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

1. Bitter Root Stock Farm, Inc. of Box 271, Hamilton, Montana

(Name of Appropriator) (Address) (Town)

County of Ravalli, 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 The estimated amount of groundwater withdrawn each year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

Bitter Root Stock Farm, Inc.

Signature of Owner

Date

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)

1. **Charley P. Clock**, of **177 Box 219 Hamilton**

   (Name of Appropriator) (Address) (Town)

2. The beneficial use on which the claim is based: **House, Garden, Stock water in corral**

3. Date or approximate date of earliest beneficial use; and how long has the use been **continuous**: **Spring 1937. Summer 1937. Fall and winter 1937.**

4. The depth of water table: **35 ft.**

5. The amount of groundwater claimed (in miner's inches or gallons per minute): 75 gallons per minute.

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

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

8. The estimated amount of groundwater withdrawn each year: **5,000 Gallons.**

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: 

   **In Book 1, page 91.**

---

**Signature of Owner**: **Charles P. Clock**

**Date**: **12-21-61**

---

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 Wall and Lucy J. Wall**, of Route #2, Hamilton, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   - **Name of Appropriator**
   - **Address**
   - **Town**
   - **County**
   - **State**

2. The beneficial use on which the claim is based.
   - **domestic, irrigation and other beneficial purposes**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. **1952; continuous since 1952**.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). **Sufficient to irrigate the % of the herein below described property**.

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. **Electric pump and pipe, located 600' Westerly and 100' Southerly from the SE corner of the above described property**.

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

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 50' deep, 6' casing, 2' pipe**.

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

11. The log of formations encountered in the drilling of each well if available. **Clay loam, sand and gravel, clay, sand at bottom of well — all formations of about equal depth**.

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

**Signature of Owner:**

**Date:** December 50th, 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.
I certify that I received and filed this
instrument on the date of. Dec 1963 10:15
o'clock

J. Y. Moore
COUNTY RECORDER

Shirley Smith
DPIR
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: ________ Date well started: ________
Address: ________ Location: ________ Date well completed: ________

Type of well: ________ Equipment used: ________

Water Use: Domestic ________ Municipal ________ Stock ________ Irrigation ________

Industrial ________ Drainage ________ Other ________

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>Season</th>
<th>Size and Weight of Casing (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>0</td>
<td>40</td>
<td>NA</td>
</tr>
</tbody>
</table>

Static water level ________ ft. Pumping water level ________ ft. measured ________ gallons per minute, measured ________ minutes after pumping began.

*Measured from ground level.

Well developed by ________ for ________ hours.

Power Pump ________ HP

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

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

Each Small Square Represents 40 Acres.

Driller's Signature ________

Driller's Address ________

County: ________

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, 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) ________

From (Feet) To (Feet)

0 ft. Top of ________

2 ft. Gravel ________

23 ft. Sand ________

31 ft. Sand ________

40 ft. Gravel ________

Show exact depth of bottom ________
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

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

1. Name of Appropriator: John B. Johnson
   Address: 123 Main St., Hamilton, Mont.

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Jan 1, 1960

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 100 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: 10 acres, Field A

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

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

8. The depth of water table: 10 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 10 ft, 10 in.

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

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

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

Signature of Owner: John B. Johnson
Date: Jan 1, 1960

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

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1946

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 8 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: [Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.]

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: [Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.]

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

8. The depth of water table: 10 - 25 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: [Drilled well - 4' pipe - 35 ft]

10. The estimated amount of groundwater withdrawn each year: household - 100,000 gal. per year

11. The log of formations encountered in the drilling of each well if available: [Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.]

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

Signature of [Name of Appropriator]  
Date: [Month] 3 - 4

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.
I certify that I received and filed this instrument on the 3rd day of Jan., 1925, at 9 o'clock A.M.

F. G. Moore
County Recorder
By: [Signature]
Date: [Date]
State of Montana
Administrator of Groundwater Code
Office of State Engineer

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

1. County of Ravalli, 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: DOMESTIC SUPPLY WATER UTILITY

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 12/26/38

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1000 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: NOT APPLICABLE

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: 12/26/38

8. The depth of water table: 20'

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" CASING 66 FT.

