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<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
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<td></td>
<td>H</td>
<td>418922</td>
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</tr>
</tbody>
</table>
DECLARATION OF VESTED GROUNDWATER RIGHTS

Under Chapter 237, Montana Session Laws, 1961

1. Erick Hanson, of Box 961, Glasgow, 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: livestock water

3. Date or approximate date of earliest beneficial use and how continuous the use has been: 1921 - continuous use since that year.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1.04 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:
spring fed water hole

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 The estimated amount of groundwater withdrawn each year: 547,500 gallons

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

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

Signature of Owner: Erick Hanson
Date: December 17, 1963.
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. PETER K. FURMAN
   (Name of Appropriator)
   of
   (Address)
   Town

   County of Valley
   State of Montana

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

   1. Stock spring
   2. Stock spring
   3. Stock spring

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      1. 1936
      2. 1936
      3. 1936

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)
      1. 20 gallons per minute
      2. 20 gallons per minute
      3. 20 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 (if cropland water 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: PETER K. FURMAN
   Date: December 24, 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.
438772 18228

DEC 27, 1962

S:20

MARY LOUIE, Clerk & Recorder
Valley County
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriate: John O. Rice and Elma Rice
   Husband & Wife
   Address: 1234 Main St., Glasgow, Montana
   (Address) (Town)

   County of Valley
   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: Farming

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1927

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 300

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:

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1927

8. The depth of water table: 10'

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 of well: 30'

10. The estimated amount of groundwater withdrawn each year: 4860

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

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

   Signature of Owner:

   Date: Dec. 30, 1963

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

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

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

ETCHART LAND COMPANY

1. Name of Appropriator

Tampico

Address

Town

County of Valley

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...

1952 - continuous

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

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

Open spring

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

1952

8. The depth of water table...

This is a spring

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...

This is a dug-out spring which was opened up with a cat and dozer

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

1,000,000 gallons

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

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

ETCHART LAND COMPANY

By: Signature of Owner

Date: December 19, 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. **ETCHART LAND COMPANY**
   - **of**: Tampico
   - **(Name of Appropriator)**
   - **(Address)**
   - **(Town)**
   - **County of**: Valley
   - **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: **This is a free flowing spring for stock water.**
   - **3.** Date or approximate date of earliest beneficial use: **1930.**
   - **4.** Continuous the use has been: **Continuous.**
   - **5.** The amount of groundwater claimed (in miner's inches or gallons per minute): **15 gallons per minute.**
   - **6.** If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: **Underground collector system piped to a stock tank.**
   - **7.** The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **1939.**
   - **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: **Perforated culvert used as underground collector -- then piped to surface stock tank.**
   - **10.** The estimated amount of groundwater withdrawn each year: **660,000 gallons per 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: ________________

   **ETCHART LAND COMPANY**
   - **By**: Signature of Owner
   - **President**
   - **Date**: December 19, 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.
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<td>Howland, Mabel Co.</td>
<td>H</td>
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</tr>
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</table>
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: John Larson
Address: Nashua

Driller: Carl Palm
Address: 5200

Date of Notice of Appropriation of Groundwater: 10/11/1963
Date Well Started: 10/11/1963
Date Completed: 10/14/1963

Type of Well: Drilled
Equipment Used: Churn
(Drill, driven, bored or drilled)

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 of Perforations

<table>
<thead>
<tr>
<th>Strata</th>
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<th>To (ft)</th>
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<td>115</td>
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<td>6*6</td>
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</tbody>
</table>

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

Shut-in Pressure for Flowing Well: 

Pumping Water Level: 10.5 feet at 5 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: Pumping Length of Test: 5 hr.

