Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Marcus J. Bourke
Address:

Driller: Harold K. Pickens
Address: 3213 30th Ave.

Date of Notice of appropriation of groundwater:

Date well started: 7/28/65
Date completed: 7/31/65

Type of well: Driven
Equipment used: Cable tool

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

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

<table>
<thead>
<tr>
<th>Size of Drilled</th>
<th>Size and Weight</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hole (Feet)</td>
<td>of Cutting</td>
<td>(Feet)</td>
<td>(Feet)</td>
<td>Per. Ft.</td>
</tr>
<tr>
<td>4 in.</td>
<td>1078</td>
<td>0</td>
<td>57</td>
<td>1/8 slots</td>
</tr>
</tbody>
</table>

0 to 2½ top soil

2½ to 7 soil & gravel

7 to 17 gravel & sand

17 to 24 gravel sand & water

24 to 35 sand & water

35 to 46 small gravel sand & water

46 to 50 clay

50 to 57 gravel & water

Show exact depth of bottom. 57 ft.

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

How Tested
Length of Test
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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
Driller's Signature

AUG 17 1965
ADDENDUM

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

Name of owner:    Annie & George Bukovatz

Corrected land description:  W1/4 SE1/4 SE1/4 NE
                              Sec. 20  T13N R19W

Initials:  CS  Riverside Addition
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator: 
   Address: 
   Town: 

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 
   sometime in 1910

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 
   100 gallons a 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:
   if needed for lawn use

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

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

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:
   unable to determine

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

11. The log of formations encountered in the drilling of each well if available:
    Book 102, of deeds, page 430

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 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.
ADDENDUM

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

Name of owner: William J. Burlingame

Corrected land description: NW1/4 NW1/4

Sec. 20 T32N R6W

Initials: CS
Decleration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1981)

William Burlingame

Name of Appropriator

of 2400 River Road Missoula

Address

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 and Address of Owner

2. The beneficial use on which the claim is based

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

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

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

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

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner

Date

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

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

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

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

JOSEPH R. and BARBARA J. BUSH of 2431 RIVER ROAD, 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: HOUSEHOLD AND IRRIGATION

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1960 through 1963

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1.2 GALLONS PER MINUTE

5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof: 1/4 ACRES - IRRIGATION - DOMESTIC

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: WATER PUMP - 2431 RIVER ROAD

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: NOVEMBER 1, 1930

8. The depth of water table: 67 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: 2 1/2 INCH PIPE - 60 FEET

10. The estimated amount of groundwater withdrawn each year: 2,000,000 GALLONS PER 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 in carrying out the policy of this act, including reference to book and page of any county record: BOOK 177 PAGE 538

Signature of Owner: BARBARA J. BUSH
Date: 8-30-63

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

Declaration of Vested Groundwater Rights
(Under Chapter 227, Montana Session Laws, 1961)

1. Fred Chaudoin and Nila Chaudoin, of Route 2, Missoula, Montana
   (Name of Appropiator)
   (Address)

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

   Lots 1, 2, 3, 10, 19 & 20 in
   Block 14 of Rimrock Addition

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

   N
   |   |   |   |   |   |   |
   W
   |   |   |   |   |   |   |
   |   |   |   |   |   |   |

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      1942

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

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

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
      Electric pump located on Lot 19

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

   8. The depth of water table
      321

   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
      W/A

   10. The estimated amount of groundwater withdrawn each year
       6,000 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
       W/A

   Signature of Owner
   Fred A. Chaudoin

   Date: December 26, 1963

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

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

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

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

Annie Chaussee of 1914 Montana 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: Household

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: Around 1900 & to present

4. Date 1963

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 100 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 lessee thereof: Allot Block Five (S) and All of Block Eight (S) in Riverside Addition to the City of Missoula, 5 Acres, Annie Chaussee

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: A 3/4 HP motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: First around 1900 and due drilled by Jackson

8. The depth of water table: First water 25 ft, Second water 58 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: 8 ft, Drilled Well, Screen, Casing Approx. 58 ft

10. The estimated amount of groundwater withdrawn each year: Approx. 6,000,000 Gals per yr

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: Volume 197, Deed Records, County of Missoula, State of Montana

Annie Chaussee, By
Signature of Owner: George J. Chaussee, Son
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

Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. I, Annie Chaussée, of 1914 Montana St., Missoula
   (Name of Appropriator) (Address) (Town)
   County of Missoula, State of Montana, intend to
   appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is Household, Stock, Irrigation,
   Lawns, Gardens, Fields 5 Acres
   (describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed 100 inches
   per minute

4. The annual period (inclusive dates) of intended use Yearly (For example, Dec. 31, 1963
   to Jan. 1, 1964)

5. The probable or intended date of first beneficial use Near future (maybe 3/1/510 years

6. The probable or intended date of commencement and completion of the well or wells
   Future use (1-6-10 etc. years)

7. The location, type, size and depth of well or wells contemplated
   1-hundred yds. From present Well-West, 5 in. casing, Depth 58 ft.