10. The estimated amount of groundwater withdrawn each year: NOT AVAILABLE

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

N. S. THANE
Signature of Owner

Date 3/20/63

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 School of Mines and Quadruplicate for the Appropriator.
COUNTY RECORD

I certify that I received and from the instrument on this 28th day of March, 19__ at 8:20 a.m.

[Signature]
COUNTY RECORDER

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

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

1. Sadie Summers, of 110 Daly Ave., Hamilton
   (Name of Appropriator) (Address) (Town)

   County of Ravalli, State of Montana

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

   N

   W

   E

   S

   SW 1/4 Sec. 30 T. 6 R. 20W

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

2. The beneficial use on which the claim is based: household & irrigating yard & garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: October 1959, continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 20 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: 1. lot on east side of Daly Avenue

6. The means of withdrawing such water from the ground and the location of each 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: October 1959

8. The depth of water table: 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: depth 37 feet, 4 inch casing

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

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: Sadie Summers

Date: December 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
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: C. Q. Stiner
Address: 116 Daly Ave., Hamilton, Montana

Date well started: Dec. 23, 1972
Completed: Dec. 24, 1972

Type of well: drilled well
Equipment used: churn drill

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

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 Delineated Hole</th>
<th>Size of Delineated Hole</th>
<th>Top of Ground (Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>175/2 ft.</td>
<td>0</td>
</tr>
</tbody>
</table>

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</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>175/2 ft.</td>
<td>0</td>
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</tbody>
</table>

PERFORATIONS

<table>
<thead>
<tr>
<th>Size of Delineated Hole</th>
<th>Size of Delineated Hole</th>
<th>Top of Ground (Elev. above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>175/2 ft.</td>
<td>0</td>
</tr>
</tbody>
</table>

Static water level: 15 ft.
Pumping water level: 32 ft.

60 gpm, 60 minutes after pumping began.

*Measured from ground level.

Well developed by: Churn drill

Power: Pump HP

Remarks: Gravel packing, cementing, sand, gravel, etc.

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

Driller's Signature: Charles W. Stiner
Driller's Address: Havalli Drilling Co., Victor, Mont.

LICENSE NO. 200

Show exact depth of bottom
I certify that I received and filed this instrument on this 19th day of Dec. 1972 at 9:30 A.M.

F.C. Moore
COUNTY RECORDER

Debra E. Angel
Deputy
2-19-00
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Marilyn R. Mildenberg, 623 N. Main St., Hamilton, Montana

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

Date of Notice of appropriation of groundwater: None filed

Date well started: 5/11/66

Date completed: 5/13/66

Type of well: Drilled

Equipment used: Cable Tools

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet) To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6 5/8&quot; OD x 3/4&quot;</td>
<td>-8</td>
<td>N</td>
</tr>
<tr>
<td></td>
<td></td>
<td>87</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 34 feet.

Shut-in Pressure for Flowing Well: Non-flowing

Pumping Water Level: 50 feet at 60 gal. per minute.

Discharge in gal. per min. of flowing well: Non-flowing

How Tested: Air Lift Pump

Length of Test: Three hours

Remarks: (Gravel packing, cementing, packers, type of shotoff) All water entering well is coming through the open bottom of six inch casing. Wells with open bottom completions in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they

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).

Show exact depth of bottom.

Bottom of hole 87'

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

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

Driller's License Number

Driller's Signature

Date: 4/13/66
should be pumped at rates less than 25 to 50 per cent of the tested capacity of the aquifer.
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Pershing J. & Donna M. Menager
   (Name of Appropriator)
   of 110 Daly
   (Address)
   Hamilton, Montana
   (Town)

County of Ravalli, 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, commercial, and maintenance of premises, domestic use, consumption, drinking purposes.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: February 9, 1962, and continuous daily use ever since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 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: approximately one third acre, on Lot 16, and north 33 feet of Lot 17 of Block 2, Ravalli County, Montana.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 4 inch welded casing, piped from the well located about 8 ft. from the foundation on the southeast side to a centrifugal pump under the dwelling.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Dated started November 14th, 1960, dated completed November 15, 1960.

