I received and filed this instrument for record on the 23 day of May, 1927, at 3:59 o'clock, M., permanent time, in Missoula County, State of Montana.

Witness my hand:

MASTIN E. WHITNEY, County Recorder
By: CLARENCE W. HORBICK, Deputy
Tyo: 5-14-27
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Ralph E. and Frances L. Crisp, of Sec 10, T11N, R12W, Missoula,
County of Missoula, 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, Irrigation, etc.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been, Prior to September 1951, Continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute), 1 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, 10 acres; garden, Ralph E. and Frances L. Crisp.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal, Electric drive jet pump.

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

8. The depth of water table, 15 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, 8' casing, 50' 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 The estimated amount of groundwater withdrawn each year, 500,000 gallons.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, 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 known.

Signature of Owner, Ralph E. Crisp,
Date, December 15, 1963.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
I received and filed this instrument for record on the 21st day of Dec., 1947 at 2:15 o'clock P.M., in the name of Missoula County, State of Montana, Witness my hand.

MARTIN M. BENNETT, County Recorder
By: [Signature]

Fees $1.00. Paid
Declaration of Vested Groundwater Rights

嚅Approved by State Engineer—JAN 3, 1963

STAE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

James D. Daniel

(Name of Appropriator)

2514

(Address)

County of

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: livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Oct. 1957, sec. 16 T41 N83 W14

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

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: 10 acres, sec. 16 T41 N83 W14

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: October 1957

8. The depth of water table: about 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: deep well, type pump

10. The estimated amount of groundwater withdrawn each year: 124,000 gallons

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

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: present ownership

Signature of Owner: James D. Daniel

Date: Dec 30, 1962

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

<table>
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<tr>
<th>County of</th>
<th>State of</th>
<th>Montana</th>
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<td>Missoula</td>
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</table>

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

1. **Name of Appropriator:** [Name]
   - **Address:** [Address]
   - **Town:** [Town]

2. **The beneficial use on which the claim is based:** Domestic use and irrigation of land

3. **Date or approximate date of earliest beneficial use:** January 1, 1962

4. **The amount of groundwater claimed:**
   - **In excess of 70 gallons per minute:** [Specification]

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

6. **The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:**
   - **Location:** [Location]

7. **The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:** January 1, 1962

8. **The depth of water table:** 15 feet 10 inches

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:** [Type]
   - **Size:** [Size]
   - **Depth:** [Depth]

10. **The estimated amount of groundwater withdrawn each year:** 808,400 gallons

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:**

---

**Signature of Owner:** [Signature]

**Date:** [Date]

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
ADDENDUM

Form: ☒ Declaration of Vested Groundwater Rights
☐ Notice of Completion of Groundwater Appropriation by Means of Well

Name of owner: Seth & Alma Downing

Corrected land description: SE1SW1SE
Sec. 19 T13N R19W

Initials: CS
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Seth R. Downing and Alma R. Downing, of 2712 S. 7th W., Missoula
   (Name of Appropriator) (Address) (Town)

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

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SW 1/4 SE 1/4 Sec. 17 T15N R12W
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 use and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Spring of 1940 - continual.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 25 inches 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: Irrigate flowers and lawn.

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

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

8. The depth of water table: not available - unknown.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 4-inch steel casing approximately 60 feet.

10. The estimated amount of groundwater withdrawn each year: 100,000 gallons approximately.

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

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: [Handwritten notes]

Signature of Owner: [Handwritten signature]
Date: Apr 14, 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 received and filed this instrument filed
recorded on the 26 day of August 19--2, at
12:30 o'clock P.M., purporting to be
of Missoula County, State of Montana
Witness my hand:
MAITIN S. KINNEY, County Recorder
By: R. A. Raghmar, Deputy
For E. M. E. Print
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Richard A. Clara Dunton
305 S. Groves
Missoula

County of Missoula, 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: Domestic use - Irrigation of Land

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1957

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

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:
   Richard A. Clara Dunton

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Well 12 feet 10 inches above sea level

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1957

8. The depth of water table: 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:

10. The estimated amount of groundwater withdrawn each year: 308,400 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:
   Missoula County Book 1 - Page 205
   Line 11
   Richard A. Dunton
   Signature of Owner: Clara Dunton
   Date: Nov 4, 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 Appropiater.
COPY

I received and filed this instrument by
recited on the 11th day of Oct., 1901,
at 7:10 P.M., which E. H., permanent Titin
of Winnebago County, State of Wisconsin
Witness my hand.

MARTIN E. REYNOLDS
Register

Feb. 14. 1902

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

Richard A. Clark & Son

County of Missouri, 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 and irrigation land.

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

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.

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: Fannie Etheridge  Address: 2700 South 3rd
Driller: Glenn Camp  Address: Missoula

Date Notice of Appropriation of Groundwater: 
Date well started: 11/9/62  Date Completed: 11/16/62

Type of well: Drilled  Equipment Used: Churn drill
(Dug, driven, bored or other)

Water Use: Domestic  Municipal  Other  Irrigation  Industrial  Drainage  Stock

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

Static Water Level for non-flowing Well
Shut-in Pressure for Flowing Well
Pumping Water Level
Discharge in gal. per min. of flowing well
How Tested: Air Comp.  Length of Test: 2 hours
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

License #7
Driller’s License Number  Glenn Camp
Driller’s Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
I received and filed this instrument for record on the 30th day of Dec., 1957 at 2:50 o'clock, P.M., permanent file, of Missoula County, State of Montana.
Witness my hand:
MARTIN S. BECHTLE, County Recorder
By: GLENN D. HELM, Deputy

Fee $ 5.00
Paid
ADDENDUM

Form: ☑ Declaration of Vested Groundwater Rights
☐ Notice of Completion of Groundwater Appropriation by Means of Well

Name of owner: Donald A. Fawcett

Corrected land description: 

Sec. 19

Initials: CS
DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. DONALD A. FAVRETT
   (Name of Appropriator) 2010 S. MAIN STREET
   (Address) MISSOULA
   County of MISSOULA  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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been  Appr 30 years continuous