8. The probable or estimated depth of the water table or artesian aquifer 58 ft.

9. Name, address and license number of the driller engaged

10. Give such other similar information as may be useful in carrying out the policy of this act...All of
    Block Five (5) and all of Block Eight
    (8) in Riverside Addition to the City
    of Missoula (5 acres).

   Locate well or other means of
   development as accurately as
   possible on the plat.

   Signature of Appropriator...Annie Chaussée, By
   George J. Chaussée, Son.
   Date...December 31, 1963

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the
  ground, however made, by which groundwater can be obtained or through which it flows under
  natural pressures or is artifically withdrawn.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the
School of Mines and Quadruplicate for the Appropriator.
I received and filed this instrument for record on the 25th day of June, 1963 at 9:16 o'clock A.M. in the permanent files of Mankin County, State of Louisiana.

Witness my hand:

[Signature]
[Title: County Recorder]
[Deputy:]
[Date:

Fee $8.00 Paid
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

DonaT T. & Shirley M. Connick, of 2447 River Road, Missoula, Mont.
(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:

1. Name of Appropriator
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: **1940 through 1963**.
4. The amount of groundwater claimed (in miner's inches or gallons per minute): **1/2 gallons per minute**.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: **1/2 acre - irrigation & domestic**.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: **Water pump @ 2447 River Road**.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **1940**.
8. The depth of water table: **25 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 pipe - 70 feet**.
10. The estimated amount of groundwater withdrawn each year: **350,000 gallons per 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 in carrying out the policy of this act, including reference to book and page of any county record:

**B1 - P 137 - Line 18**

Signature of Owner: **Shirley M. Connick**
Date: **December 22, 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)

<table>
<thead>
<tr>
<th>1. Margaret M. &amp; Kenneth A. DeVore</th>
<th>of 504 Eaton St., Missoula, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>(Name of Appropriator)</td>
<td>(Address)</td>
</tr>
<tr>
<td>County of Missoula</td>
<td>State of Montana</td>
</tr>
</tbody>
</table>

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 lawn

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

- 1951 continuous

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

- 300 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

- Pump 504 Eaton St., Missoula, Mont.

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

- Pump 504 Eaton St., Missoula, Mont.

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

- 1951

#### 8. The depth of water table

- About 22 feet

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

- 4-inch casing - 60 foot depth

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

- Unknown

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

- Well drilled by Mr. Hewett of Arlee, Mont.

#### 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

- [Note: Information is cut off and not fully readable]

Signature of Owner: [Signature]

Date: December 31, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
I received and filed this instrument record on the 21st day of December, 1895, at 4 o'clock, M., permanent time of Mineral County, State of Wyoming.

Witness my hand,

WILLIAM E. BEINER, County Recorder.

William, Deputy

Pet 8. 1895

P. O.
### Declaration of Vested Groundwater Rights

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **Gilbert Dodson**
   - (Name of Appropriator)
   - of 1925 River Road, Missoula
   - (Address)
   - 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**:
   - Drinking water and irrigation

3. **Date or approximate date of earliest beneficial use, and how continuous the use has been**:
   - 1949

4. **The amount of groundwater claimed (in miner's inches or gallons per minute)**:
   - 150 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**:
   - West 1941 Lot 6 Cobbins & Dimmow
   - Orchard House #2

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

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

8. **The depth of water table**:
   - 23 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" drilled well, 50 ft. deep from bottom of 6" pit.

10. **The estimated amount of groundwater withdrawn each year**:
    - 63,072,000 gals.

