</td>
<td>35271</td>
<td>SAME AS SEC. #20</td>
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<td>32</td>
<td>Hirsch Ranch</td>
<td>GW-2</td>
<td>35264</td>
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</tr>
</tbody>
</table>
STATE OF MONTANA
T ARATOR OF GROUNDWATER CODE
ICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1963
Owner: H. B. Brown
Address: 1707 South 1st Ave.
Contractor (if any): Unknown
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 Montana
Bureau of Mines and Geology and quadruplicate for the Appropriator.

Dec. No. 55870
Filed for record
Notary Public
16th Day of May, 1973
A.D. 1776
59,286
STATE OF MONTANA
STATE ENGINEER
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: **1968**

Owner: **Highland Materials Co.**

Contractor (if any): **None**

Address of Contractor: **None**

Date Started: **1962** Date Completed: **1963**

Describe means of obtaining groundwater without well "a" by subirrigation and other natural processes "b" include dept. to water when applicable: **None**

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: **None**

Indicate point of appropriation and place of use, if possible: **None**

Signature of Owner: **Highland Materials Co.**

Date: **1-1-73**

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.

Doc. No. **35971**

Filed for recording:

**164-91**

A.D. 1973  **9-9-73**

O'clock **A.M.**
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: Herschel Ranch
Address: Miles City, Mont.

Date well started: 1.1.1973
Date well completed: 2.20.47

Top of Ground: 390 ft. Above Sea Level

Type of well: Drilled
Equipment used: Rotary

Water Use: Irrigation

Estimate Annual Withdrawal: 2000 gallons per day

Static Water Level: 40 ft.
Pumping Water Level: 60 ft.

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

License No.: 52.239
<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>
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<tbody>
<tr>
<td>13</td>
<td>PERKINS, EUGENE E.</td>
<td>GW-4</td>
<td>10770</td>
<td></td>
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<tr>
<td>16</td>
<td>DORR, L.C.</td>
<td>WATER WELL</td>
<td>197745</td>
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<tr>
<td>16</td>
<td>PERKINS, EUGENE E.</td>
<td>GW-4</td>
<td>10773</td>
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<td>26</td>
<td>PERKINS, EUGENE E.</td>
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<td>10772</td>
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<tr>
<td>26</td>
<td>JOHNSON, GEORGE W.</td>
<td>GW-4</td>
<td>7525</td>
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<td>26</td>
<td>JOHNSON, GEORGE W.</td>
<td>GW-4</td>
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<td></td>
</tr>
<tr>
<td>26</td>
<td>PERKINS, EUGENE E.</td>
<td>GW-4</td>
<td>10771</td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>SWOPE, JACK</td>
<td>GW-4</td>
<td>11033</td>
<td></td>
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<tr>
<td>31</td>
<td>SWOPE, JACK</td>
<td>GW-4</td>
<td>11033</td>
<td>SAME AS SEC # 28</td>
</tr>
<tr>
<td>33</td>
<td>FORTUNE, VERNON</td>
<td>GW-4</td>
<td>11248</td>
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<tr>
<td>36</td>
<td>JOHNSON, GEORGE W.</td>
<td>GW-4</td>
<td>11274</td>
<td></td>
</tr>
</tbody>
</table>
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

**Name of Appropriator**: 
**Address**: 
**Town**: 
**County**: 
**State**: 
**Date of earliest beneficial use**: 
**Continuous use**: 
**Amount of groundwater claimed**: 
**Irrigation area**: 
**Location of each well**: 
**Date of commencement and completion of construction**: 
**Depth of water table**: 
**Type, size, and depth of each well**: 
**Estimated amount of groundwater withdrawn**: 
**Log of formations encountered**: 

**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.
<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
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</thead>
<tbody>
<tr>
<td>Location</td>
<td>Sec. 16 T. 5 R. 17 1/4 sec. 4a of the 5th</td>
</tr>
<tr>
<td>Date Started</td>
<td>April 3, 1961</td>
</tr>
<tr>
<td>Date Completed</td>
<td>April 6, 1961</td>
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<tr>
<td>Water use</td>
<td>Domestic</td>
</tr>
<tr>
<td>Casing</td>
<td>0 ft. to 189 ft. Type <strong>steel</strong> Size 4 inch</td>
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<tr>
<td>Perforated or Screened</td>
<td>175 ft. to 187 ft.</td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td>5/16 in. holes cut three in. apart with cutting torch</td>
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<tr>
<td>Static Water Level</td>
<td>140 to 150 feet at 9 gpm</td>
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<tr>
<td>Shut-in pressure</td>
<td>3 lb./sq. in. on:</td>
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<tr>
<td>Pumping water level</td>
<td>178 feet at 4 gal. per min</td>
</tr>
<tr>
<td>How tested</td>
<td>with bailer</td>
</tr>
<tr>
<td>Length of test</td>
<td>30 min or one hour</td>
</tr>
<tr>
<td>Remarks</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
<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>
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<td>286</td>
<td>336</td>
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<tr>
<td>336</td>
<td></td>
</tr>
</tbody>
</table>