   4. The amount of groundwater claimed (in miner's inches or gallons per minute)  15 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  Not applicable

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

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

   8. The depth of water table  Unknown

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  Unknown 40 ft deep (100 ft unknown)

   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  Unknown

   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  Unknown

   Signature of Owner  
   Date  12/27/62

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 received and filed this agreement to
record on July 24, 1957
in the offices of the Clerk of the
District Court, State of Montana

MAGGIE SMITH, CLERK

By: MARVIN SMITH, Deputy

Fee $ ___________ Paid
Declaration of Vested Groundwater Rights

Under Chapter 237, Montana Session Laws, 1961

1. POLSON, Lewis L., Jr., or Joyce L., of Rt. 1, 2620 5th St. W., Missoula
   (Name of Appropriator) (Address) (Town)

   County of Missoula 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 and minor irrigation

3. Date or approximate date of earliest beneficial use; and how continuously the use has been used continuously since then, 1948

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 900 gallons per hour

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, approx. 1 acre of lawn and garden, owned by us - Lewis L., Jr., and Joyce L., POLSON, considered purely domestic use.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. By electrically powered shallow well pump from well located adjacent to basement of house.

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

8. The depth of water table 25 to 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. Shallow well 6", 60 feet deep.

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

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

   Water occurs at from 17 to 25 feet, at around 60 feet, and at 85 feet, in this area.

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, 21 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.

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, 1981)

STATE ENGINEER

1. Louisa Lagemann Sr. of 403 Reserve Street, Missoula
   (Name of Appropriator)
   (Address)
   (Town)
   County of Missoula, 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: Home
   water supply and irrigation.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 28 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 residential property, Louisa Lagemann Sr.

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

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

8. The depth of water table: 40 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:
   one 6-inch well, metal casing, drilled 65 feet in depth.

10. The estimated amount of groundwater withdrawn each year: 150,000 gallons.

11. The log of formations encountered in the drilling of each well if available: none 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: this well was drilled to second water table, there is a complete dry area between the two tables.

Signature of Owner: Louisa Lagemann Sr.

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)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Pile No 1-JUJL-SLUL
DUPLICATE

COUNTY MONTANA

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(under Chapter 237, Montana Session Laws, 1961)

1. Louis A. Barbara Gagermeier of 705 Janis Drive Missoula
   (Name of Appropriator)
   (Address)
   (Town)
   County of Missoula State of Montana
   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: Home water supply and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: August 1, 1955

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 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 the well or other means of withdrawal:

   one well

   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: August 1, 1955

8. The depth of water table: 40 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 1/2 in. Well, Metal Cased Drilled 40 feet in depth

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

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

   This well was drilled to second water table, there is a complete dry area between the two tables.

   Signature of Owner: Barbara Gagermeier
   Date: Dec 23, 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.

15208
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] (Address)
   County of Missoula, 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: continuous for over 30 years.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 300 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: [Addition to Missoula County. Five acres. Stumptown Home.]

   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: unknown.

   8. The depth of water table: 12 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: 4 foot pump; well 30 ft deep.

   10. The estimated amount of groundwater withdrawn each year: 54,000,000.

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

   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: 12-31-63

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriate.
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<th>Description</th>
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Clipper

State of Montana

Witness my hand:

MARTIN E. BLEUCKER, County Recorder

By: MARTIN E. BLEUCKER, Deputy

Feb 2, 1915
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Garden City Irrigation Co., of St. 1 Missoula
   (Name of Appropriator) (Address) (Town)
   County of Missoula State of Montana

   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: domestic and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: continuous over 30 yrs. old.

4. The amount of groundwater claimed (in miner's latches or gallons per minute): 100 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: Missoula County.

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: unknown.

8. The depth of water table: 12 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: 4' lumen 30' ft. deep.

10. The estimated amount of groundwater withdrawn each year: 360,000 gal.

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

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: unknown.

Signature of Owner: Garden City Irrigation Co.

Date: 12-31-67

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 received and filed this instrument for record on the 31st day of APR. 19** at 3:05 clock P.M., permanent filed at Missoula County, State of Montana.

Witners my hand.

GARIN S. SCOTT, County Recorder

By: MARTIN J. BAHNED, Deputy

Feb 2, 19**

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

1. Ralph L. Gieseke, of 104 Reserve Missoula, 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 and irrigation

3. Date of earliest beneficial use: 1921

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied: 5 acres, farm, orchard

6. 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: Don't Know

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: Dug well, 10" in diameter, 12' deep

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

11. The log of formations encountered in the drilling of each well if available: Don't Know

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: Don't Know

Signature of Owner: Ralph L. Gieseke
Date: Dec. 31, 1963

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

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

Original to the County Clerk and Recorder! Duplicate to the State Engineer; Triplicate to the 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. ___________________________, of ____________________________, Montana,
   (Name of Appropriator) (Address) — (Town)
   County of ____________________________, State of Montana,
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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

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 powered centrifugal 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 ____________________________
   1 inch driven point — lined with 12 inch clay tile about 50 ft deep.

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

11. The log of formations encountered in the drilling of each well if available: ____________________________
    Black soil, clay, sand and 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: ____________________________

Date: December 30, 1962

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

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

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

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1960)

Tod and Ruth Gustafson
of 2630 So., 3rd V., Missoula
County of Missoula, State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

2. Date or approximate date of earliest beneficial use; and how continuous the use has been ________________ ________________ and water has been used continuously for the purposes above named.

3. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gallons per minute.

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

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. A well located on the north side of the property, water withdrawn by means of an electric pump.