11. **The log of formations encountered in the drilling of each well if available**:
    - Nowhere drilled well

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

---

**Signature of Owner**

**Date**

---

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

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

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

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

1. Gilbert Dodgson  
   1205 River Road  
   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
   used for drinking and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
   Sept. 1956 continuous use
   since above date

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 150 gals per minute

5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof  
   approximately 3 acres in lot 6, west 194 ft  
   Cabin & Pinewoods Orchard Homes

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

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

8. The depth of water table 22 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.  
   Driven well of 6' casing 80' deep from top of ground

10. The estimated amount of groundwater withdrawn each year 78,840,000 gals

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

Sign of Owner:  

Date: Dec. 22, 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. George O. Doherty, 2301 River Rd., 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, 1952, as follows:

   2. The beneficial use on which the claim is based: Home Use + Sanitation Purposes.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: About 1952—Continued

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

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

   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: About 1952.

   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: About 30 to 50 feet deep.

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

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

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

   Signature of Owner: George O. Doherty
   Date: 12/31/1963

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.
**Notice of Completion of Groundwater Appropriation by Means of Well**

**STATE OF MONTANA**

**OFFICE OF STATE ENGINEER**

**MAY 26 1967**

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

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

---

**Owner:** Bill A. Evans  
**Address:** Curtis & River Rd.  
**Driller:** Glenn Camp  
**Address:** Hillside, Montana

**Date of Notice of appropriation of groundwater:**

Date well started: May 20, 1965  
Date completed: May 22, 1967

**Kind of well:** Drilled  
**Equipment used:** Churn Drill  
**Type of well:** Drilled  
**Equipment used:** Churn Drill (Dug, driven, bored or drilled)  
**Drill:** Churn drill, rotary or other

**Water use:** Domestic ✔  
**Drill:** Municipal ☐  
**Drill:** Stock ☐  
**Drill:** Irrigation ☐  
**Drill:** Industrial ☐  
**Drill:** Drainage ☐  
**Drill:** Other ☐

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORMANCES</th>
<th>Kind of Water Encounter</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; I.D.</td>
<td>17 lb above G.L.</td>
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<td></td>
<td>G.1.</td>
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<td>60-15</td>
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</tr>
</tbody>
</table>

**Static Water Level for non-flowing well**

16.00 feet.

**Shut-in Pressure for flowing well**

**Pumping Water Level**

26.00 feet with a drawdown of 10.00 gal. per minute.

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

**How Tested:** 

**Length of Test:** 1 hr. 45 min.

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

---

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

---

Show exact depth of bottom.

---

**License # 7**  
Driller's License Number: Glenn Camp  
Driller's Signature: [Signature]

---

42,026  
[Handwritten Date]
I received and filed this instrument for record on the 24th day of March, 1967 at 11:17 A.M. per record fl of Missoula County, State of Montana.
Witness my hand:

Vagene R. Groves, County Recorder

By: [Signature] Date: [Signature]

[Stamp: Recorded]

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

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1965)

County of Missoula
State of Montana

Arnold L. McClellan
of 1801 Wyoming Missoula

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1965, as follows:

2. The beneficial use on which the claim is based. Household Irrigation & Drainage

3. Date of approximate date of earliest beneficial use; and how continuous the use has been. 1960 - present

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. Irrigated garden, proprietor

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. Not available

8. The depth of water table. 12 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- 25' Jacob 

10. The estimated amount of groundwater withdrawn each year. 2,500,000 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 available

Signature of Owner: Arnold L. McClellan
Date: Dec. 6, 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.
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 is 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: James Futch
Address: 119 Catalin, Missoula, Montana
Date well started: June 8, 1976
Type of well: Drilled
Equipment used: Churn-drill
Water Use: Municipal

Estimate Annual Withdrawal:

<table>
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<tr>
<th>Size of Drill</th>
<th>Size and Weight of Cables</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>Kinds</th>
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<td>6&quot; x 5 1/2</td>
<td>3/16, 17 lb above</td>
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Static water level: 12 ft.
Pumping water level: 32 ft.
Power: Does not apply
Remarks: Gravel packing, cementing, type of shut-off

Power Source: Pump

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

Driller’s Signature: __________
Driller’s Address: 1922 S. 14th St., Missoula, Montana

License No.: __________
I received and filed this instrument in record on the 31st day of June, 1925, at 1:00 o'clock in the permanent time of Minnoco County, State of Montana.

Witness my hand.