8. The depth of water table: 38 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: 4 inch welded casing, from the 2 ft. level to the 40 ft. level, piped to a pipe and pressure tank 3 ft. under the adjacent dwelling. Static water level, for non-flowing well, when measured in January 1960 was 12 to 13 ft.

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:

   From 0 to 2 ft. Pit: 30 to 36 ft. Fine sand and water.
   From 2 to 15 ft. gravel and boulders: 36 to 42 ft. Hard pan and no water.
   From 15 to 30 ft. gravel and sand: 42 to 48 ft. Coarse gravel and water.

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: Abstract of Title No. 16472, Well located on Lot 16 and north 33 feet of Lot 17 of Block 2, Ravalli County, Montana.

Signature of Owner: [signature]
Date: 1-1-63.

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 School of Mines and Quadruplicate for the Appropriator.
I certify that I received and filed this
instrument on this 13th
day of Dec, 1963, at 3:30
o'clock P.M.

F. A. Moore
County Recorder

[Signature]
Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner: Date: Address: For Administrator's Use: File:

Date well started: Type of well: Equipment used:

Date well completed: Top of Ground:

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:

Site of Drilled Site and of Chase From To (Foot) (Foot) PERFORATIONS

N

Static water level: Pumping water level:

at: gallons per minute, measured 10 minutes after pumping began.

*Masured from ground level.

Well developed by Pump for hours.

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.

If exact depth of bottom known, show exact depth of bottom.
Owner: Glenn E. Matthiae, K. D.  Address: Rte. #2, Box 2090, Hamilton, Mont.
Driller: Norman Ray  Address: Rte. 118, Hamilton, Mont.
Date Started: 10/9/59  Date Completed: 9/13/59
Location: Sec. 30 T. E.R. 20  ¼ sec. 5E14 W E'

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>churn drill</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use:</td>
<td>Domestic</td>
<td>Municipal</td>
<td>Stock</td>
</tr>
<tr>
<td>Casing:</td>
<td>160 ft. to</td>
<td>ft.</td>
<td>Type</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to</td>
<td>ft.</td>
<td>Type</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to</td>
<td>ft.</td>
<td>Type</td>
</tr>
<tr>
<td>Perforated or Screened:</td>
<td>Ft. to Ft.</td>
<td>Ft. to Ft.</td>
<td></td>
</tr>
<tr>
<td>Type of screen or perforations:</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static Water level, for non-flowing well:</td>
<td>100 feet</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shut-in pressure, for flowing well: non-flowing:</td>
<td>lb./sq. in.</td>
<td>on:</td>
<td>(date)</td>
</tr>
<tr>
<td>Pumping water level:</td>
<td>100 feet</td>
<td>at</td>
<td>5,000 gal. per</td>
</tr>
<tr>
<td>How tested:</td>
<td>with compressor</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of test:</td>
<td>about 4 hrs</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
<td>gravel pack</td>
<td></td>
</tr>
</tbody>
</table>

(over)
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Edward E. Marchese
(Name of Appropriator)

County of
(Harrison)

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. Domestic use.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been. Purchased this place in 1939. First brothers 3 yrs.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 170. Ten minutes in.

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. 25 or 30 ft. plenty of water, never gets low.

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. About 25,000 gal. or more.

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: Edward E. Marchese

Date: Dec. 21, 1963

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Carl T. Sullivan  Address: Hamilton, MT
Driller: Bill Anderson  Address: Hamilton, MT

Date of Notice of Appropriation of Groundwater: ____________________________

Date well started: ____________________  Date Completed: _____________________

Type of well: ______  Equipment Used: ______
(dug, driven, bored or drilled)

Water Use: Domestic ( )  Municipal ( )  Stock ( )  Irrigation ( )
Industrial ( )  Drainage ( )  Other ( )

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

---

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

Shut-in Pressure for Flowing Well: ____________________________

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

Discharge in gal., per min. of flowing well: ______ gal./min.