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

7. The depth of water table ________________ feet below surface. Extending to a depth of ________________ feet.

8. The estimated amount of groundwater withdrawn each year ________________ million 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. ________________

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.
STATE WATER CONSERVATION BOARD  

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  

Notice of Completion of Groundwater Appropriation by Means of Well  
DEVELOPED AFTER JANUARY 1, 1963  
(Under Chapter 237, Montana Session Laws, 1961)  

Vinton L. Cathrie  
Owner:  

Address:  

Driller:  

Glen Camp  
Address:  

Date of Notice of completion of groundwater appropriation  
Date well started: 1/2/59  
Date completed: 1/16/59  

Type of well: Drilled  
Equipment used:  

(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>Depth of Drilled Hole</th>
<th>5'</th>
<th>10'</th>
<th>3' below G.L.</th>
<th>14 1/2 to 35'</th>
<th>44 1/2'</th>
<th>None</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size of Drilled Hole</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Static Water Level for non-flowing well</td>
<td>12'</td>
<td>feet</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Shut-in Pressure for Flowing Well</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Pumping Water Level</td>
<td>18</td>
<td>feet</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>at 50</td>
<td>gal. per minute.</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Discharge in gal. per min. of flowing well</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>How Tested</td>
<td>Compressor</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Length of Test</td>
<td>1 hour</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Remarks:</td>
<td>(Gravel packing, cementing, packers, type of shut-off)</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

(Circle on reverse side)  

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

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.  

Driller's License Number:  

Driller's Signature:  

39534
I received and filed this instrument for record on the 16th day of Feb., 1965,
at 2:15 P.M., which is my permanent place of business at Warrens County, State of Kansas.
Witness my hand.
J. Vergano, C. C. Corp., Record Keeper
By:    O. M. Marsh, Deputy
Fee $... R. R. B. Folded Copy.
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Test</td>
<td>765 acres</td>
<td>Allen Camp</td>
<td>Missoula</td>
</tr>
</tbody>
</table>

Date Started: 1949-12-29  
Date Completed: 1949-12-30

Location: Section 59, T. 12 N., R. 19 W., 1/4 sec.

Type of well: 
Equipment used: 

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

Casing:  
- 4' 6" below to 56' 3" feet  
- Type: H  
- Size: 2 1/2"

Perforated or Screened:  
- Ft to Ft  
- Ft to Ft  

Type of screen or perforations:  

Static Water level, for non-flowing well: 10' above ground level  
Shut-in pressure, for flowing well: lb./sq. in. on: (date)

Pumping water level: 20 feet at 60 gal. per min.

How tested: [ ] Compressor

Length of test: 1 hour

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</td>
<td>Pit</td>
</tr>
<tr>
<td>5'</td>
<td>15' gravel, sand, silt, and clay</td>
</tr>
<tr>
<td>15'</td>
<td>43' clay and sandstone</td>
</tr>
<tr>
<td>43'</td>
<td>56' sand and loessing gravel</td>
</tr>
<tr>
<td>56'</td>
<td>101'4' good gravel, little sand, water</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)  

1. R.B. Hart and Anna Hart  
(Name of Appropriator)  
of Lennox Hotel  
(Missoula)  
(County of State of Montana)  

County of Missoula  

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1982, as follows:

2. The beneficial use on which the claim is based: Domestic, Irrigation, and stock water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Prior to 1920, exact date unknown-to-claimant.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 20 gallons (3 wells).

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: SE1SE1, Section 19, Township 13 North, Range 19 West. Approximately 8 acres.

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: Date of construction unknown-to-claimant. Wells in continuous use for a period of over 30 years.

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 wells, 6" casings, Electric pump as above set forth.

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

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: There are 3 wells. One serves 2 houses in the above location and is further described as Plat "E" and Plat "E-1". One well is in Plat 9 serving 1 house, and one well in the basement of a store, Plat "E-2", which also serves a house in the rear of the store. In addition to the domestic use, the water is used for irrigation of lawns.

Signature of Owner:  
R.B. Hart  
Anna Hart  
Signed December 30, 1963

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

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

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

- **Owner:** M. W. Murphy  
  **Address:** Missoula

- **Driller:** J. L. Farley  
  **Address:** Helena, Mont

- **Date Started:** Aug 2, 1958  
  **Date Completed:** Aug 6, 1958

- **Location:** Sec. 19, T. 13 N., R. 19 W. 1/4 sec. NW 1/4

---

<table>
<thead>
<tr>
<th>Type of well</th>
<th>5'</th>
</tr>
</thead>
<tbody>
<tr>
<td>Equipment used</td>
<td>X</td>
</tr>
</tbody>
</table>

- **Water use:** Domestic  
  Municipal  
  Stock  
  Irrigation

- **Casing:** 6 ft. to 20 ft.  
  **Type:** Black  
  **Size:** 5"

- **Casing:** 20 ft. to 30 ft.  
  **Type:**  
  **Size:**

- **Casing:** 30 ft. to 40 ft.  
  **Type:**  
  **Size:**

- **Perforated or Screened:**  
  **Type:**  
  **Size:**

- **Static Water level, for non-flowing well:** 10 feet

- **Shut-in pressure, for flowing well:**  
  Aug 5, 1958 (date)

- **Pumping water level:** 6 feet at 200 gal. per min

- **How tested:** Comparator

- **Length of test:** 30 min

---

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

---

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>6</td>
<td></td>
<td>first</td>
</tr>
<tr>
<td>6</td>
<td>14</td>
<td></td>
<td>gravel sand</td>
</tr>
<tr>
<td>14</td>
<td>60</td>
<td></td>
<td>heavy gravel</td>
</tr>
<tr>
<td>60</td>
<td></td>
<td></td>
<td>heavy gravel water</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 27, Montana Session Laws, 1961)

Matthew W. Hausby, Jr., of 2631 8th Ave. W., Missoula, Missoula County, 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 for domestic and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Daily for domestic use since August 5, 1958 and during 1958 irrigation season and subsequent years.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 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: 5 acres, more or less, in the Bigfork, Sec. 19, T. 13 N., R. 13 W.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Water pumped from well located on property.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well was drilled by John Pavey, Started to drill in July 1958 and completed drilling August 5, 1958.

8. The depth of water table. Approximately 20 feet - surface water.

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 5/8 inch drilled well with a 50' casing from bottom of 61' pit to a depth of 60'.

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

11. The log of formations encountered in the drilling of each well if available. G. to 61' pit, 61' to 1 1/4' gravel, sand, 1 1/4' to 60' sand, gravel, 60' heavy gravel, 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. Well log filed on Book 39, page of Missoula County, Montana.

