STATE OF MONTANA,
County of Yellowstone, \\

This instrument was filed in my office
this ___ day of __________, at __:__
A.M. February 12th

Edmon C. Hedding, \\
Count Clerk & Recorder

By: __________. __
Deputy
DECLARATION of VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

Lawrence Erickson, of R.F.D., Broadview

County of Yellowstone, State of Montana

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

1. The beneficial use on which the claim is based

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

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

7. The depth of water table

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

9. The estimated amount of groundwater withdrawn each year

10. Character of formations encountered in the drilling of each well if available

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

Signature of Owner

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

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

Original to the County Clerk / Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quaternary for the appropriator.
STATE OF MONTANA
County of Yellowstone.

This instrument was filed in my office
This day of DEC 1st 1896
at 2 : 45 o'clock A.M.

Edison E. Redding
County Clerk & Recorder

By: Deputy
**Notice of Completion of Groundwater Appropriation by Method of Well**

(Under Chapter 231, Montana Session Laws, 1931)

**STATE OF MONTANA**

**ADMINISTRATION OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

**Notice of Completion of Groundwater Appropriation by Method of Well**

File No. T. R. 159

County: [County Name]

**Top of Ground**

(Elev. above sea level: [Elev. above sea level])

Owner or lessee: [Owner's Name]

Address: [Address]

Driller: [Driller's Name]

Address: [Driller's Address]

Date of Notice of Appropriation of Groundwater: [Date]

Date well started: [Date]

Date completed: [Date]

Type of well: [Type of Well]

Equipment Used: [Equipment Used]

Water Use: [Water Use]

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

<table>
<thead>
<tr>
<th>Stratum</th>
<th>Depth (Feet)</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sandstone</td>
<td>20</td>
<td>Drilled</td>
</tr>
<tr>
<td>Blue Sand</td>
<td>30</td>
<td>Bored</td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing Well:** 20 feet.

**Shut-in Pressure for Flowing Well:** [Pressure]

**Pumping Water Level:** 66 feet at 9 feet per minute.

**Discharge in gal. per min. of flowing well:** [Discharge]

**How Tested:** [How Tested]

**Remarks:** [Remarks]

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

**Show exact depth of bottom.**

**Driller's License Number:** [Driller's License Number]

**Driller's Signature:** [Driller's Signature]

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Unknown
Owner: Carl W. Heiker
Address: Broadview
Contractor (if any): Self
Address of Contractor: Broadview
Date Started: Date Completed: before that

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

Natural spring, excavated and cemented into a covered cistern 8 ft. 16 in. deep. Water overflows from top.

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:
10 gal. per min
Measured with fire department's pump.
Used for farmstead, overflow goes to pasture.

Signature of Owner: Carl W. Heiker
Date: Oct 6, 1967

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

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

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

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

This instrument was filed in my office

The 7
day

at 1/2

M. KUEPER
Deputy
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
- X 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: Carl W. Helken  
Address: Broadview, Montana  
Location: T. 4N, R. 23E, Sec. 20  
Document No.: 849175

The form is complete as filed. This is to inform you that your GW form has been received and no further action is necessary on your part.

X The form is incomplete. 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 dates of commencement and completion of spring development:

Other.

County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.

[Signature]

Bureau of Mines and Geology and Quadruplicate for the Appropmtor.
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: Unknown
Owner: Carl W. Heiken, Broadview
Contractor (if any): Self
Address of Contractor: Broadview
Contractor's Site: Spring developed 1968, Spring developed
Date Started: June 1968, Date Completed: May 1968

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

Natural spring, excavated and cemented into a covered cistern 8' x 16' x 16' deep. Water overflows from top. Pump from cistern to buildings.

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: 40 gallons per min.

Measured with tire depth pump.

Used for farmstead, overflows goes to pasture.

Signature of Owner: Carl W. Heiken
Date: Oct. 6, 1967

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.

45791
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Roy Titzworth
   (Name of Appropriator)
   of
   Broadview
   (Address)
   Yellowstone
   (Town)

   County of Yellowstone
   State of Montana

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

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

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

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

   5. If used for irrigation, give the acreage and description of the 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: Well

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

   8. The depth of water table: Approx. 90 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:

   Drilled, 105 feet deep, 6-inch casing

   10. The estimated amount of groundwater withdrawn each year: Don't know

   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 Roy Titzworth
   Date 12-31-63

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

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

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

File No. 