How Tested: ______  Length of Test: ______

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

---

Driller's License Number: ______
Driller's Signature: ______

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines; and quadruplicate for the Appropurator.
I certify that I received and filed this instrument on this 9th, day of Dec., 1965, at 3:35 P.M.

By ______________________

County Recorder

# 4643
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. ...Ciren L. Martinas, of Box 209 C, Hamilton
(Name of Appropriator) (Address) (Town)

County of RAVALLI 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:
   October 19, 1858; continuous since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Use of all water from well: 833 gal. 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:
   1/10 of an acre.

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:
   October 19, 1858.

8. The depth of water table: 100 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   180 ft. depth, steel casing 6 in.

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

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:

County Clerk & Recorder

Signature of Owner

Date, December 31, 1963.

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
I certify that I received and filed this instrument on this 31st day of November, 1922, at 10:01 o'clock A.M.

F. H. Moore
County Recorder

By
Shirley Keith
DEPUTY
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Margaret Law, of 207 Flower St., Hamilton
(Name of Appropriator) (Address) (Town)
County of Ravalli, 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: household, irrigation-lawn and garden.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: July 1, 1946, continuous.

4. The amount of groundwater claimed, in miner's inches or gallons per minute: 1 miner's inch.

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: 30 acres, parcel #30, M. P. M. and H. A. Hult, patented.

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

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

8. The depth of water table: 10 to 18 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: driven well, 28 feet deep.

10. The estimated amount of groundwater withdrawn each year: 55,000 miner's inches.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: Volume 17, Deeds, page 306.

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.
I certify that I received and filed this instrument on this 27th day of June, 1964.

COUNTY Recorder

[Signature]

DEPUTY
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

This form to be prepared by driller, and three copies to be filed
by the owner with the County Clerk and Recorder in the county in
which the well is located, last copy to be retained by driller.
Please answer all questions. If not applicable, so state, otherwise the
form may be returned.

Owner: Ralph Laws
Address: Hamilton, Montana

Date well started: April 22, 1973
GW 1.3.0.0
 Date well completed: April 30, 1973

Type of well: (Drill, driven, bored or drilled)

Equipment used: (Chimney drill, rotary or other)

Water Use: Domestic [ ] Municipal [X] Stock [ ] Irrigation [X]
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 Field</th>
<th>Size and Width of Canal</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Water Level</td>
<td></td>
<td></td>
<td></td>
<td>NA</td>
</tr>
</tbody>
</table>

Static water level: 18 ft.
Pumping water level: 12 ft.

Power: 1/2 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: J. J. Iredorf
Driller's Address: Hamilton, Montana
LICENSE NO. 101
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Vernon S. Langley, of 129 Marcus St., Hamilton
   (Name of Appropriator) (Address) (Town)

   County of Ravalli, State of Montana

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

   N

   W

   S

   E

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

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: October 14, 1958

   Continuously

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 600 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:

   Yard 50 by 90 feet

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

   Horse pump

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: October 3, finished October 11, 1958

   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: Drilled well, Four-inch casing, Depth of well is fifty feet

   10. The estimated amount of groundwater withdrawn each year: 150

   11. The log of formations encountered in the drilling of each well if available: 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: Vernon S. Langley
   Date: 12-31-1965

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 Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Harriet S. Lagerquist and Edward T. Corti of Hamilton, Montana

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

1. Name of Appropriator

2. The beneficial use on which the claim is based

   Household use and irrigation purposes

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

   July 1954 - continuous use

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

   15 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

   2.2 acres in NE 1/4 Sec. 30, T. 6 N., R. 20 E.,

6. The source of withdrawing such water from the ground

   Drilling

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

   March 1954

8. The depth of water table

   110 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 - drilled; Size - six inch casing; Depth - 125 feet

10. The estimated amount of groundwater withdrawn each year

    Unknown amount - used for household and irrigation purposes for two residences

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

    Not available

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

    None

Signature of Owner

Date 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 School of Mines and quadruplicate for the Appropriator.
I certify that I received and filed this Instrument on the 16th.

day of Dec. at 9:30 a.m. at 9:30
d'clock

L. A. Moore
COUNTY RECORDER

By: DEPUTY
### Declaration of Vested Groundwater Rights

**State of Montana**

**Administrator of Groundwater Code**

**Office of State Engineer**

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **Paul G. or Mabel Lucille Kurtz**
   - (Name of Appropriator)
   - of **Rte. 2, Box 381, Hamilton**
   - (Address)
   - (Town)
   - County of ** Ravalli**
   - 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, Milkhouse, drinking water for dairy cattle all winter and irrigating in the summer**.