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 received and file this instrument on the 21 day of May 1943 as No. 278, which is the permanent file of Missoula County, State of Montana.

Witness my hand:

MARTIN E. RAINER, Clerk

By: MARTIN E. RAINER, Clerk

Fee $2.00 ____________ Paid
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Albert Heick
Address: 705 Alder

Driller: Glen Camp
Address: Hesperia, Montana

Date of Notice of Appropriation of Groundwater:

Date well started: 9/17/65  Date Completed: 9/19/65

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

Water Use:
- Domestic
- Municipal
- Other
- Irrigation

Water Use: Domestic
- Industrial
- Drainage
- Stock

"63 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.

---

Static Water Level for non-flowing Well: 15.25 feet
Shut-in Pressure for Flowing Well:

Pumping Water Level: 47 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested:

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)

License No. 8-7
Driller's License Number

Driller's Signature

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

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

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

DEVELOPED AFTER JANUARY 1, 1963

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

Owner: 

Driller: John Farrell

Date of Notice of appropriation of groundwater: 

Date well started: Aug 15, 1968

Date completed: Aug 29, 1968

Type of well: Drilled

Equipment used: Churn Drill

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

Shut-in Pressure for Flowing Well

Pumping Water Level: 45 feet

Discharge in gal. per min. of flowing well

How Tested

Length of Test, 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.

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, three copies to be retained by driller.

Date of Notice of completion of groundwater appropriation by means of well

Diagram of well location and strata encountered

Driller's License Number

Driller's Signature
I received and filed this instrument for record on the 27th day of August, 1940, at 12:15 o'clock, P.M., pursuant to the law of Missoula County, State of Montana. Witness my hand.

Vic Johnson, County Recorder
By: W.C. Bunch, Deputy
Fee $5.00 paid.
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. Mack Garth Happier of 706 Janis Drive, Missoula, County of Missoula, State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

<table>
<thead>
<tr>
<th>N</th>
<th>W</th>
<th>E</th>
<th>S</th>
</tr>
</thead>
</table>

2. The beneficial use on which the claim is based (Name of Appropriator) (Address) (Town)

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: August 1, 1956

4. The amount of groundwater claimed (Number of mining inches or gallons per month): 12 gallons 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: 1/4 acre, residential property

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: August 1, 1956

8. The depth of water table: 40 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: One 6 inch well, metal cased, drilled 55 feet in depth

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

11. The log of formations encountered in the drilling of each well if available: None 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: This well was drilled to second water table, there is a complete dry area between the two tables.

Signature of Owner: Mack Garth Happier
Date: Aug. 23, 1966

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.
214.933

I received and filed this instrument for record on the [redacted] day of [redacted] at [redacted] o'clock A.M., pursuant to the laws of Madison County, State of Montana. Witness my hand.

[Redacted]

By [Redacted]

Deputy

[Redacted]
**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **Yasley and Donna Holwerda**
   
   of 16 Marilyn Drive
   
   Missoula
   
   (Name of Appropriator) (Address) (Town)
   
   County of Missoula 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 and Irrigation
     
     - 3. Date or approximate date of earliest beneficial use; and how continuous the use has been
       
       1960—continuous
       
     - 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 8/4 acre (See question 12)
       
     - 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
       
       Pumps
       
       - 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
       
       - 8. The depth of water table
       
       - 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled to foot deep—2 inches NPS fluid tightness—concrete lined—stainless steel casing
       
       - 10. The estimated amount of groundwater withdrawn each year
       
       - 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 to carry 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 Apprigrator.

1968
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

LAWRENCE A. & KATHRYN B. HOUTCHENS, of R & B, 776, Gary D., Missoula
(Name of Appropriator) (Address) (Town)
County of Missoula 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

RESIDENCE DRINKING & IRRIGATION WATER

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. July 1, 1955, and

CONTINUOUS USE SINCE

4. The amount of groundwater claimed (in miner's inches or gallons per minute). APPROXIMATELY 90 GALLONS PER MINUTE.

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

One Half Acre - Residence, Garden and Lawns
LAURENCE A. & KATHRYN B. HOUTCHENS

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

Two Wells. One located 10 feet from S. tower of garage, One
located 10 feet from S. tower of garage

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

Approximately June 1955

8. The depth of water table 66 feet and 63 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:

Two (2) driven 83 feet deep

10. The estimated amount of groundwater withdrawn each year TWO MILLION GALLONS

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

CLAY & GRAVEL

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

NOT APPLICABLE

Signature of Owner
KATHRYN B. HOUTCHENS
Date December 23, 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.
Copy
I received and filed this instrument for record on the 6-7 day of June, 1907
at 10:55 A.M., at the Recorder's Office,
in the
Mineral County, State of Montana,
Witneses:

W. H. KEATING
Deputy Recorder

By:

W. H. KEATING
Deputy

Fee $1.00

Paid
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

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

1. **Jesse Q. Honey**
   - **Name of Appropriator**
   - **Address**
   - **Town**
   - **County**
   - **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
   - **Irrigation and household use**

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute) 140 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 6/10 acre

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   - **By well located in the NW corner under the existing dwelling**

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced 1 November, 1960; completed 1 November, 1960

   8. The depth of water table 35 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
   - **50' deep - 6' pipe equipped with Fairbanks automatic pump**

   10. The estimated amount of groundwater withdrawn each year unknown

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

   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 N/A

   Signature of Owner

   Date December 23, 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 received and filed this instrument for recording on the 10 day of March, 1928, at 9:30 o'clock A.M., permanent file at Missoula County, State of Montana.

Witness my hand:

MARTIN J. SKIDMORE, County Register

By: C. T. M.

Notary Public

2/14/28
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

**Mark and Margaret J. Jennings**

1. (Name of Approporator)

2. (Address)

3. (Town)

4. (State of)

5. (County of)

6. have appropriated groundwater according to the Montana 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>

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

8. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater, or commencement of mining of the lands on which water has been applied and name of the owner thereof.