Log of Well

Seep of water

Water sand & Gravel

Gumbo—Total depth
1. **Name of Appropriator**  
   **Address**  
   **Town**

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. **Y-3-61**

4. The amount of groundwater claimed (in miner's inches or gallons per minute). **9 gal. per min.**

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. **Y-3-61**

8. The depth of water table. **178.**

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. **210,000 gal.**

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

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

---

**Signature of Owner:**  
**Date:** **Dec-12-63**

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

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

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

Name of Approporator: Eugene E. Perkins
Address: Tongue River Heights, Miles City
County of: Custer
State of: Montana

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

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1-1-1-50

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 240GPM 1-498GPM 2-742GPM

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 1 - CHILLIE USE ONLY

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: 1-1-1-50

8. The depth of water table: 1-500' 2-100'

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: 1 - 209,000gal 2 - 109,000gal

11. The log of formations encountered in the drilling of each well if available: 1 - no log

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

Signature of Owner: Eugene E. Perkins
Date: Dec. 20, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Approporator.
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 W. Johnson of Tongue River Stage, Miles City
   (Name of Appropriator)
   County of Custer 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-watering purposes and irrigation of crops and grasses.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 1938 - use has been continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 3 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:
   Land irrigated 2 acres in Sec. 26-5-47.
   Owner: George W. Johnson

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: An electrical driven centrifugal pump. Location:
   Sec. 26-5-47 S.E. 4

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: An old artesian well originally completed in 1920 and cleaned out and recased in July 1952.

8. The depth of water table: 3 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: Water well, 42 feet of 4-inch casing through gravel.

10. The estimated amount of groundwater withdrawn each year: 1,576,800 gallons.

11. The log of formations encountered in the drilling of each well if available: 0-35 feet, gumbo; 35-40 feet, gravel; 40-85 feet, gumbo; 85-125 feet, dry sand; 125-355 feet, gumbo; 355-375 feet, sand.

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

Signature of Owner: George W. Johnson
Date: 10-2-55

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. George W. Johnson
   (Name of Appropriator)
   of...Tongue River Stage...Miles City
   (Address)
   (Town)
   County of...Custer
   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 use...and irrigation of lawn and trees.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...October 15, 1935...Use has been continuous.

4. The amount of groundwater claimed...2,000 gallons per day...in irrigation season (20 days varies)

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof...One acre lawn...Owner...George W. Johnson

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...Started...October 8, 1953...completed...October 12, 1953

8. The depth of water table...3 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...water well...60 ft. of 4" casing...2" casing...375 feet deep

10. The estimated amount of groundwater withdrawn each year...212,500 gallons

11. The leg of formations encountered in the drilling of each well if available...0-351'...gunbo...35-40'...gravel...40-851'...gunbo...85-1251'...dry sand...125-3351'...gunbo...335-3751'...sand

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

Signature of Owner...
Date...M2.26.15

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

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

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

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

Eugene E. Perkins

County of Custer
State of Montana

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

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1-1-60

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 396 L PERS MIN

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

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

Artesian

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1-1-60

8. The depth of water table: 600'

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:

2" casing 600'

10. The estimated amount of groundwater withdrawn each year: 29,180,000 G.P.L

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

X.O LOG AVAILABLE

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

Signature of Owner:

Date: Dec 12-63

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

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

<table>
<thead>
<tr>
<th>1. The beneficial use on which the claim is based.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alluvial deposits</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>2. Date or approximate date of earliest beneficial use, and how continuous the use has been.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1950. Continue</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>4. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.</th>
</tr>
</thead>
<tbody>
<tr>
<td>None.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1950. Completed in a week.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>7. The depth of water table.</th>
</tr>
</thead>
<tbody>
<tr>
<td>90 ft.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>8. The estimated amount of groundwater withdrawn each year.</th>
</tr>
</thead>
<tbody>
<tr>
<td>2128, 600 gal.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>9. The type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.</th>
</tr>
</thead>
<tbody>
<tr>
<td>75 ft. pump well, 6 in. casing, 4 in. 25 ft.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>10. The log of formations encountered in the drilling of each well if available.</th>
</tr>
</thead>
<tbody>
<tr>
<td>3rd. yellow clay 15 ft, sand 52 ft, 3rd. blue clay 186 ft, 1st. sand 182 ft, 2nd. clay 285 ft sand water.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>11. Such other information of a similar nature as may be useful in carrying out the policy of this section, including reference to book and page of any county record.</th>
</tr>
</thead>
<tbody>
<tr>
<td>None.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Signature of Owner</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jack Swang</td>
<td>Dec. 1</td>
</tr>
</tbody>
</table>

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

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

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

1. Vernon Fortune of Tongue River Stage, Miles City
   (Name of Appropriator) (Address) (Town)

   County of Custer State of Montana

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

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

3. Date or approximate date of earliest beneficial use and how continuous the use has been: 5-62 Continuous since that date

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

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

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

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

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: 29 Unknown

10. The estimated amount of groundwater withdrawn each year: 200,000 gal.

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

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

   Signature of Owner: Vernon Fortune

   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.
George W. Johnson of Tongue River Stage, Miles City
County of Custer, 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: Watering of livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 20, 1953

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 5000 gallons per day

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electrical driven pump, tank using 60" of 14" pipe Sec. 36, T. 5, R. 47

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Started June 18, 1953, completed June 20, 1953

8. The depth of water table: 30 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: Water well, 60" of 14" casing, 150' of 3" casing

10. The estimated amount of groundwater withdrawn each year: 900,000 gallons

11. The log of formations encountered in the drilling of each well if available: 0'-30', Gumbo, 30'-40', gravel, 40'-220', Gumbo, 220'-280', water sand, 280'-350', Gumbo

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: George W. Johnson
Date: June 24

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>Damm, Franks</td>
<td>Water Well</td>
<td>2582</td>
<td>Same as Sec. 4</td>
</tr>
<tr>
<td>2</td>
<td>Damm, Franks &amp; Judith</td>
<td>Water Well</td>
<td>2582</td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Damm, Franks &amp; Judith</td>
<td>GW-4</td>
<td>2582</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Damm, Franks &amp; Judith</td>
<td>GW-4</td>
<td>2582</td>
<td>Same as Sec. 7</td>
</tr>
<tr>
<td>7</td>
<td>Swope, Jack</td>
<td>GW-4</td>
<td>1133</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Swope, Jack</td>
<td>GW-4</td>
<td>1133</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Swope, Jack</td>
<td>GW-4</td>
<td>1133</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Swope, Jack</td>
<td>GW-4</td>
<td>1133</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Woodard, Norman</td>
<td>GW-4</td>
<td>1134</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Woodard, Norman</td>
<td>GW-4</td>
<td>1133</td>
<td></td>
</tr>
<tr>
<td>21</td>
<td>Swope, Jack</td>
<td>GW-4</td>
<td>1133</td>
<td>Same as Sec. 7</td>
</tr>
<tr>
<td>21</td>
<td>Woodard, Norman</td>
<td>GW-4</td>
<td>1133</td>
<td>Same as Sec. 19</td>
</tr>
<tr>
<td>27</td>
<td>Swope, Jack</td>
<td>GW-4</td>
<td>1133</td>
<td>Same as Sec. 19</td>
</tr>
<tr>
<td>31</td>
<td>Damm, Franks &amp; Judith</td>
<td>GW-4</td>
<td>2032</td>
<td>Same as Sec. 12</td>
</tr>
<tr>
<td>32</td>
<td>Johnson, George W.</td>
<td>GW-4</td>
<td>7577</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Swope, Jack</td>
<td>GW-4</td>
<td>2245</td>
<td></td>
</tr>
<tr>
<td>36</td>
<td>Damm, Franks &amp; Judith</td>
<td>GW-4</td>
<td>2032</td>
<td>Same as Sec. 12</td>
</tr>
</tbody>
</table>
**Water Well Log**

**Owner:** [Name]

**Address:** [Address]

**Driller:** [Name]

**Address:** [Address]

**Date Started:** Dec 3, 1955
**Date Completed:** Dec 3, 1956

**Location:** Sec. 3 T. 5 R. 48 1/4 sec. N., E. 1/2

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

**Water use:**
- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other

**Casing:**
- 30 ft. to _______ ft. Type: steel | Size: 4 in. |
- _______ ft. to _______ ft. Type: _______ | Size: _______ |
- _______ 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: _______.