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)

General Packed between Wall & Casing from 45 ft. To Bottom

No. 25
Driller’s License Number: Carl A. Palm
Driller’s Signature: Carl A. Palm

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

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

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

OCT 16 1963

Mary Jane Bird
Notary Public

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

Jalmer Larson and
Rose Larson

1. (Name of Appropriator) of (Address) of Nashua (Town)

County of Valley

2. The beneficial use on which the claim is based: irrigation of garden & trees and domestic use.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1926

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:

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: 35 feet from surface

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: 500,000 gallons

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

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

Signature of Owner

Date December 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

I, Mabel C. Hoyland, of Glasgow, Montana, have appropriated ground-water according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: June or July 1952

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: Sand Creek Canal

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: Approx. June or July 1952

8. The depth of water table: Approx. 15'

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: 5 1/2 feet deep

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

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

Signature of Owner: Mabel C. Hoyland
Date: August 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.
<table>
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</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. (Name of Appropria)  (Address)  (Town)
   County of  State of
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, 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: 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...

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: 16 in. bored wells.

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

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

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; Triplet to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriaor.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Jake Peterson
(Name of Appropriate)

of
(Address)

Valle
(Town)

County of

State of

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1902, as follows:

2. The beneficial use on which the claim is based

3. Date or approximate date of earliest beneficial use; and how continues the use has been since 1918, c.v.

4. The amount of groundwater claimed (in mine’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 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: Jake Peterson

Date: 12/20/1962

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.
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</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

File No. DUPLICATE

STATE ENGINEER

1. Robert M. Roche, of, Cashma
   (Name of Appropriator) (Address) (Town)
   County of
   State of
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1902, as follows:

<table>
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<th>W</th>
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<tbody>
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</table>

   NW 1/4 Sec. 4 T32 R44
   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.
   house and water livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been until time
   1923, forever thereafter

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
   pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   June 1923

8. The depth of water table 90 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
   115 ft deep, water still running

10. The estimated amount of groundwater withdrawn each year 300,000 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: Robert M. Roche
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.

30-30
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Kali L. College of Montana
   (Name of Approporator) (Address) (Town)
   County of Valley State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962 as follows:

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

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

   Date of sec. 9. 7/32/40

2. The beneficial use on which the claim is based. [in farm use, and watering livestock.]

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. November 1935. Every day since then.

4. The amount of groundwater claimed (in miner’s inches or gallons per minute). 25 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. Electric pump—Nechako well, No. 1, Section 8, Township 32, Range 49.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. November 1935.

8. The depth of water table. 100 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. 4½-inch drilled steel casing, 150 feet deep.

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

11. The log of formations encountered in the drilling of each well if available. Fosses, water stuck in gravel.

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

Signature of Owner: [Signature]

Date: 12-11-63

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 Approporator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. THELMA LERSBAK
   (Name of Appropriator)

   of BOX 521
   (Address)

   GLASGOW
   (Town)

   VALLEY
   (County)

   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
   for the home. Mostly.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   April 1949. Every year since.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   April 1949.

8. The depth of water table
   32 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
   Well is 205 feet deep.

10. The estimated amount of groundwater withdrawn each year
    3,000 gallons.

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
THELMA LERSBAK

Date
Dec 30/43

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.
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<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>Reynolds, Joseph T.</td>
<td>GW</td>
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<td>Fredericksen, H. M.</td>
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<td>138157</td>
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<td>Mango, Bernard</td>
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<td>23</td>
<td>Bernard, Lloyd</td>
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<td>Sammer, Ethel</td>
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<td>Martin, Henry</td>
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<td>&quot; &quot; John</td>
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<td>27</td>
<td>Bernard, Sammer</td>
<td></td>
<td>145203</td>
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</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Joseph T. Reynolds
of Box 525, Saco

County of Valley
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:
   
   (a) Household system

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   (1) Every month of every year
   (2) Jun 1949-Daily

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   (1) 5 - Five gallons per minute
   (2) 0 - 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:
   (1) Irrigating farm garden only
   (2) 

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   (1) Suction pump
   (2) Jet pump-electric motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   (1) June 1949, except summer of 1910
   (2) June-August 1949

8. The depth of water table:
   (1) 66 feet
   (2) 60 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:
   (1) Cast Iron Casing 86 ft
   (2) Drilled well 6 in. steel-copper casing 86 feet

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

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

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

Signature of Owner: Joseph T. Reynolds
Date: Dec. 26, 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. **(Name of Appropiator)***

2. The beneficial use on which the claim is based...
   - Residence and plant sanitary use at SACO Compressor Plant.

3. Date or approximate date of earliest beneficial use; and how continuous...
   - August 1946, continuous to present

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
   - 12 gals/min.