3. Date or approximate date of earliest beneficial use and how continuous the use has been: **1962 and continuously**.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: **Electric power and the well is 30 feet outside of the house to the east**.

6. The means of withdrawing such water from the ground and the location of the well or other works for withdrawal: **Electric power**.

7. The date of commencement and completion of the construction of the well, pumps, or other works for withdrawal of groundwater: **1963**.

8. The depth of water table: **58 feet deep**.

9. So far as it may be available, the type, size and depth of each well on the general specifications of any other works for the withdrawal of groundwater: **Drilled, cased in 4" pipe then drawn in another pipe**.

10. The estimated amount of groundwater withdrawn each year: **70,000,000 gallons**.

11. The log of formations encountered in the drilling of each well if available: **dirt, sand, gravel, and hardpan**.

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

   **Signature of Owner**

   **Date**

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

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

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

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

1. Paul G. or Mabel Lucile Kurtz of Box 381 Hamilton
   (Name of Appropriator) (Address) (Town)
   County of Ravalli 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, lawn, garden

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

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
   One half acre Paul G. or Mabel Lucile Kurtz

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Drilled well, electric pump, well is two outside of house

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

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, cased in 4" pipe then drawn in another pipe

10. The estimated amount of groundwater withdrawn each year
    305,000 gallons

11. The log of formations encountered in the drilling of each well if available dirt, sand, gravel, hard pan

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
Paul G. Kurtz

Date Dec. 28, 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
MONTANA WATER RESOURCES BOARD
NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1961
(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: Hamilton
Address: Montana
Date well started: March 24, 1973
Date well completed: March 25, 1973
Type of well: Drilled
Equipment used: 4" x 8" Tool
Water Use: Domestic 
Industrial 
Municipal 
Stock 
Irrigation 
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 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>Lincl</td>
<td></td>
<td>0</td>
<td>34'</td>
<td></td>
</tr>
</tbody>
</table>

Static water level 14 ft.
Pumping water level 13 ft.
at 30 gallons per minute, measured 10 minutes after pumping began.
*Measured from ground level.
Well developed by Pump
for 24 hours.
Power: 1/2 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature: [Signature]
Driller's Address: 501 7th St
LICENSE NO. 194

Show exact depth of bottom

52.72
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: J. L. Kelley
Address: HAMILTON, MONTANA

Date well started: JULY 8, 1962
Date well completed: JULY 17, 1962

Top of Ground

<table>
<thead>
<tr>
<th>Elevation (Above Sea Level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>14' 9&quot;</td>
</tr>
</tbody>
</table>

Type of well Drilled: CHURN
Equipment used: CHURN (Churn, rotary or other)

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

*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 Drilled Hole</th>
<th>Rise and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;ID. 5-1/8&quot;OD</td>
<td>Ground 4016&quot;</td>
<td>1/4&quot; wide</td>
<td>level</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>17 lbs.</td>
<td></td>
<td>none</td>
</tr>
</tbody>
</table>

Static water level: 4 ft.
Pumping water level: 30 ft.
at: 60 gallons per minute measured minutes after pumping began.
*Measured from ground level.
Well developed by COMPRESSOR for 2 hrs. hours.
Power: Pump: 1 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: Kenneth J. Williams
Driller’s Address: 5659 60th W., MISSOULA, MONTANA
LICENSE NO. 151
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: Malcom Johnson
Address: Hamilton, Montana

Date well started: July 4, 1971
GW 1

Date well completed: July 4, 1971

Type of well: Drilled

Equipment used: Cable Tool (Drill, drop, bored or drilled)

Water Use: Domestic [x] 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 Drilled</th>
<th>Size and Weight of Cable Tool</th>
<th>Flow (GPM)</th>
<th>Pressure (PSI)</th>
<th>Weight (lbs)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Linch</td>
<td>0.25</td>
<td>D 25</td>
<td></td>
<td></td>
<td>N</td>
</tr>
</tbody>
</table>

Static water level: 5 ft.
Pumping water level: 13 ft.