DUPPLICATE

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

RECEIVED

JAN 2, 1964

STATE ENGINEER

Roy Tittsworth, of Broadview

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

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

Steak water

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

Approx. 1949, Continuous use since then

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

Don't know

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.

Don't know

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

Windmill or gas engine

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

Approx. 1949

7. The depth of water table.

Approx. 16 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.

Drilled well, 35 feet deep, 6 inch casing

9. The estimated amount of groundwater withdrawn each year.

Don't know

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

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

Signature of Owner: Roy Tittsworth

Date: 12-31-63

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

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

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

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

STATE ENGINEER

File No. 22

DUPLICATE

County of Yellowstone
State of Montana

Declaration of Vested Groundwater Right

1. Ray Pittsworth  of Broadway
(Name of Appropriator) (Address)

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

<table>
<thead>
<tr>
<th>Month</th>
<th>Day</th>
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</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based:
   - For household use & stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Approximately 1900 & use has been continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Don't know

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:
   - Electricty Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Don't know

8. The depth of water table: Approx. 10 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:
   - Drilled well, 35 feet deep, 6-inch casing

10. The estimated amount of groundwater withdrawn each year: Don't know

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: Ray Pittsworth
Date: 03-31-69

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

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

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

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

Wm. Spidel, President,
Roberts Loan & Cattle Company
(Name of Appropriator)
of Box 507
(Address)
Roundup
(Town)

County of Musselshell
(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: Prior to 1920. Continuous use.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Prior to 1920.

8. The depth of water table: Unknown.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled well. 65 foot depth; 18 foot water level depth. Withdrawal by sucker rods.

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

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

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

Signature of Owner: [Signature]
President: [Signature]
Roberts Loan & Cattle Company
Date: December 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 Appropriator.
STATE OF MONTANA
County of Yellowstone

This instrument was filed in my office
this DECEMBER 19, 1989
at 1:39 o'clock in the afternoon.

[Signature]
County Clerk
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Wm. Spidel, President,
Roberts Loan & Cattle Company
(Name of Appropriator)

County of Musselshell
(County)
State of Montana
(State)

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1937. Continuous Use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 9 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: Wells.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1937.

8. The depth of water table: Unknown.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled Wells: 60 feet depth. 50 feet water level. Withdrawal by master rod.

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

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

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

Signature of Owner: President
Roberts Loan & Cattle Company
Date: December 16, 1963

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

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

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

1. Roy Pittsworth, of Broadview
   - County of Yellowstone, State of Montana
   - have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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: Approx. 1925 and has been continuous

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Approx. 1925

8. The depth of water table: Approx. 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: Drilled, 150 feet deep, 6 inch casing

10. The estimated amount of groundwater withdrawn each year: Don't know

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: Roy Pittsworth
Date: 12-31-63

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
# WATER WELL LOG

**State Engineer**

**Owner**

**Address**

**Driller**

**Address**

**Date Started**

**Date Completed**

**Location**

**Type of well**

**Equipment used**

**Water use**

- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other

**Casing**

- 

**Perforated or screened**

- 

**Type of screen or perforations**

- 

**Static water level, for non-flowing well**

- 

**Shut-in pressure for flowing well**

- 

**Pumping water level**

- 

**How tested**

- 

**Length of test**

- 

**Remarks**

- 

---
**Declaration of Vested Groundwater Rights**  
(Under Chapter 21, Montana Session Laws, 1965)

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

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

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

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

5. **If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner 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 School of Mines and quadruplicate for the Appropriator.
DECLARATION OF VESTED GROUNDWATER RIGHTS

1. _______________________________, of ______________________, (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

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 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: Prior to 1910.

Owner: Roberts Loan & Cattle Company
Address: Roundup, Montana
Contractor (if any): None
Address of Contractor: None
Date Started: None
Date Completed: None

Describe means of obtaining groundwater without a well "so by
sub-irrigation and other natural processes". Include depth to
water when applicable. Spring, bored up and piped
into tank:

Quantity of water developed and used with explanation of method
used to measure or estimate such amount. If use is intermittent
estimate approximate lengths of periods of use. 40 gallons
per hour, measured from pipe outlet.