9. The depth of water table.

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: **Mark Jennings**

Date: **Dec. 31, 1962**

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

Form:  ☑ Declaration of Vested Groundwater Rights
      ☐ Notice of Completion of Groundwater Appropriation by Means of Well

Name of owner:  Mrs. Matt Kolendich

Corrected land description:  SW1/4 Sec. 19 T18N R8W

Initials:  CS

309 N. Grove
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:

<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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   1950-59

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

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
   Farm

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
   1950-59

8. The depth of water table
   Approx. 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
   6' County: 40°F Deep

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

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

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

Signature of Owner

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.
215.35f
Copy

I received and filed this instrument and have caused it to be recorded on the 1st day of July, 1915, in the office of the Register of Deeds of Missoula County, State of Montana.

Martin B. Steiner, County Recorder

Deed No. 335

[Signature]

[Stamp]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Frank Kolendich, of 311 N. Shaw, Missoula, Montana
County of Missoula, 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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 50 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: 146.8 x 105

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: 1959

8. The depth of water table: Don't know approx 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: 6" casing 45' deep

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

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

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

Signature of Owner: [Signature]
Date: 12-31-62

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. Randal H. Leuchan, of Route #1, Missoula
   (Name of Appropriator) (Address) (Town)

   County of Missoula 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 is irrigation, watering stock, domestic and other purposes.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Since Homestead Entry, continuous to date.

   4. The amount of groundwater claimed (In miner's inches or gallons per minute) 500,000 gallons per year.

   5. If used for irrigation, give the area 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: Well

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

   8. The depth of water table: Unknown

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

   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: Unknown

   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 of Deed, Missoula County Clerk and Recorder, Missoula, Montana.

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

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

STATE ENGINEER

1. Y. C. Lechner
   (Name of Appropriator)
   517 Reservoir St., Missoula
   (Address)
   Missoula, 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 in home and irrigate crops on farm

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1955

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 15 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: 50 acres

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: January 1, 1961

   8. The depth of water table: 21 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: 63 feet, 67.5 feet, 63 feet

   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: 63 feet, 67.5 feet, 72 feet

   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: Montana Groundwater Code

   Signature of Owner: Y. C. Lechner
   Date: June 18, 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. **James G. Lodge**, of 2516 Glennen, Missoula
   - **County of Missoula**
   - **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, household, and irrigation purposes of my 102 ft x 110 ft lot.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: Probably 1954 - used continuously for household use - used by us since September 1954.

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: Used for irrigation of lawn, trees, shrubs, and garden all located on my 102 ft x 110 ft lot.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Water withdrawn by pump. One well as previously located at SW corner of residence.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Definite dates not known. Well probably drilled in 1954.

8. The depth of water table: Depths of all water tables not known - well presently believed to be around 55 - 60 feet in depth.

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: One drilled well, 7 or 8 inch diameter, casing - depth believed to be between 55 and 60 ft.

10. The estimated amount of groundwater withdrawn each year: Estimate probably use 75,000 to 90,000 gallons per year depending upon how much irrigation water used for dry years.

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 known - probably house records have data filled at County offices or at Western Montana Building and Loan Association as house has OT loan thereon. Original loan made to Charles P. and Helen N. Bowsher.

Signature of Owner: [Signature]
Date: 12-31-63

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Description of property of James O. Lodge, St. Clair, Missoula, Missoula County, Montana.

A tract of land situate in Lot Eight (8) of Cobban and Eitters Orchard Home Addition, Missoula County, Montana, and more particularly described as follows:

Beginning at the Northwest Corner of Lot Eight (8), hereby designated as the point of beginning of the tract herein described; thence East along the North Line of said Lot Eight (8) a distance of 122 feet; thence South a distance of 110 feet; thence West a distance of 122 feet to the West Line of said Lot Eight (8); thence North along the West Line of said Lot Eight (8) a distance of 110 feet to the point of beginning.
**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, 1963

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

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

Owner: William Langeree
Address: 308 S. Grove
Missoula, Montana 59801

Date well started: May 31, 1963
Well completed: June 4, 1963

Type of well: Drilled
Equipment used: CHAMPA DRILL
Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

*Describe

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

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Well Developed</th>
<th>Date</th>
<th>Depth of Bottom</th>
<th>Estimated Annual Withdrawal</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>Static water level</td>
<td>11'8&quot; ft.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Pumping water level</td>
<td>17' ft.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Flow rate:</td>
<td>180 gallons per minute, measured 15 minutes after pumping began.</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Power (hp)</td>
<td>1 HP</td>
</tr>
</tbody>
</table>

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: 1522 S. 14th W, Missoula, Montana 59801

**LICENSE NO.**

Show exact depth of bottom: 51'4½"
<table>
<thead>
<tr>
<th>2334</th>
<th>322342</th>
</tr>
</thead>
</table>

I received and filed this instrument for record on the 23rd day of August, 1922 at 11:30 a.m. M.. permanent title of Missoula County, State of Montana.

Witness my hand:

V. M. Carmack, County Recorder

By __________________________, Deputy

For __________________________, Paid
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, 1967, as amended)

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

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

Owner: William G. Longpre
Address: 308 S. Greve

Date well started: April 5, 1957
Type of well: Drilled
Equipment used: Churn Drill

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

*Describe...

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Defined Hole</th>
<th>Size and Weight of Casing</th>
<th>Press (Feet)</th>
<th>% (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5' ID</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5' ID 14 lb per ft pit floor</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>5' ID 7' above floor</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>50'</td>
<td></td>
<td></td>
<td></td>
<td>none</td>
</tr>
</tbody>
</table>

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

*Measured from ground level.
Well developed by... compressor... 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: John Camp
Driller's Address: 1522 S. 14th W., Missoula, Montana 59801

LICENSE NO....7

50' Show exact depth of bottom

51458
I received and filed this instrument for record on the 8th day of August, 19XX, at 1:22 P.M., permanent file of Missoula County, State of Montana.
Witness my hand.