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

**How tested:** [Tested by Driller]

**Length of test:**

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

---

(over)
Log of Well

<table>
<thead>
<tr>
<th>Depth (feet)</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 4</td>
<td>Top Soil</td>
</tr>
<tr>
<td>4 - 14</td>
<td>Quick Sand</td>
</tr>
<tr>
<td>14 - 24</td>
<td>Creek Gravel</td>
</tr>
<tr>
<td>24 - 30</td>
<td>Coal &amp; Shale</td>
</tr>
</tbody>
</table>
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>John D. Hamon</td>
<td>Miles City</td>
<td>George F. Ackerson</td>
<td>Miles City</td>
<td>Sept 10, 1948</td>
<td>Sept 20, 1948</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location</th>
<th>Sec</th>
<th>T</th>
<th>R</th>
<th>Sec</th>
<th>Range</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>2</td>
<td>5</td>
<td>48</td>
<td>1/4</td>
<td>41</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>drill</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment used</td>
<td>drill</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Water use</th>
<th>Domestic</th>
<th>Stock</th>
<th>Irrigation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>30 ft. to ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>2.4 ft. to ft.</td>
<td>Steel</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>2.5 ft. to ft.</td>
<td>Steel</td>
<td>2</td>
<td></td>
</tr>
</tbody>
</table>

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

Type of screen or perforations

Static Water level, for non-flowing well: 11 feet.

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

Pumping water level: 2.3 feet at 10 gal. per min.

How tested: Cased by driller

Length of test

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

- Cemented to shut off surface water
- Material drilled through not available

(over)
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>Frederick Hanner</td>
<td>Helena City</td>
</tr>
<tr>
<td>and Judith Hanner</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>George J. Ackman</td>
<td>Helena City</td>
</tr>
</tbody>
</table>

Date Started: Sept. 10, 1948  Date Completed: Sept. 22, 1948

Location: Sec. 2  T. 5  R. 48  44 sec. N. W. 1/4

Type of well: Drilled  Equipment used: Drill

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

Industrial [ ]  Drainage [ ]  Other: [ ]

Casing: 30 ft. to 134 ft. Type: Steel  Size: 4

Casing: 134 ft. to 146 ft. Type: Steel  Size: 3

Casing: 146 ft. to 156 ft. Type: Steel  Size: 2

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

Type of screen or perforations:

Static Water level, for non-flowing well: 11 feet

Shut-in pressure, for flowing well: (date)

Pumping water level: 2.3 feet at 10 gal. per min.

How tested: Lined by driller

Length of test:

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

Cemented to shut off surface water material. Drilled through salt available
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

[Name of Appropriator] of [Address], [Town], [County] of [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.

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

3. The amount of groundwater claimed (in miner's inches or 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.

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

6. The depth of water table.

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

8. The estimated amount of groundwater withdrawn each year.

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

10. 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: [Signature]

Date: [Date]

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

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

1. Name of Appropriate: Jack promise
2. Town: Longview
3. County of: Montana
4. State of: Montana

5. The beneficial use on which the claim is based: Domestic and stock water.
6. Date or approximate date of earliest beneficial use, and how continuous the use has been:
   - May 30, 1957
   - Continuous

7. Amount of groundwater claimed (in miner's inches or gallons per minute):
   - 2,930 gpm

8. 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.

9. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - (1) flowing (2) and water pump

10. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
    - Commenced May 24, 1960
    - Completed on

11. The depth of water table:
    - Not available

12. The estimated amount of groundwater withdrawn each year:
    - 105,400 gallons

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

14. 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: 6/24/63

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Jack Smigaj
Address: Lewisville

Driller: Floyd Higgins
Address: Molt City

Date of Notice of appropriation of groundwater: APR 24 1967

Date we started: Date completed:

Type of well: Drilling Equipment used: Rotary

(Deg, Driven, Bored or Drilled) (Churn drill, rotary or other)