[Signature]

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

1. James E. & Dale E. Fatch, of 115 W. Gallin, Rt. 5, Helena
   (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: 1945

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 12-2/3 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 1/4 acres in Riverside Addition, Block 33

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric Pump on Lot 1, south side of residence.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1945

8. The depth of water table: 30 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: 4½ steel casing, drilled well, 77 ft. deep

10. The estimated amount of groundwater withdrawn each year: 8,750,000 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:

   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.
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Karl S. Drake  
   of 315 St. Curtis St., Anaconda  
   (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:  
   non-use  

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since then:  
   September 1, 1941  

4. The amount of groundwater claimed (in miner's inches or gallons per minute) our pump is capable of pumping:  
   250 gallons per hour  

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:  
   none  

6. The means of withdrawing such water from the ground and the location of such well or other means of withdrawal:  
   none  

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:  
   September 1, 1941  

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:  
   drilled wells, 4-inch pipe, about 40 feet  

10. The estimated amount of groundwater withdrawn each year:  
    ordinary home 10  

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:  
    none available  

Signature of Owner:  

Date: Jan 3, 1964

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

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

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

1. John George Setty, 2204 River Road, 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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2. The beneficial use on which the claim is based:

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

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

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

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

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

8. The depth of water table:

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

10. The estimated amount of groundwater withdrawn each year:

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

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

Signature of Owner:

Date:

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

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

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

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

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 or map, if available, of the change of use.

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.
Declaration of Vested Groundwater Rights

Name of owner: Norman & Helen Hait

Corrected land description: NW1/4 NW1/4 SE

Sec. 20  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. Name of Appropriator: Helen J. Hailey
   Address: 306 S. 11th Davis St., Missouri
   County of Missouri: State of Missouri

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May 1949 to and every day thereafter

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

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

       ¼ Sec. 37, T.8N. R.4W.

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

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

Deep well pump

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

8. The depth of water table: 16 + 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:

      160 feet deep well

10. The estimated amount of groundwater withdrawn each year: 125,000 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:

       Location of plot is recorded in Book 140 of Deeds on page 477 of the Records of the
       County of Powell, State of Wyoming

Signature of Owner: Helen J. Hailey
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)

HARRY HANSEN, of 204 S. CURTIS, MISSOURI
County of Missouri, 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: Lawn

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1958

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

4. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof: MOW 50 x 100, HARRY HANSEN

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: WALL on 204 S. CURTIS, NE 1/4 SW 1/4, Sec. 20 T. 13 R. 19

6. The depth of water table: Not Known

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

8. The depth of water table: Not Known

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: WELL DAM RE, PIPE 75 FT. ALUM COMP

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: Not Known

Signature of Owner: HARRY HANSEN
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. HARRY HANSEN
   of 214 S. CURTIS
   MISSOULI
   (Name of Appropriator)
   (Address)
   (Town)

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   1932

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.
   50 x 50, HARRY HANSEN

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   Field NE ¼ SW

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   1939

8. The depth of water table.
   Not Known

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.
   1939

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: HARRY HANSEN
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.
I received and recorded this instrument for record on the 23rd day of December, 19__

in the permanent files of the County Court, State of Montana.

Witness my hand:

By: ____________

County Recorder

Fee: ____________
Paid: ____________
ADDENDUM

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

Name of owner:  Dennis F. Harrington

Corrected land description:  15E1NE1NW
Sec. 20  T13N R19W

Initials:  CS
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

Date: Dec. 23, 1963

(State of Montana)

OFFICE OF STATE ENGINEER

COUNTY OF M issoula

Declaraion of Vested Groundwater Right

Name of Appropriator: Dennis Frank Harrington
Address: 210 River Rd., 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 and Address of Appropriator: Dennis Frank Harrington, 210 River Rd., Missoula

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

3. Date or approximate date of earliest beneficial use: 1960

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

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 Acre, 10 acres

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Well, 40 ft. deep

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

8. The depth of water table: 10 ft. below

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 in. well, 8 ft. casing

10. The estimated amount of groundwater withdrawn each year: 20

11. The log of formations encountered in the drilling of each well if available: Caliche, 10 ft., 20 ft.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: Page 376

Signature of Owner: Dennis Frank Harrington

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.
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

State of Montana
Administrator of Groundwater Code
Office of State Engineer

Clarence W. Hawker
of 1639 Idaho Missoula, Montana

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:
   - Household

2. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   - No well at present time

3. The amount of groundwater claimed (in miner's inches or gallons per minute):
   - Approximately 4 gallon 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:
   - Would use an electric water pump

6. The depth of water table:
   - Probably around 50 or 60 feet

7. The estimated amount of groundwater withdrawn each year:
   - Probably about 700 to 800 thousand gallon

8. The log of formations encountered in the drilling of each well if available:
   - Don't know

9. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:
   - Abstract # 5128

Signature of Owner: Clarence W. Hawker
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. Ray A. Hawley, of 235 Catlin 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:

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

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

   1/4 Sec. 20 T. 15 N. 19 W.