Veronica A. Cross, County Recorder

By: __________________________, Deputy

Fee: __________, Paid
State of Montana
Administrator of Groundwater Code
Office of State Engineer

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

Owner: William C. Address: 308 S. Grove

Driller: Glenn Camp 705 Alder Address: Missoula

Date of Notice of Appropriation of Groundwater: 5/31/63

Date well started: 5/31/63 Date completed: 6/14/63

Type of well: Drilled Equipment Used: Churn Drill

(Churn, drill, rotary 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>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot; 5&quot; 2.0</td>
<td>7&quot; above pit</td>
<td>7</td>
<td>none</td>
<td></td>
</tr>
<tr>
<td>14 lbs to</td>
<td>54&quot; 10&quot;</td>
<td>floor to</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 411", from 0.5 feet.

Shut-in Pressure for Flowing Well:

Pumping Water Level: 47 feet at 450 gal. per minute.

Discharge in gal. per min. of flowing well:

How Tested: COMPRRESS | Length of Test: 1 hour

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

None

Driller's License Number

Driller's Signature

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

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

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

File No.:

Duplicate
I received and filed this instrument for record on the 25th day of June, 1963 at 4:10 o'clock, p.m., in the permanent files of Missoula County, State of Montana.

Witness my hand:

MARTIN J. REINER, County Recorder

By: C. H. TAYLOR, Deputy

Rev. 12, 19__
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. William B. Longf used Longf, of Joe E. Longf, Missoula
(Name of Appropriator) (Address) (Town)
County of Missoula 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 7/35

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

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 July 1, 1935

8. The depth of water table Above 12'

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 Domestic

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
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)

STATE ENGINEER

1. William E. Longfellow 306 E. Granite
   (Name of Appropriator) Missoula
   (Address) Missoula
   (Town)
   County of Missoula  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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
   Approx. 1943

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner
   
   5. Indicate point of appropriation and place of use, if possible.

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
   Not Known

8. The depth of water table
   Approx. 43'

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" casing Approx. 46'

10. The estimated amount of groundwater withdrawn each year
    Domestic

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

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.

1825
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Frank A. Lockwood, ca. 1860, 777 W. Missoula
   County of Missoula, State of Montana
   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: Irrigation

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

   4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 20 g.p.m.

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 28.12 acres, T. 13 S., R. 61 W.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Pump, 4 in. bucket well, SW 1/4 SW 1/4 Sec. 17 T. 13 N. R. 61 W.

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

   8. The depth of water table: 78 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, 1 in. pumping, 78 ft. deep

   10. The estimated amount of groundwater withdrawn each year: 400,000 gal.

   11. The log of formations encountered in the drilling of each well if available: Sand, gravel, 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: Book 118, Page 626

Signature of Owner: Frank A. Lockwood
Date of Filing: Jan 3, 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.
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

Donald J. MacIver
2710 8th St., Missoula, Mont.

County of Missoula
State of Montana

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
   Household & irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since
   Spring of 1940
   In use continuously since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   About 400 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
   About 1/2 acre. Both loans
   Owner Donald J. MacIver.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Electric pump, in basement.

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

8. The depth of water table
   Unknown.

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

10. The estimated amount of groundwater withdrawn each year
    Approx. 300 to 400 gal. per day.

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

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)

Lawrence M. or Pearl D. Name...M. Missoula...
(Address) (Town)
County of Missoula 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
   and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   March 18, 1959 - Date.
   (State or continuous since).

4. The amount of groundwater claimed (in miner's inches or gallons per minute), 100 gallons per minute.
   (State amount).

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:
   (State).

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

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:
   (State).

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:

   (State).

Signature of Owner:

Date: Dec. 20, 1959

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)

Ira L. McCarron

of 2805 So. 7th Street

(Missoula)

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: Farming - Residence

2. The date or approximate date of earliest beneficial use: September 20, 1915

3. The amount of groundwater claimed (in miner's inches or gallons per minute): 50 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: none

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: New electric pump to be installed

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Well drilled: 1915

7. The depth of water table: about 28 feet

8. The estimated amount of groundwater withdrawn each year: unknown

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

Signature of Owner: Ira L. McCarron

Date: Dec. 31, 1913

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)

Francis James Miller
(Name of Appropriator)

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

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

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

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

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

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: Dec 30, 1963

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

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

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

Approved Stock Form—State Publishing Co., Helena, Montana—4234
ADDENDUM

Form: ☐ Declaration of Vested Groundwater Rights
☐ Notice of Completion of Groundwater Appropriation by Means of Well

Name of owner: Fred Minster

Corrected land description: 1SE 1 NW4 SW
Sec. 17 T13N R19W

Initials: CS
File No. 19001
County Missoula
Administrator of Groundwater Code
Office of State Engineer

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

Fred Minster
(Name of Appropriator)
Route #1, Orchard Homes, Missoula
(Address)
Missoula
(Town)
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: Domestic & Irrigating purposes.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Not Known.

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: Household garden & Lawn—about 1 acre, Owner same as above.

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

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

8. The depth of water table: about 57 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 casing; 57 feet deep; driven well.

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 Known.

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: Fred Minster
Date: 31 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.

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.
Received and filed this instrument presented as recorded on the 1st day of Dec. 1923 at 3 o'clock p.m., permanent time of Missoula County, State of Montana, witnessed by me.

MARTIN B. BINTNER, County Recorder
By MARTIN S. MATHES, Deputy

1920
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Richard Mitchell</td>
<td>2226 3rd St.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glenn Gump</td>
<td>705 Alder</td>
</tr>
</tbody>
</table>

Date of Notice of Appropriation of Groundwater

Date well started: 3/19/63
Date Completed: 4/20/63

Type of well: Drilled

Equipment Used: Churn Drill
(dug, driven, bored or drilled)

Water Use: Domestic [ ] Municipal [ ] Other [ ] Irrigation [ ]

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

<table>
<thead>
<tr>
<th>Strata</th>
<th>Date (to)</th>
<th>Character of Water-bearing Strata</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 1' Top soil</td>
<td></td>
<td></td>
</tr>
<tr>
<td>1' to 16' Sand, clay &amp; gravel</td>
<td>0 to 1'</td>
<td></td>
</tr>
<tr>
<td>16' to 26' Sand, clay</td>
<td>0 to 1'</td>
<td></td>
</tr>
<tr>
<td>So no gravel (a little water)</td>
<td>0 to 1'</td>
<td></td>
</tr>
<tr>
<td>26' to 30' Sand, gravel</td>
<td>0 to 1'</td>
<td></td>
</tr>
<tr>
<td>A water</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30' to 33' Clay &amp; gravel</td>
<td>0 to 1'</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Well Depth</th>
<th>50 ft. D.</th>
</tr>
</thead>
<tbody>
<tr>
<td>5' above G.L.</td>
<td>14 lbs to foot</td>
</tr>
<tr>
<td>14 lbs to foot</td>
<td>12' 1 ft. to G.L. feet</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well. 12' 1 ft. to G.L. feet.