Pumped at 90 gallons per minute; measured 30 minutes after pumping began.


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

---

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

Driller's Signature: __________________________
Driller's Address: __________________________

---

Top of Ground (El. above sea level): 9545

---

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

Driller's Signature: __________________________
Driller's Address: __________________________

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485793
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: John Smith
Address: 123 Main St, Anytown, MT

Driller: Jane Doe
Address: 456 Elm St, Anytown, MT

Date of Notice of Appropriation of Groundwater: July 1, 1962

Date well started: July 1, 1962

Date completed: July 15, 1962

Type of well: Churn drill

Water Use: Domestic

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

<table>
<thead>
<tr>
<th>Strata Met</th>
<th>Character</th>
<th>Thickness</th>
<th>Depth of Encounter</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Clay</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shale</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Gravel</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Rock</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 5 feet.
Shut-in Pressure for Flowing Well:...
Pumping Water Level: 12 feet at 15 gal. per minute.
Discharge in gal. per min. of flowing well: 30
How Tested: Pump
Length of Test: 48 hours

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
Probably filed in County on July 12th.
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...
   (Name of Appropriate)
   (Address) (Town) (County)
   State of Montana

2. The beneficial use on which the claim is based...
   (Domestic and Irrigation)

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

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

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

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

8. The depth of water table...
   (2.5 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...
   (Specifications)

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

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...

Date: 10-8-1964

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
I certify that I received and filled this instrument on the 20th day of Dec., 1865, at 1132 P.M.

S. B. Mapes
Cashier Auditor

Shelby Keith
Esquire
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: Leonard Loew, c/o 115 Birch St, Hamilton
   (Address)
   County of: Ravalli, 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: Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 25 years

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

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: 10/20/60

8. The depth of water table: 25 ft

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

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

11. The log of formations encountered in the drilling of each well if available: 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: Leonard Loew
Date: 12-30-63

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.
#2526

I certify that I received and filed this instrument on this 20th day of December, 1938.

F. T. Moore

Notary Public

Shuler Keith

Benton, Missouri
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

G. E. and
Owner:

Msylile E. Arbison
Address: Hamilton, Montana

Liberty Drilling Company, Address: Missoula, Montana

Date of Notice of Appropriation of groundwater: None filed.

Date well started: 2/23/70
Date completed: 3/3/70

Type of well: Drilled
Equipment used: Cable tools
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>8 5/8&quot; x 3/4&quot;</td>
<td>+2</td>
<td>51</td>
<td></td>
</tr>
</tbody>
</table>

A 7 5/8" tailpipe with solid closed bottom extends to 68 feet.

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

Non-flowing...

How Tested:
Air Lift Pumping...
Length of Test...
50 hours...
Remarks:

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

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

Driller's License Number...
Driller's Signature...

[Diagram and additional information]
are not overpumped, i.e., they should be pumped at rates not in excess of 50 to 75 percent of the tested capacity of the aquifer.
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **City of Hamilton** of **Hamilton**
   - **County of**: Ravalli
   - **State of**: Montana
   - Have appropriated groundwater according to the Montana laws in effect prior to January 1, 1960, as follows:

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

   *SW:4 Sec.30, T.6 R.26 C.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **March 1959** to **since**

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **40 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:
   - The City, Bell Park & surrounding area

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **March 1959**

8. The depth of water table: **14 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: **18 in. casing 32 ft. deep**

10. The estimated amount of groundwater withdrawn each year: **2,000,000 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:

   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 Approving.
I certify that I received and filed this instrument on this 31st
Day of Nov., 1963, at 4:13
O'clock M.

J. H. Moore
COUNTY RECORDER

Shirley Keith
DEPUTY