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.  
   cycled in Sept., 1953, used continuously after Nov.

4. The amount of groundwater claimed (in miner's inches or gallons per minute).  
   10 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.  
   one half acre of laws
   Ray A. Hawley

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.  
   1/2 Pump
   By the right rear side of
   House.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.  
   Ji 1/15/55

8. The depth of 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.  
   Drilled - 4 inch - 42 feet

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

11. The log of formations encountered in the drilling of each well if available.  
    0-20' Sand, Drift, Basalt, Conglomerates - Mixed with clay
    20-40' Sand, Gravel, Water - 20 ft. of gravel
    40-50' Mixed gravel, Rocks, & Drifters, with 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.  
    Not known

Signature of Owner: Ray A. Hawley  
Date: Dec. 31, 1965

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

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

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

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Leo E. & Evelyn Haits
   of 1700 Fleming St., Missoula, Mont.
   (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. May 10, 1961, as replacement for earlier well. In continuous use since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 18 g/s 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 About 25 acres in Riverside Addition Block 16 owned by Leo E. & Evelyn Haits

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump, lot 16 or 17, west side of residences.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. May 10, 1961

8. The depth of water table. 38 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 4½ steel casing in drilled well, 49½ depth

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

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: Evelyn Haits
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, 1962
(Under Chapter 237, Montana Session Laws, 1961)

File No. T 13 R 19

Owner: Stanley Hendrickman
Address: River Road

Driller: Glenn Camp
Address: Missoula, Mont.

Date of Notice of appropriation of groundwater:

Date well started: 10/18/65
Date completed: 10/27/65

Type of well: Drilled
Equipment used: churn drill
(Dug, driven, bored or drilled)

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

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

Show exact depth of bottom.

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).

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

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

License # 7

Driller's License Number

Driller's Signature
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. WARREN K. HEYER and ESTHER HEYER, of 1401 S., 3rd Street NW, MISSOUKA
(Name of Appropriator) (Address) (Town)
County of MISSOUKA, 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: since 1948 continuously.

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 lands to which water has been applied and name of the owner thereof: A tract of land situated in Lot 5 of Palah
cut's Addition, a platted subdivision in MISSOULA COUNTY, MONTANA, according to the
(Description continued on back)

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

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

8. The depth of water table: not known.

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.

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: not known.

WARREN K. HEYER and ESTHER HEYER

Signature of Owners

by

Their Attorney and Agent
Date: 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.
(Continuation of description)

official recorded plat thereof, which is particularly described as:

Beginning at the northeast corner of said lot 3 and run-
ning thence south along the east line of said lot a distance of
140 feet; thence running west and parallel with the north line of
said lot a distance of 120 feet; thence running north and parallel
with the east line of said lot a distance of 140 feet to a point
on the north line of said lot 5; thence running east along the
north line of said lot 5 a distance of 120 feet to the northeast
corner thereof and place 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, 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: ANTHONY M. ORCHIN
For Administrator's Use

Address: 2026 South St.
File No.: 327216
Missoula, Mont.

Date well started: 10/20/72
GW 13:30 p.m.

Date well completed: 10/21/72

Type of well: DUG

Equipment used: Pipe Digger
(Chisel drill, rotary or other)

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

*Describe Well to Supply Home & Trailer:

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: APPROX. 40-45 GPM

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

Static water level: 34 ft.
Pumping water level: 52 ft.

at 4/18 gallons per minute, measured and began.

*Measured from ground level.

Well developed by Air Compressor for 5 hours.

Power: 7.0 HP Pump: Power: HP

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

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

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

Each small square represents 40 acres.

Driller's Signature: Lee B. Stump

Driller's Address: 515 E. 12th St.