5. If used for irrigation, give the average and description of the land...
   - N/A

6. The means of withdrawing such water from the ground...
   - Jet Pump

7. The date of commencement and completion of the construction of the well...
   - August 1946

8. The depth of water table.
   - 60 feet approximately

9. So far as it may be available, the type, size and depth of each well...
   - TD is 123' feet; cased to bottom with 5-3/16" casing.

10. The estimated amount of groundwater withdrawn each year.
    - 150,000 gals.

11. The log of formations encountered in the drilling of each well if available.
    - 0-66' brown sand; 80-104' blue clay; 106-107' soft sand, clay; 107-107½' clay streaks; 107½-11½' quick sand; 114-115' blue clay; 115-117½' quick sand and water; 117-133½' sand.

12. Such other information of a similar nature as may be useful...
    - N/A

**Signature of Owner:**

**Date:** March 30, 1962

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

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

**Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropirator.**
STATE OF MONTANA,

County of Valley,

Filed for record

APR 16 1862

E. A. Biglow, Sheriff A. M.

Mary Jane Bond

County Recorder

By Pauline Jacobsen, Deputy
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

Bernard J. Menge

County of: Valley

1. Name of Appropnator

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

3. Date or approximate date of earliest beneficial use: May 25, 1942

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: May 25, 1942

8. The depth of water table: 10 ft.

9. So far as it may be available, the type, size and depth of well or the general specifications of any other works for the withdrawal of groundwater: Drilling 5 1/2" to 6 1/2" gushy flow 

10. The estimated amount of groundwater withdrawn each year: 165,000 gal.

11. The log of formations encountered in the drilling of each well if available: 40-63+ Brown Sandy Clay - 63-6,525 sand

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

Signature of Owner: Bernard J. Menge

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 Appropnator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(Name of Appropriator) (Address) — (Town)

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

1. __________

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

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

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

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

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

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

8. The depth of water table:

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

10. The estimated amount of groundwater withdrawn each year:

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

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

Signature of Owner:

Date: __________

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
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 (Address) (Town)
County of _______ State of __________ have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

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

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

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

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

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

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

8. The depth of water table:

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

10. The estimated amount of groundwater withdrawn each year:

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

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

Signature of Owner: __________________________
Date: ____________________

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

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

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

DEVELOPED AFTER JANUARY 1, 1962

(One chapter 237 Montana Session Laws, 1961, as amended)

Owner: Henry Maxwel, Address: 3300

Driller: Carl Pahr, Address: 

Date of Notice of appropriation of groundwater: 

Date well started: 9/30/69, Date completed: 10/1/69

Type of well: Drilled, Equipment used: Chain drill (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. Indicate 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 (in.)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/11</td>
<td>4 x 7D</td>
<td>Top 61</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>6 x 10</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 

Shut-in Pressure for flowing well: 

Pumping Water Level: 

at 

gal. per minute.