Water use: Domestic □ Municipal □ Stock □ Irrigation □

Industrial □ Drainage □ Other □

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Screen</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>2</td>
<td>0</td>
<td>370</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>3½″</td>
<td>455</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level: feet

Discharge in gal. per min. of flowing well

How Tested

Length of Test

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

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

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, thus one 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

44, 891
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Name of Appropriator**
   - [Name]
   - **Address**
   - **Town**
   - **County of**
   - **State of**

2. 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: [description]
   - Date or approximate date of earliest beneficial use: [date]
   - Continuous use has been: [description]
   - Amount of groundwater claimed: [measurement]
   - Used for irrigation: [description]
   - Means of withdrawing such water from the ground and the location of each well or other means of withdrawal: [description]
   - Date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: [date]
   - Depth of water table: [measurement]
   - Log of formations encountered in the drilling of each well, if available: [description]
   - Such other information of similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: [description]

3. **Signature of Owner**
   - [Signature]
   - **Date**

---

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

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

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

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

2. The beneficial use on which the claim is based:
   (1) stock water
   (2) stock water

3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
   (1) July 31, 1961, almost continuous
   (2) February 22, 1960

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   (1) 10 gal per min
   (2) 10 gal per min

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   (1) July 31, 1961, completed
   (2) May 1, 1962

8. The depth of water table:
   (1) 50 ft
   (2) 150 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   (1) 1/2 HP, submersible pump, 200 ft, 50 gal per min
   (2) 1/2 HP, submersible pump, 250 ft, 50 gal per min

10. The estimated amount of groundwater withdrawn each year:
    (1) 200,000 gal
    (2) 1,000,000 gal

11. The log of formations encountered in the drilling of each well:
    (1) Limestone, 25 ft, 150 ft
    (2) Sandstone, 30 ft, 120 ft
    (3) shale, 25 ft, 100 ft
    (4) sand, 30 ft, 90 ft
    (5) shale, 25 ft, 80 ft
    (6) sand, 25 ft, 75 ft

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: Jack Doe
Date: June 30, 1962

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

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

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

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

(Name of Appropriator)  Miles City  (Town)
County of Custer  State of Montana

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

2. The beneficial use upon 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 consumed (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, or other works for withdrawal of groundwater...

8. The depth of water table...

9. So far as it may be available, the type, size of pump, and other details of any other works for withdrawal of groundwater...

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

11. The last formation penetrated by the drilling of each well, if available...

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

Signature of Owner:...
Date:...

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

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

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

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1951)

Norman Woodland of Miles City

County of

State of Montana

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

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been. 11/29/47

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. 11/29/47 11/29/47

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 loss of formations encountered in the drilling of each well if available. 0 - 10 tpf soil

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: Norman Woodland
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 Appropriate.
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

**Name of Appropriator**: Norman Woodland Mikes City  
**Address**:  
**County**:  
**State**: Montana  
**Have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:**

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2. The beneficial use on which the claim is based: 5 acres

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 11/15/1977

4. The amount of groundwater claimed (in inches or gallons per minute): 5 gpm

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

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 wall, wells, or other works for withdrawal of groundwater: 1/1/1977

8. The depth of water table: 65 ft

9. So far as it may be available, the type, size, and data of each well or the general specifications of any other works or devices by which groundwater is withdrawn:

10. The estimated amount of groundwater withdrawn each year:

11. The loss of formation 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: Norman Woodland  
Date: Dec 30-63

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

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

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

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

1. George H. Johnson
   (Name of Appropriator)
   County of: Custer
   State of: Montana

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 1, 1958 continuous use during preceding season.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 2000 gallons per day.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: no irrigation.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: gas engine and pump jack. Sec. 32, T. 5, R. 48.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: started April 15, 1958, completed June 1, 1958.

8. The depth of water table: 100 feet.

9. 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: water well, 4" casing, 350' deep, 600' of 2½" casing inside of 4" using wooden rod and 2½" working barrel.

10. The estimated amount of groundwater withdrawn each year: 546,000 gallons.

11. The log of formations encountered in the drilling of each well if available: 0-100' dry sand, 100-220' cherty, 220-350' water sand.

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

Signature of Owner: George H. Johnson
Date: 1/21/53

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

[Form to be completed by driller and filed by owner with County Clerk and Recorder in the county where the well is located.]
FILE

At 10:10 O’Clock A.M.
April 21, 1867

P. S. Sanderson
County Clerk and Ex-Officio Recorder of
Custer County, Montana

By

Depos.