Western Drilling & Geology. LICENSE NO. 233

Show exact depth of bottom

County: MISSOULA

Show exact depth of bottom
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

Julian E. Viola F. Hughes
(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:

1. Name of Appropriator

2. The beneficial use on which the claim is based:
   - House water
   - Lawn irrigation, water for horses
   - Cattle, irrigation for 5 acres

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Every year, and also at night.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 100 gals. per min. or 6 inches of water

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:
   - 80 acres, Cobbs Aldenmore, orchard homes no. 1, Missoula, Montana

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - Electric pump
   - South of center of pasture or center of 5 acres; if not built in 1964 it will be built

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1957, 1964, another well will be put in center of pasture or center of 5 acres; if not built in 1964 it will be built.

8. The depth of water table: 50 to 100 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   - 10" casing, 80 to 100 ft. deep, 1-10" casing

10. The estimated amount of groundwater withdrawn each year: million of gals.

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 applicable

Signature of Owner: Julian E. Hughes
Date: 1/31/65

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 Quaduplicate for the Appropriator.
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1982**

(Under Chapter 237, Montana Session Laws, 1961)

Owner: F.C. Huten Jr.  
Address: 1825 River Rd

Driller: Glenn Camp  
Address: Missoula

Date of Notice of appropriation of groundwater: 1/6/66  
Date well started: 1/6/66  
Date completed: 1/6/66

**Type of well**  
Drilled: Churn drill

**Equipment used**  
Churn drill

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

**Drilled**  
6' to 12' Sand, gravel, with cobblestones

12' to 18' Clay, gravel & cobblestones

18' to 29' Sand, gravel & water

29' to 33' Clay, gravel & boulders

33' to 43' Sandy clay

43' to 48' Clay, gravel and a little water

48' to 52' Gravel & water

**Static Water Level for non-flowing well**  
24 feet

**Shut-in Pressure for Flowing Well**  
24 feet

**Pumping Water Level**  
60 gal. per minute.

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

**Comments**  
How Test

**Length of Test**  
3 hour

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

**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).**

<table>
<thead>
<tr>
<th>Driller's License Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glenn Camp</td>
</tr>
</tbody>
</table>

42,035
I received and filed this instrument for record on the 23 day of May, 1967, at 11:00 a.m., in the presence of Missoula County, State of Montana.

Witnesed by:

[Signatures]

Deputy

For S.D.M.C. St. John
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Intermountain Bank Company
   of Missoula
   (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: Industrial

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: January 1, 1962; continuous since.

4. The amount of groundwater claim: (in miner's inches or gallons per minute): 1000 GPM

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

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

   Section 20, T. 31, R. 19

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: approx. 80 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:
   Deep well, electric pump, 10 ft. casing

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

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

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

   

Signature of Owner: Intermountain Bank Company

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

1. Kenneth Iverson of 410 North Curtis, Missoula, Montana
   (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, stock and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...
   Homesteaded in 1906
   Divided in lots in 1923, continuous since then.

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

5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof...
   Lot 25, F. J. Lewis, Kenneth Iverson

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...
   1 Well near house
   Electric pump

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

8. The depth of water table...
   50 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater...
   80 feet depth, 6\(^{th}\) casing

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

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

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

Signature of Owner...

Date 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.

20251
I received and filed this instrument for record on the ___ day of ___________ at _____ o'clock A.M., permanent time of __________ County, State of __________.

[Signature]

[Stamp: Recorder]
[Stamp: Deputy]
ADDENDUM

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

Name of owner: Ellen H. Johnson

Corrected land description: NE 1/4 SW 1/4
Sec. 20 T 13 N R 17 W

Initials: JS

304 N. Davis
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

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

Owner: Ellen H. Johnson
Address: 301 North Dee

Driller: Not Known
Address: Not Known

Date of Notice of Appropriation of Groundwater: Not Known
Date well started: Not Known
Date completed: Not Known
Type of well: Not Known
Equipment Used: Not Known

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 Drilling</th>
<th>Pressure</th>
<th>To (Feet)</th>
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<tbody>
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</tr>
</tbody>
</table>

Static Water Level for non-flowing well: feet.
Shut-in Pressure for flowing well: feet of water.
Discharge in gal. per min. of flowing well:

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.)

Well is about 35' to 40' deep.

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.

2021
ADDENDUM

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

Name of owner: John Karlberg

Corrected land description: 16w14w1 SE Sec. 28 T13S 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. John Karlberg
   (Name of Appropriator)
   304 South Davis St. Missoula
   (Address)
   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 July 1, 1957 continuous to date.

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump. Location of Well at south east corner of house.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 9-June 15 1957.

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. Well is 45 feet deep, has 1 pipe in casing. Electric Pump.