Discharge in gal. per min. of flowing well: 

How Tested: Drilling

Length of Test: 1 1/2 hr

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

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number: 

Driller's Signature: 

[Signature]

[Date]
### WATER WELL LOG

**Owner:** Jennie E. Brooke  
**Address:** Glac. Mot.

**Driller:** Unknown  
**Address:**

**Date Started:**  
**Date Completed:** Before 1940

**Location:** Sec. 14  
**T. 31 N.**  
**R. 34 W.**  
**5th SE**

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

**Water use:**  
| Domestic | X |
| Municipal | | |
| Stock | X |
| Industrial | | |
| Drainage | | |
| Other | |

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 72 ft.</th>
<th>Type: 2 pipe</th>
<th>Size: 6</th>
</tr>
</thead>
<tbody>
<tr>
<td>Casing:</td>
<td>ft. to ft.</td>
<td>Type:</td>
<td>Size:</td>
</tr>
<tr>
<td>Casing:</td>
<td>ft. to ft.</td>
<td>Type:</td>
<td>Size:</td>
</tr>
</tbody>
</table>

**Perforated or Screened:**  
<table>
<thead>
<tr>
<th>Ft. to Ft.</th>
<th>Ft. to Ft.</th>
</tr>
</thead>
</table>

**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)

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td><strong>no log description</strong></td>
</tr>
</tbody>
</table>

**Log of Well**
Owner: Jennifer Brockie
Address: 1234 Main St., Butte, Montana

Driller: John Brockie
Address: 4567 Pine Ave., Butte, Montana

Date Started: 12/31/19
Date Completed: 11/12/61

Location: Sec. 24 T. 31 R. 34 § sec. NW1/4, SE1/4

**Type of well:** Water Well
**Equipment used:** Churn and Driller

**Water use:** Stock

**Casing:** 0 ft. to 9 ft. Type Pipe Size 1 1/2
**Casing:** 9 ft. to 13 ft. Type Pipe Size

**Perforated or screened:** 9 ft. to 13 ft. 1 1/2 to 1 3/4 ft.

**Type of screen or perforations:** Sand and Grout

**Static water level, for non-flowing well:** 7 feet.

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

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

**How tested:** Not tested

**Length of test:**

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

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 2</td>
<td>Sandy soil</td>
</tr>
<tr>
<td>2 - 7</td>
<td>Light sand</td>
</tr>
<tr>
<td>4 - 7</td>
<td>Clay sand</td>
</tr>
<tr>
<td>7 - 13</td>
<td>Driven</td>
</tr>
</tbody>
</table>
Form No. 16

Water Well Log

Butte, Montana

<table>
<thead>
<tr>
<th>Location: Sec. 24 T. 41 R. 34</th>
<th>T. 31 R. 34 E</th>
</tr>
</thead>
<tbody>
<tr>
<td>County: Valley</td>
<td></td>
</tr>
<tr>
<td>State Engineer</td>
<td></td>
</tr>
<tr>
<td>Owner: John Brooke</td>
<td>Address: Twin</td>
</tr>
<tr>
<td>Driller: John H. Brooks</td>
<td>Address:</td>
</tr>
<tr>
<td>Date Started: 1943</td>
<td>Date Completed: 1943</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well: Freshwater</th>
<th>Equipment used: Freshwater</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Aug, driven, or drilled)</td>
<td>(Churn, drill, rotary, other)</td>
</tr>
<tr>
<td>Water use:</td>
<td>Domestic</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>Industrial</td>
<td>Drainage</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 20 ft.</th>
<th>Type</th>
<th>Size</th>
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</thead>
<tbody>
<tr>
<td>Casing:</td>
<td>20 ft. to 30 ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
<tr>
<td>Casing:</td>
<td>30 ft. to 40 ft.</td>
<td>Type</td>
<td>Size</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Perforated or screened:</th>
<th>Ft. 10 to Ft. 20</th>
<th>Ft. 20 to Ft. 30</th>
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</table>

<table>
<thead>
<tr>
<th>Type of screen or perforations: Sand point</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Static water level, for non-flowing well:</th>
<th>feet</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shut-in pressure, for flowing well:</td>
<td>18</td>
</tr>
<tr>
<td>(date)</td>
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</table>