Signature of Owner: [Signature]
Roberts Loan & Cattle Company
President: [Name]
Date: December 16, 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.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Wm. Spidel, President,
Roberts Loan & Cattle Company, of Box 507
Roundup (Name of Appropriator)
County of Musselshell 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 Stock Water.

2. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910. Continuous Use.

3. The amount of groundwater claimed (in miner's inches or gallons per minute) 9 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 means of withdrawing such water from the ground and the location of each well or other means of withdrawal

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Circa 1910.

7. The depth of water table Unknown.

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 Drilled Well. 60 foot depth. 50 foot depth water level. Withdrawal by sucker rod.

10. The estimated amount of groundwater withdrawn each year 350,000 gallons.

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

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

Signature of Owner

Wm. Spidel, President
Roberts Loan & Cattle Company
Date December 16, 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

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

**Wm. Spidel, Lessee,**

1. **State of Montana, Owner**
   - **Box 507, Roundup**
   - (Name of Appropriator)
   - (Address)
   - (Town)

   County of 
   - **Musselshell**
   - State of 
   - **Montana**

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

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

   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. **1940. Continuous Use.**

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

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. **1940.**

   8. The depth of water table **Unknown. 1100 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 **Deep Drilled well. 1,200 foot depth. Withdrawal: 108 feet of 8 inch casing; 1013 feet of 44 inch casing; 232 feet of 3 inch pipe.**

   10. The estimated amount of groundwater withdrawn each year **550,000 gallons.**

   11. The log of formations encountered in the drilling of each well if available. **None.**

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

   **Signature of Owner.**

   **State of Montana, Owner**

   **Date:** December 16, 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 Y, Parish of X,

This instrument was filed in my office this 1st day of December, 1963, at 11:13 A.M.

County Clerk & Recorder

[Signature]

Deputy
<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>Johnson, Richard R.</td>
<td>1957 well log</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2</td>
<td>Johnson, Richard R.</td>
<td>1957 well log</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Morton, Glen L.</td>
<td>1957 well log</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Morton, Glen L.</td>
<td>1957 well log</td>
<td></td>
<td></td>
</tr>
<tr>
<td>3</td>
<td>Morton, Glen L.</td>
<td>1957 well log</td>
<td></td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Cowser, Maurice</td>
<td>GW4</td>
<td>369203</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Sandbak, Geneva</td>
<td>GW4</td>
<td>731175</td>
<td></td>
</tr>
<tr>
<td>4</td>
<td>Sandbak, Geneva E.</td>
<td>GW4</td>
<td>721176</td>
<td></td>
</tr>
<tr>
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<td></td>
<td></td>
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<tr>
<td>11</td>
<td>Johnson, Richard R.</td>
<td>1957 well log</td>
<td></td>
<td></td>
</tr>
<tr>
<td>13</td>
<td>Johnson, Richard R.</td>
<td>1957 well log</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Reintsema, Cullen</td>
<td>GW4</td>
<td>828463</td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Frey, Henry</td>
<td>GW4</td>
<td>721018</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Frey, Henry</td>
<td>GW4</td>
<td>721020</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Frey, Henry</td>
<td>GW4</td>
<td>721021</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Cowser, Maurice W.</td>
<td>GW4</td>
<td>769203</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Schmidt, Esther L.</td>
<td>1957 well log</td>
<td></td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Schmidt, Esther L.</td>
<td>1957 well log</td>
<td></td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Schmidt, Esther L.</td>
<td>1957 well log</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28</td>
<td>Johnson, Richard R.</td>
<td>1957 well log</td>
<td></td>
<td></td>
</tr>
<tr>
<td>29</td>
<td>Frey, Henry</td>
<td>GW4</td>
<td>721019</td>
<td></td>
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<tr>
<td>33</td>
<td>VanSky, Edward</td>
<td>GW4</td>
<td>700180</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Oswald, Otto Lavern</td>
<td>1957 well log</td>
<td></td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Oswald, Otto Lavern</td>
<td>1957 well log</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
**Water Well Log**