10. The estimated amount of groundwater withdrawn each year 450,000 gallon.

11. The log of formations encountered in the drilling of each well if available: First 6' top soil, gravel and sand! next 25' course gravel, sand and clay, last 6' in course sand and gravel- good water strata.

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
John Karlberg
Date Dec. 27 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 Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. I, [Name of Appropriator], address [Address], of [Town] in [County] of [State], intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is [describe lands to be benefited, if for irrigation].

3. The rate of use in gallons per minute or miner’s inches of groundwater claimed.

4. The annual period (inclusive dates) of intended use [date].

5. The probable or intended date of first beneficial use [date].

6. The probable or intended date of commencement and completion of the well or wells [date].

7. The location, type, size and depth of well or wells contemplated.

8. The probable or estimated depth of the water table or artesian aquifer.

9. Name, address and license number of the driller engaged.

10. Give such other similar information as may be useful in carrying out the policy of this act.

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

Locate well or other means of development as accurately as possible on the plat.

Doc. No. [number]
Filed for record this [day] day of [month], A.D. 19[year], at [time].

Signature of Appropriator [signature]
Date [day] [month] 19[year]

*As defined in the Code Sec. 1 (e), “Well” means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.*

Three copies of this notice are to be filed with 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.
As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

The attached SW-1 form, Notice of Appropriation of Groundwater is a "Notice" form that is filed in advance of the commencing of completion of well construction. Upon well completion a SW-2 form, Notice of Completion of Groundwater Appropriation by Means of a Well shall be filed.
## Declaration of Vested Groundwater Rights

*(Under Chapter 237, Montana Session Laws, 1961)*

1. **Julius P. & Sophie V. Konkell**, of 1625 River Road, Missoula  
   (Name of Appropriaate)  
   (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:  
   - PASTURE AND GARDEN

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:  
   - CANDINUED FOR LAST 15 YEARS

4. The amount of groundwater claimed (in miner's inches or gallons per minute):  
   - 6 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:  
   - APPEPRIANLLELY 1% ACRES OF LAWN AND GARDEN AROUND HOUSE OF MONTICELLO RAY B. KONKELL

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:  
   - ONE ELECTRIC PUMP LOCATED AT REAR OF THE HOUSE

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:  
   - JUNE 1945

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 WELL (6 INCH CASING)

10. The estimated amount of groundwater withdrawn each year:  
    - 249, 175 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:  
    - ABSTRACT OF TITLE

Signature of Owner:  

Date: December 21, 1945

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

1. Walter F. Kammell  
   of 1800 Montana Street  
   Missoula  
   (Name of Appropriator)  
   (Address)  
   (Town)

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May 15, 1948. Use has been continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): ten 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: Approximately 10,000 square feet (irrigated garden).

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: May 15, 1948.

8. The depth of water table: 18 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 4-inch casing, 30 feet deep.

10. The estimated amount of groundwater withdrawn each year: 200,000 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: Deed to land recorded May 24, 1950 in Book 139 of Deeds, Page 37, on Document No. 50864, records of Missoula County, Montana.

Signature of Owner: December 31, 1963

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

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

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

(Under Chapter 237, Montana Snow Law, 1961)

**Curtis P. LaFray**

Address: **9201 River Road Missoula**

**Missoula County** — **Montana State**

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

1. **Name of Appropriate:** Curtis P. LaFray
2. **Address:** 9201 River Road Missoula
3. **County:** Missoula
4. **State:** Montana

### Point of Appropriation

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

**NE 1/4 Section 18 T13 N R19 W**

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

5. **Date or approximate date of earliest beneficial use:** Sept. 1942
6. **Continued since:** Mar. 1946

7. **Beneficial use on which the claim is based:** Home, Yard & Garden
8. **Amount of groundwater claimed:** Unable to determine

9. **Means of withdrawing groundwater:** Electric Pump

#### Eight Additional Questions

1. **Date of commencement and completion of the construction of the well(s):** Sept. 1942
2. **Depth of water table:** Unknown
3. **Type, size, and depth of each well or the general specifications of any other works for the withdrawal of groundwater:** 30 ft.
4. **Estimated amount of groundwater withdrawn each year:** Unknown
5. **Log of formations encountered in the drilling of each well if available:** Not available
6. **Other information of a similar nature as may be useful in carrying out the policy of this act:** Not available

---

**Signature of Owner:** Curtis P. LaFray  
**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 Appropriate.
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: Curtis L. Lakey
Address: 101 Miller Rd., Missoula, Montana
Date well started: 6/6/72
Completed: 6/9/72
Type of well: Drilled
Equipment used: Cable tool
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 Well</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 in x 3 in</td>
<td>24.62 per ft.</td>
<td>30</td>
<td>59</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 6 ft of top
Pumping water level: 6 ft of top
at 8 gallons per minute, measured 3 minutes after pumping began.