<table>
<thead>
<tr>
<th>Pumping water level:</th>
<th>feet at</th>
<th>gal. per min.</th>
</tr>
</thead>
<tbody>
<tr>
<td>Now tested:</td>
<td>not tested</td>
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</tbody>
</table>

| Length of test: | |
|-----------------| |

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

(over)
<table>
<thead>
<tr>
<th>Depth</th>
<th>Feet</th>
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<tbody>
<tr>
<td>200</td>
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<td>300</td>
<td></td>
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<tr>
<td>400</td>
<td></td>
</tr>
<tr>
<td>500</td>
<td></td>
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</tbody>
</table>

Log of Well

Description of Material Drilled
# Log of Well

<table>
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<tr>
<th>Depth</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
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</table>

Note: The table contains handwritten entries that are not legible.
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>John Leeopfer</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Leeopfer, Mont.</td>
</tr>
<tr>
<td>Driller</td>
<td>John Leeopfer</td>
</tr>
<tr>
<td>Address</td>
<td>Leeopfer, Mont.</td>
</tr>
<tr>
<td>Date Started</td>
<td>Dec. 28, 1961</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Dec. 28, 1961</td>
</tr>
<tr>
<td>Location: Sec. 24, T. 31 N., R. 34 E., 5 1/2 sec., 5E-1</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment used</td>
<td>Churn drill, driven</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>Industrial</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drainage</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment used</td>
<td>Churn drill, driven</td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>Perforated or Screened: Ft.</th>
<th>to Ft.</th>
</tr>
</thead>
</table>

| Type of screen or perforations | Sand, Grout |

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

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

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

| How tested | Not tested |

| Length of test | |

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.4</td>
<td>Sandy soil</td>
</tr>
<tr>
<td>4.7</td>
<td>Light sand</td>
</tr>
<tr>
<td>7.14</td>
<td>Coral sand</td>
</tr>
<tr>
<td>14.24</td>
<td>Driven</td>
</tr>
</tbody>
</table>
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Category</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Driller</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Date Completed</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Location:</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Casing:</th>
<th>Casing:</th>
<th>Casing:</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Cased, driven, bored, or drilled)</td>
<td>ft. to ft.</td>
<td>ft. to ft.</td>
<td>ft. to ft.</td>
</tr>
<tr>
<td>Equipment used</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>(Chimney drill, rotary, others)</td>
<td></td>
<td></td>
<td></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>Type</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

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

<table>
<thead>
<tr>
<th>Type of screen or perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

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

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

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

<table>
<thead>
<tr>
<th>How tested:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length of test:</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
</tr>
</tbody>
</table>

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

(over)
**MONTANA BUREAU OF MINES AND GEOLOGY**

**WATER WELL LOG**

**STATE ENGINEER**

<table>
<thead>
<tr>
<th>Field</th>
<th>Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Driller</td>
<td></td>
</tr>
<tr>
<td>Address</td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td></td>
</tr>
<tr>
<td>Date Completed</td>
<td></td>
</tr>
<tr>
<td>Location: Sec 27 T 31 R 34 34 sec 34</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type of Well</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Water use: Domestic</td>
<td></td>
</tr>
<tr>
<td>Industrial</td>
<td></td>
</tr>
<tr>
<td>Municipal</td>
<td></td>
</tr>
<tr>
<td>Stock</td>
<td></td>
</tr>
<tr>
<td>Irrigation</td>
<td></td>
</tr>
</tbody>
</table>

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

| Perforated or Screened: Ft. to Ft. 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 gal. per min |
| How tested:                               |              |
| Length of test                            |              |