**Owner:** P. E. Johnson  
**Address:** Broadwater

**Date Started:**  
**Date Completed:**

**Type of well:** Drilled  
**Equipment used:** Cable

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

**Casing:**  
- 1/2 ft. to 1 ft.  
- 5 ft. to 6 ft.

**Perforated or screened:**  
- Ft. to Ft.  
- Ft. to Ft.

**Type of screen or perforations:**

**Static water level, for non-flowing well:** 80 feet.

**Shut-in pressure for flowing well:** 2 ft.  
**Pumping water level:** 3 ft.

**How tested:** Pump

**Length of test:** 30 min.

**Remarks:** (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
**Form No. 18**

**T. N. R. E.**

**RECEIVED**

**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>Driller</td>
<td>Address</td>
</tr>
<tr>
<td>Date Started</td>
<td>Date Completed</td>
</tr>
</tbody>
</table>

**Location:** Sec. T. R. S. C.

**Type of well** (Dug, driven, or drilled)

- Equipment used: (pump, drill, rotary, other)

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

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

**Perforated or screened:**
- Ft. to ft. to Ft.

**Type of screen or perforations**

**Static water level, for non-flowing well:** feet

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

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

**How tested:**

**Length of test:**

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

---

**Date:**

---
**Water Well Log**

**Owner:**

**Driller:**

**Date Started:** Aug. 1930

**Date Completed:** Oct. 1930

**Location:** Sec. 4 N., T. 24 E., Butt., Montana

---

**Type of well:**

**Equipment used:**

**Water use:**

- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other

**Casing:**

- 50' to 100'
- Type
- Size

**Perforated or screened:**

- 25' to 100'
- Type
- Size

**Type of screen or perforations:**

**Static water level, for non-flowing well:** feet

**Shut-in pressure for flowing well:** lb./sq. in.

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

**Length of test:**

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

---
WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Type of well</th>
<th>Equipment used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Alan L. Morton</td>
<td></td>
<td>Hand Dug</td>
<td>Pad bar &amp; shew.</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 2 ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rock</td>
<td>3 ft.</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or screened</th>
<th>0 ft. to 0 ft.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Rock</td>
<td>3 ft.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Static water level, for non-flowing well:</th>
<th>15 feet</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Shut-in pressure for flowing well:</th>
<th>lb./sq. in. on: (date)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Pumping water level</th>
<th>5 feet at 5 gal. per. min.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>How tested:</th>
<th>Pumped with windmill and pump</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Length of test</th>
<th>30 min.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Remarks:</th>
<th>Gravel packing, cementing, packers, type of shut-off, depth of shut-off</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>This well is cased with rock which is laid up from</th>
<th>Bedrock up to the top of the well.</th>
</tr>
</thead>
</table>
**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Owner</strong></td>
<td>Jim L. Morton</td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Driller</strong></td>
<td>Da Fe Morton</td>
</tr>
<tr>
<td><strong>Address</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Date Started</strong></td>
<td>06/16</td>
</tr>
<tr>
<td><strong>Date Completed</strong></td>
<td>10/16</td>
</tr>
<tr>
<td><strong>Location</strong></td>
<td>Sec 3 T 4 R 4 S 8/4</td>
</tr>
</tbody>
</table>

**Type of well** | **Hand dug** | **Equipment used** | **Drilled** | **Rotary** | **Other** |

**Water use** | **Domestic** | **Municipal** | **Stock** | **Irrigation** | **Industrial** | **Drainage** | **Other** |

<table>
<thead>
<tr>
<th>Casing:</th>
<th><strong>0</strong> ft. to <strong>20</strong> ft.</th>
<th><strong>Type</strong></th>
<th><strong>Rock</strong></th>
<th><strong>Size</strong></th>
<th><strong>3 ft.</strong></th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td><strong>0</strong> ft. to <strong>20</strong> ft.</td>
<td><strong>Type</strong></td>
<td><strong>Rock</strong></td>
<td><strong>Size</strong></td>
<td></td>
</tr>
<tr>
<td>Casing:</td>
<td><strong>0</strong> ft. to <strong>20</strong> ft.</td>
<td><strong>Type</strong></td>
<td><strong>Rock</strong></td>
<td><strong>Size</strong></td>
<td></td>
</tr>
</tbody>
</table>