Shut-in Pressure for Flowing Well.

Pumping Water Level. 12' feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well.

How Tested: [ ] Testing well
[ ] RFK
[ ] Other

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)

Show exact depth of bottom.

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

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

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

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

George Nass &/or
Owner Arline M. Nass
Address Missoula, Montana

Driller Liberty Drilling Co.
Address Missoula, Montana

Date of Notice of appropriation of groundwater...None filed

Date well started...1/7/66
Date completed...1/10/66

Type of well...Drilled

Equipment used...Cable Tools

(Churn drill, rotary or other)

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

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>Net Size and Weight of Casing</th>
<th>From Surface (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6 5/8 OD x 3/4&quot; inch</td>
<td>1' 8&quot;</td>
<td>55</td>
<td>NONE</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well...
8 1/4" feet.

Shut-in Pressure for Flowing Well...Non-Flowing
Pumping Water Level...19 feet

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

How Tested...Air Lift Pump
Length of Test...Two hours

Remarks: (Gravel packing, cementing, packers, type of sluhoff) All water entering well is coming through the open bottom of the six-inch casing.

Site: T15N R19W Sec.19T13R19W

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

Show exact depth of bottom.

Bottom of hole 55'

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).

1/4 acre

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

Driller's License Number

Driller's Signature

40793
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>June 16-58</td>
<td>July 1-58</td>
</tr>
</tbody>
</table>

Owner: George Nord
Address: Missouri, Mont.

Driller: Bill Preston
Address: Lolo, Mont.

Location: Sec. __, T. __, R. __, 1/4 sec. 3rd St., Orchard, Hrs.

Type of well: Drilled

Equipment used: Churn Drill

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

Casing:
- 0 ft. to 66 ft. Type __ Size __ in. Standard pipe
- __ ft. to __ ft. Type __ Size __
- __ ft. to __ ft. Type __ Size __

Perforated or Screened: __ ft. to __ ft. __ ft. to __ ft.

Type of screen or perforations: __

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

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

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

How tested: __

Length of test: __ hrs.

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 - 44</td>
<td>gravel</td>
</tr>
<tr>
<td>44 - 49</td>
<td>boulders</td>
</tr>
<tr>
<td>49 - 66</td>
<td>sand &amp; gravel</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)

Orchard Homes County Life Club of South 3rd West, Missoula

County of Missoula 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been prior to 1962. Continuous

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.
I received and filed this instrument for record on the 12th day of July, 1928, at 3:29 o'clock A.M., personal issue of Missoula County, State of Montana.
Witness my hand.

MARION A. BIRCHER, Recorder
By MARION B. BIRDSONG, Deputy
Sum 1, 1929
Pole
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Charles Ott
Driller: John Farrell

Date of Notice of Appropriation of Groundwater: Nov. 4, 1962
Date Completed: Nov. 7, 1962

Type of Well: Drilled
Equipment Used: Dug, driven, bored or churn drill (Churn drill, rotary or other)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot;</td>
<td>5' 13 LB 0</td>
<td>43'</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 7 feet.
Shut-in Pressure for Flowing Well.
Pumping Water Level: 13 feet at 13 gal. per minute.
Discharge in gal. per min. of flowing well.
How Tested: Pump
Length of Test: 6 hrs.
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number

Driller's Signature

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

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

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

15285
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. James T. Parmele
   (Name of Appropriator)
   Address
   (Address)
   Town
   (Town)
   County
   Montana
   State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   N
   W

   SE 1/4 NW 1/4 NE 1/4

   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 and irrigation.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been. August 1941. Used continuously since that date.

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

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and nams of the owner thereof. Used for irrigation of garden and lawn on approximately one acre of land more or less owned by James T. Parmele.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric pump. 700 Alberta Missoula Montana.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. August 1941. Completed in one day.

   8. The depth of water table. Depth is forty one feet of well water table 20 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. Same as No. 7.

   10. The estimated amount of groundwater withdrawn each year. Four hundred thousand gallons per year.

   11. The log of formations encountered in the drilling of each well if available. Formation was mostly 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 title. Cold water from spring to winter but there is always plenty of water at this depth.

   Signature of Owner
   [Signature]
   Date: Dec 30, 1963

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

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

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

DEVELOPED AFTER JANUARY 1, 1963

(UNDER CHAPTER 237, MONTANA SESSION LAWS, 1961)

Owner: \[\text{First Name} \text{ Last Name}\] Address: \[\text{Street Address} \text{ City, State} \text{ Zip Code}\]

Driller: \[\text{First Name} \text{ Last Name}\] Address: \[\text{Street Address} \text{ City, State} \text{ Zip Code}\]

Date of Notice of Appropriation of groundwater: \[\text{Month/Day/Year}\]

Date well started: \[\text{Month/Day/Year}\]

Date completed: \[\text{Month/Day/Year}\]

Type of well: \[\text{Drilled, driven, bored or drilled}\]

Equipment used: \[\text{Chimney drill, rotary or other}\]

Water use: \[\text{Domestic} \text{ or} \text{ Municipal} \text{ or} \text{ Stock} \text{ or} \text{ Irrigation} \text{ or} \text{ Industrial} \text{ or} \text{ Drainage} \text{ or} \text{ Other}\]

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.