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 1</td>
<td>Top soil</td>
</tr>
<tr>
<td>3 - 27</td>
<td>Yellow Clay</td>
</tr>
<tr>
<td>38 - 40</td>
<td>Soft Sandy Clay</td>
</tr>
<tr>
<td>45 - 53</td>
<td>Sand</td>
</tr>
<tr>
<td>62 - 67</td>
<td>Sand with intermixed stones</td>
</tr>
<tr>
<td>67 - 70</td>
<td>Gravel</td>
</tr>
<tr>
<td>Sec.</td>
<td>Name of Appropriator</td>
</tr>
<tr>
<td>------</td>
<td>---------------------------</td>
</tr>
<tr>
<td>2</td>
<td>Loomis, J.D. Sherman</td>
</tr>
<tr>
<td>4</td>
<td>Reynolds, Wm. Maurice</td>
</tr>
<tr>
<td>6</td>
<td>Albus, Bennie R.</td>
</tr>
<tr>
<td>9</td>
<td>Reynolds, Wm. Maurice</td>
</tr>
<tr>
<td>10</td>
<td>Loomis Bros.</td>
</tr>
<tr>
<td>11</td>
<td>Loomis, Thomas A.</td>
</tr>
<tr>
<td>13</td>
<td>Masterson, John W.</td>
</tr>
<tr>
<td>13</td>
<td>Olson, Erick A.</td>
</tr>
<tr>
<td>18</td>
<td>Swenson, Magnus</td>
</tr>
<tr>
<td>14</td>
<td>Payne, Andrew</td>
</tr>
<tr>
<td>14</td>
<td>Vandenhoof, E.H.</td>
</tr>
<tr>
<td>15</td>
<td>Moll, Earl</td>
</tr>
<tr>
<td>17</td>
<td>Melvin, Raymond C.</td>
</tr>
<tr>
<td>21</td>
<td>&quot;</td>
</tr>
<tr>
<td>21</td>
<td>&quot;</td>
</tr>
<tr>
<td>22</td>
<td>&quot;</td>
</tr>
<tr>
<td>24</td>
<td>Masterson, John W.</td>
</tr>
<tr>
<td>24</td>
<td>&quot;</td>
</tr>
<tr>
<td>24</td>
<td>Staley, Arthur C.</td>
</tr>
<tr>
<td>24</td>
<td>Vandenhoof, E.H.</td>
</tr>
<tr>
<td>26</td>
<td>Bauch, E.H.</td>
</tr>
<tr>
<td>26</td>
<td>&quot;</td>
</tr>
<tr>
<td>27</td>
<td>Haney, George</td>
</tr>
<tr>
<td>27</td>
<td>Johnson, Du Wayne</td>
</tr>
<tr>
<td>28</td>
<td>Bauch, E.H.</td>
</tr>
<tr>
<td>29</td>
<td>Arnesty, John</td>
</tr>
<tr>
<td>30</td>
<td>Bartow, Vincent</td>
</tr>
<tr>
<td>33</td>
<td>Lucy, Walter (Driller)</td>
</tr>
<tr>
<td>36</td>
<td>Henz, August J</td>
</tr>
<tr>
<td>41</td>
<td>Payne, Andrew</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

<table>
<thead>
<tr>
<th>Name of Appropiator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>J. L. Lacroix</td>
<td>Townsend</td>
<td></td>
</tr>
</tbody>
</table>

County of Valley
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: boardhaug garden, orchard

2. Date or approximate date of earliest beneficial use and how continuous the use has been: 1924 intermittent

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 20 gal 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: Land L. L. Lacroix, N.E. 1/4 NE. 1/4 R. 31 T. 31

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: comm. 1924, compl. 1924

7. The depth of water table: 28 ft

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: 2 1/2 in. casing 28 ft deep

9. The estimated amount of groundwater withdrawn each year: 17,000,000 gal

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: [Signature]
Date: Dec 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 Appropiator.
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
   (Name of Appropriator)

2. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   (Date of Approximate Date)
   (How Continuous)

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

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.
   (Acreage)
   (Description)
   (Owner's Name)

5. Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.
   (Point of Appropriation)
   (Place of Use)

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

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

8. The depth of water table.
   (Depth)

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)
   (Size)
   (Depth)

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

11. 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.
    (Other Information)

Signature of Appropriator

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.