**Perforated or screened** | **Type** | **Rock** | **Size** | **3 ft.** |

**Type of screen or perforations** | **Water seeps through rock** |

**Static water level, for non-flowing well** | **55** ft. |

**Shut-in pressure for flowing well** | **10 lb./sq. in.** |

**Pumping water level** | **3** ft. at **2** gal. per min. |

**How tested** | **pumped with windmill and pump** |

**Length of test** | **30 min.** |

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

*This well is a cased with rock wire, is laid up from 200 ft. up to the top of the well.*
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>Len L. Morton</td>
<td>Broadview, Mont.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>D. F. Morton</td>
<td>Mar, 1912</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sec. 1911</td>
<td>Mar, 1912</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location</th>
<th>Sec. T. R. 26</th>
</tr>
</thead>
<tbody>
<tr>
<td>1/4 Sec.</td>
<td>1/4 Sec.</td>
</tr>
</tbody>
</table>

Type of well: Hand dug
Equipment used: Spade, bar & shovel

Type of well: (Dug, driven, or drilled)
Equipment used: (Churn, drill, rotary, etc.)

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

Casing:
<table>
<thead>
<tr>
<th>ft. to</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

Perforated or screened:
<table>
<thead>
<tr>
<th>Ft. to Ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>20</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Type of screen or perforations: Water seeps through rocks

Static water level, for non-flowing well: 20 feet.

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

Pumping water level: 5 feet at 3 gal./per.min.

How tested: Pumped with hand pump and measured.

Length of test: 5 min.

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

This well cased with rock which is 1,500 ft. from bed rock to top of well.
**MONTANA BUREAU OF MINES AND GEOLOGY**
Butte, Montana

**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Owner: Cook L. Morton</th>
<th>Address: Broadview, Mont.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller: L.E. Anderson</td>
<td>Address:</td>
</tr>
</tbody>
</table>

Date Started: Nov. 1943 Date Completed: 12/43

Location: Sec. 2 T. 5 R. 24 1/4 Sec. NW/4

<table>
<thead>
<tr>
<th>Type of well: Drilled</th>
<th>Equipment used: churn drill</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Dug, driven, or drilled)</td>
<td>(Churn, drill, rotary other)</td>
</tr>
</tbody>
</table>

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

Industrial [ ] Drainage [ ] Other [ ]

Casing: 0 ft. to 50 ft. Type [ ] steel Size [ ]

Casing: 50 ft. to ______ ft. Type [ ] Size [ ]

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

Perforated or screened: ______ ft. to ______ ft. 300 ft.

Type of screen or perforations: perforations in casing.

Static water level, for non-flowing well: ______ feet.

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

Pumping water level: ______ feet at ______ gal./per.min.

How tested: ______ drilled with wall drill.

Length of test: ______ 30 min.

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

---

[Input data]
### WATER WELL LOG

**Owner:** Glen L. Morton  
**Address:** Broad

**Driller:** Frank Buckley  
**Address:** [Address]

**Date Started:** Mar. 15  
**Date Completed:** 3/5

**Location:** Sec. 7, T. 42 N., R. 9 W., Sec. 24

#### Type of Well
- **Drilled**
- **Equipment used:** [Churn, drill, rotary, other]

#### Water Use
- Domestic [x]  
- Municipal  
- Stock  
- Irrigation  
- [x] Industrial  
- Drainage  
- [x] Other

#### Casing
- 0 ft. to 200 ft.  
- Type: steel  
- Size:
- 0 ft. to 200 ft.  
- Type: steel  
- Size:
- 0 ft. to 200 ft.  
- Type: steel  
- Size:
- Perforated or screened  
- 185 ft. to 200 ft.  
- Size:

#### Type of Screen or Perforations
- [perforations in casing]

#### Static Water Level
- For non-flowing well: 150 feet.

#### Shut-in Pressure
- For flowing well: [lb./sq. in.] on: [date]

#### Pumping Water Level
- 100 feet at 5 gal. per min.

#### How Tested
- [well tested with test]

#### Length of Test
- 10 min.

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

- [Remarks]
**WATER WELL LOG**

- **Owner:** Jim L. Morton
- **Address:** Broadview, Mont.
- **Driller:** Self
- **Address:**
- **Date Started:** Oct. 1959
- **Date Completed:** 10/59
- **Location:** Sec. 3, T. 4, R. 24