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

Static Water Level for non-flowing well: \[\text{Depth in feet}\]

Shut-In Pressure for Flowing Well: \[\text{Pressure in pounds per square inch}\]

Pumping Water Level \[\text{Depth in feet}\]

Discharge in gal. per min. of flowing well: \[\text{Discharge in gallons per minute}\]

Length of Test: \[\text{Duration in hours}\]

Remarks: \[\text{Gravel packing, cementing, packers, type of shutoff, etc.}\]

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).

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: \[\text{License Number}\]

Driller's Signature: \[\text{Signature}\]

File No. \[\text{File Number}\]

Duplicate Log

Top of Ground
(Elev. above sea level \[\text{Elevation}\])

0 = \[\text{Top of Well}\]

24 = 24 stone, sand \& gravel

48 = 48 gravel \& water

60 = 60 small gravel \& water

84 = 84 gravel \& water

Show exact depth of bottom: \[\text{Depth in feet}\]

Discharge in gal. per min. of flowing well: \[\text{Discharge in gallons per minute}\]

How Tested: \[\text{Method of testing}\]

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

(Continue on reverse side)
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1982
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Enea O. Peterson
Address: 3240 B, 4th W. Helena.

Driller: Harold E. Pickens
Address: 5064 So. Ave, Missoula.

Date of Notice of appropriation of groundwater: __/__/___
Date well started: __/__/___
Date completed: __/__/___

Type of well: Drilled
Equipment used: Cable tool
(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.

Static Water Level for non-flowing well: ______ ft.
Shut-in Pressure for Flowing Well: ______ lbs.
Pumping Water Level: ______ ft.
Discharge in gal. per min. of flowing well: ______ gal.
How Tested: __________
Length of Test: ______ hr.
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.

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).

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.

[Diagram]

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

44,551
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: Holton
Address: 305 Short St., Missoula, Montana

Date well started: April 21, 1971
Date well completed: April 23, 1971

Type of well: Drilled

Equipment used: Churn drill

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

*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: 3,500,000 gallons

<table>
<thead>
<tr>
<th>Depth of Hole</th>
<th>Depth and Grade of Cases</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6&quot; 17'10&quot;</td>
<td>1 up</td>
<td>53</td>
</tr>
</tbody>
</table>

Static water level: 12 ft.
Pumping water level: 15 ft.

*Measured from ground level.

Well developed by: compressor
for: 3 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: Charles Helmond
Driller's Address: C.A.C. Drilling, R.D. 10, Box 679, Missoula, Montana
License No.: 155

48465
2:30  302464

I received and filed this instrument for
and on the 24 day of May 1971.

1:00 P.M., permanent files
of Missoula County, State of Montana

Witness my hand:

Dennis E. Grove, County Recorder

Deputy

Fee 1.20.00.  Paid (1)

I.D.O
Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)  

1. Harold L. Ridley  
(Name of Appropriator)  

County of Missoula  
(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 household use + lawn irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 1957 +

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Used to irrigate lawn, garden, about 2 acre

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: About April 1st 1957

8. The depth of water table: 18 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: 6 inch driven casing, depth of 53 ft.

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

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

Signature of Owner Harold L. Ridley  
Date April 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 received and filed this Instrument for record on the 3rd day of June, 1954, at 11:30 a.m., pursuant to the laws of the State of Montana.

Verma A. Crown, County Recorder
By: [Signature]
Deputy
[Date]
<table>
<thead>
<tr>
<th>Question</th>
<th>Answer</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Name of Appropriator</td>
<td>Donald L. and Berth L. Richardson</td>
</tr>
<tr>
<td>2. Address</td>
<td>2736 7th St., Missoula</td>
</tr>
<tr>
<td>3. County</td>
<td>Missoula</td>
</tr>
<tr>
<td>4. State</td>
<td>Montana</td>
</tr>
<tr>
<td>6. Date of appropriation</td>
<td>October 1950</td>
</tr>
<tr>
<td>7. Date of construction</td>
<td>October 1950</td>
</tr>
<tr>
<td>8. Depth of water table</td>
<td>30 ft.</td>
</tr>
<tr>
<td>9. Log of formations</td>
<td>Not available</td>
</tr>
<tr>
<td>10. Estimated amount of groundwater withdrawn each year</td>
<td>324,000 gal.</td>
</tr>
<tr>
<td>11. Signature of owner</td>
<td>Donald L. Richardson</td>
</tr>
<tr>
<td>12. Date</td>
<td>July 1960</td>
</tr>
</tbody>
</table>

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
I received and filed this instrument for record on the 11th day of June, 1946, at 1:15 o'clock p.m., in the office of the Register of Deeds of Missoula County, State of Montana.

Witness my hand:

MARTIN E. BRUNER, County Recorder

By

DAVID L. BOWERS, Deputy

Fee $14.00 Paid.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Marvin D. Ross
   a. 2641 Gleason St., Missoula
   (Name of Appropriator) (Address) (Town)

County of Missoula State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: about 1951
   Continuous

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Pump with 1½" intake. Located in
   basement of house

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1951 (exact dates not known)

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:
   4½" casing with 1½" suction pipe

10. The estimated amount of groundwater withdrawn each year: 120,000 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: not furnished

Signature of Owner: Marvin D. Ross
Date: Dec. 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the 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. School District No. 1 of 215 South 6th West, Missoula

(Name of Appropriator)
(Address)
(Town)

County of Missoula
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: Water System for Hawthorne School

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1912 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 72 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 therefor: front lawn approximately 1 acre

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

   a. Deep Well Turbin 1 - 12' Deep Turbin Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Shallow well drilled about 1912 (irrigation). Deep well (all sanitary and drinking water) drilled 1952.

8. The depth of water table: Surface water approximately 12'. Deep well strata 138'.

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: Shallow well was dug about 1912 and used until 1952. In 1952, when a new addition was built to the Hawthorne School, a 3' drilled well was installed to a depth of 138 feet.

10. The estimated amount of groundwater withdrawn each year: 2,700,000 gallons.

11. The log of formations encountered in the drilling of each well if available: Filed with the State Board of Health.

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: Donald L. Betel Clerk

Date: Dec. 18, 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.