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
<th>Water use</th>
<th>Casing:</th>
<th>Casing:</th>
<th>Casing:</th>
<th>Perforated or screened</th>
</tr>
</thead>
<tbody>
<tr>
<td>hand dug</td>
<td>spud bar &amp; shovel</td>
<td>Domestic</td>
<td>0 ft. to 8 ft.</td>
<td>Type: galvanized steel</td>
<td>Size: 4 in.</td>
<td>Ft. to Ft.</td>
</tr>
<tr>
<td>(Dug, driven, or drilled)</td>
<td>(Churn, drill, rotary, or other)</td>
<td>Municipal</td>
<td>Ft. to Ft.</td>
<td>Type</td>
<td>Size</td>
<td>Ft. to Ft.</td>
</tr>
<tr>
<td>Stock</td>
<td>Irrigation</td>
<td>Industrial</td>
<td>Drainage</td>
<td>Other</td>
<td>Other</td>
<td>Other</td>
</tr>
</tbody>
</table>

- **Type of screen or perforations:** Perforations in casing.
- **Static water level, for non-flowing wells:** 6 feet.
- **Shut-in pressure for flowing wells:** 1 lb./sq. in. on: (date)
- **Pumping water level:** 3 feet at 10 gal./per.min.
- **How tested:** pumped with pump and gas engine.
- **Length of test:** 30 min.
- **Remarks:** Gravel packing, cementing, packers, type of shut-off, depth of shut-off.

**Gravel packing around a casing from 4 ft. to 8 ft.**
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 21, Montana Session Laws, 1965)

1. MAURICE W. CONNER of BROADVIEW
   (Name of Appropriator) (Address) STATE MONTANA
   County of YELLOWSTONE State of MONTANA

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

   2. The beneficial use, e., which the claim is based. Human
      land and livestock consumption

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

   4. The amount of groundwater claimed (in 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. None

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

   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. Unlined, Clinch - 150 ft.

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

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

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

   Signature of Owner
   MAURICE W. CONNER
   Date Dec. 30 - 1965

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

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

<p>| | | | |</p>
<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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) __________ per minute

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

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

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

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

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

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

1. 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: ________

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

4. The amount of groundwater claimed (in numbers of 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 School of Mines and Quadruplicate for the Appropriator.
<table>
<thead>
<tr>
<th>Form No. 18</th>
<th></th>
</tr>
</thead>
</table>

**MONTANA BUREAU OF MINES AND GEOLOGY**

**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>
</table>

**Location:** Sec. ___, T.___, R. ___, Montana

**Type of well drilled:** (Dug, driven, or drilled)

**Equipment used:** (Churn, drill, rotary or other)

**Water use:** Domestic, Municipal, Stock, Irrigation, Indirect, Drainage, Other

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

**Perforated or screened:**
- **ft. to ft.**
- **ft. to ft.**

**Type of screen or perforations:**

**Static water level, for non-flowing well:** __________ feet.

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

**Pumping water level:** __________ feat. at __________ gal. per min.

**How tested:**

**Length of test:**

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

---
WATER WELL LOG

<table>
<thead>
<tr>
<th>Field</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Form No.</td>
<td>18</td>
</tr>
<tr>
<td>T.</td>
<td>N, 39th</td>
</tr>
<tr>
<td>County</td>
<td>8-60</td>
</tr>
</tbody>
</table>

**Owner**

**Address**

**Driller**

**Address**

**Date Started**

**Date Completed**

**Location**

**Type of well**

**Equipment used**

**Water use**

Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]

Indoor [ ] Outdoor [ ] Other [ ]

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or screened Ft. to Ft. Ft. to Ft.

Type of screen or perforations

Static water level, for non-flowing well: ft.

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

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

How tested:

Length of test:

Remarks: (Gravel packing cementing, packers, type of shut-off, depth of shut-off)
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: J. & M. R. Johnson
Address: Broadview, Montana

Driller: Larry Johnson
Address: 1105 Lynn Ave., Billings

Date of Notice of Appropriation of Groundwater...

Date well started: Sept. 5, 1962
Completed: Sept. 7, 1962

Type of well: Driven Well
Equipment Used: Drill
(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>Size of Drilled Hole</th>
<th>Size of Well</th>
<th>Flow Rate</th>
<th>Pressure</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 inches</td>
<td>1/2 inch</td>
<td>0</td>
<td>3/8 in.</td>
<td>165</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well...

Shut-in Pressure for flowing well...

Pumping Water Level...

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

How Tested...

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)

Driller's License Number

Signature
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

STATE ENGINEER

<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></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Location: Sec. 4 T. 44 N., R. 47 E.

Type of well: Drilled

Equipment used: Other

Water use: Domestic

Municipal

Stock

Irrigation

Industrial

Drainage

Other

Casing: 0 ft. to 12 ft. Type: , Size:

Casing: ft. to ft. Type: , Size:

Casing: ft. to ft. Type: , Size:

Perforated or screened: 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. (date)

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

How tested: Pump & Bell

Length of test: 

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

Dead packing full length:  

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: ____________________________
Address: ____________________________

Date well started ________________
completed ________________

Type of well ____________________________
Equipment used ____________________________
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

<table>
<thead>
<tr>
<th>Size of Exposed Area</th>
<th>Feet and Fractions of Feet</th>
<th>Feet</th>
<th>To (Feet)</th>
</tr>
</thead>
</table>

PERFORATIONS

N

W

E

S

1/4 Sec. 1

T. 4 N. R. 24 E. E

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

Driller's Signature ____________________________
Driller's Address ____________________________

LICENSE NO. ____________________________

indicate the character, color, thickness of strata such as soil, clay, sand,
gavel, shale, sandstone, etc. Show depth of which water is found and
height to which water rises in well.

Top of Ground (Elev. above sea level)

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
</table>

Show exact depth of bottom 1/3
STATE OF MONTANA,
County of Yellowstone.
This instrument was filed in my office
this 28, 1979.

MERRILL H. KLUNDT
County Clerk & Recorder
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE,
OFFICE OF STATE ENGINEER

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

1. Henry Jones, of Broadview, State of Montana
   County of Stevens, State of Montana, having appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use of which the claim is based

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   1952 — All time

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   5 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
   [Space for information]

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

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

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
   Drilled 75 ft. 6” casing

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

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

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

Signature of Owner

Date

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

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

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

This instrument was filed in my office

DEC 27 1910

By

M. R. 

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

1. **Henry Ingram**, of **Broadway**, **Yellowstone County**
   State of **Montana**
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   **1976 - All time**

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   **80 gal. 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 the well or other means of withdrawal
   **Electric 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
   **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
   **Drill in 100', casing, 50' deep**

10. The estimated amount of groundwater withdrawn each year
    **30,000**

11. The log of formations encountered in the drilling of each well if available
    **None**

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

Signature of Owner: **Henry Ingram**
Date: **Dec 28, 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 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)

1. NAME OF APPROPRIATOR: Henry Trey
   ADDRESS: Broadway
   COUNTY: Yellowstone
   STATE: Montana

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

   2. The beneficial use on which the claim is based
      (House, field, etc.)

   3. Date or approximate date of earliest beneficial use and how continuous the use has been
      (Month, year) 1960
      (Nth year)

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

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

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

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

   8. The depth of water table
      (Number of 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
      (Type and specifications)

   10. The estimated amount of groundwater withdrawn each year
       (Number)

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

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

   Signature of Owner: Henry Trey
   Date: Dec 31, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the 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 327 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 ____________________________
completed ____________________________

Type of well (Drill, drive, bored or drilled)

Equipment used (Chains, rods, rotary or other)

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

<table>
<thead>
<tr>
<th>Date of Estimation</th>
<th>Name of Owner</th>
<th>Use</th>
<th>Top of Ground</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>(Read)</td>
<td>(Read)</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>(To)</td>
<td>(To)</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>M</th>
<th>W</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level ______ ft.
Pumping water level ______ ft.

*Measured from ground level.

Well developed by ______ hours.

Power: ______ 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: ____________________________

LICENSE NO: ____________________________

Show exact depth of bottom: ______ ft.