*Measured from ground level
Well developed by: Gardner
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: [Signature]
Driller's Address: 5994 Joe Ave., Missoula, Mont

Top of Ground

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Top of Soil</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>50</td>
<td>Top of soil</td>
</tr>
<tr>
<td>21</td>
<td>7</td>
<td>Course gravel</td>
</tr>
<tr>
<td>9</td>
<td>5</td>
<td>Course gravel and sand</td>
</tr>
<tr>
<td>28</td>
<td>59</td>
<td>sand and water</td>
</tr>
<tr>
<td>43</td>
<td>49</td>
<td>red clay in water</td>
</tr>
</tbody>
</table>

49 07 TRAVEL A WATER

50 759

Show exact depth of bottom
I received and filed this instrument the 22nd day of June in the year of Our Lord one thousand eight hundred and twenty-two.}

W. J. Clarke, Clerk of the Circuit Court of the County of Washington

Witness my hand.

Washington, D.C. County, Circuit Court

This 22nd day of June, 1822

[Signature]

For $2.00
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

William L. Lefler
(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—
   House and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been—
   Fall of 1912, continuous since that time

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater—
   Fall of 1912

8. The depth of water table—
   15 to 20 ft. in the well, unknown below

9. So far as it may be available, the type, size, and depth of each well on the general specifications of any other works for the withdrawal of groundwater—
   Well is deep with casing

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

11. The log of formations encountered in the drilling of each well if available—
   All gravel deposit in old lake bed

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—
   1807 (2), 2nd of the 4th, page 4

Signature of Owner: William L. Lefler
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.

20135
215489

I received and filed this instrument for record on the 1st day of May 1962
in P.R., Robert M., permanent files of Missoula County, State of Montana
Witness my hand:
MARTIN S. BIVIN, County Recorder
By: Martin S. Bahnsen, Deputy
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. V. T. Lithgow
   (Name of Appropriator)
   of 1602 S. 2nd St., Missoula, State of Montana

County of Missoula

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 household use and...and garden sprinkling.

3. Date or approximate date of earliest beneficial use and how continuous the use has been. Well has been in operation with the residence use from at least as early as construction of the present dwelling which was prior to 1900. Use has been continuous.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Exact date of original construction of well not known to present owner but it was worthed before construction of the present dwelling, which was prior to 1900. Depth of well was extended in 1939.

8. The depth of water table. Complete depth of table from which water taken at 40 ft. is not known to me. Present casing extends into this table to a depth of 10 ft. 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. Original was a dug well 32 ft. deep. Later filled in with rocks and gravel around a 10" steel casing. Depth of wall extended to 50 ft. in 1939 by driving a 4" steel pipe inside the 10-inch casing.

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. Information on formations in original 32-ft. well not available, but known from other excavations to be generally strong-bedded gravel. Test of the extension to 10 ft. is through middle and ends in wellbore small gravel gravel overlaid with hard pan believed to be impervious.

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 known to present owner.

Signature of Owner: V. T. Lithgow
Date: December 25, 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.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: [Name]
Address: [Address]

Date of Notice of Appropriation of Groundwater: [Date]

Type of well: [Type]
Equipment Used: [Equipment]

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

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 of Drilled Hole</th>
<th>Size and Weight of Drilling</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: [Level] feet.

Shut-in Pressure for Flowing Well: [Pressure] feet.


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


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

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

Show exact depth of bottom.

Driller's Signature: [Signatures]

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

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

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

2. The beneficial use on which the claim is based:  
   Household,  
   Yard and small garden.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been at this point in time:
   Jan 3 1939

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

5. If used for irrigation, give the acreage and description of the land to which water has been applied, and name of the owner thereof:
   1.25 acres at 2345 Evergreen Rd. Only about 3/4 of the acre has been uniformly watered, however.

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:
   Don't Know.

8. The depth of water table:
   Don't Know 16 2/3 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:
   16 2/3 ft to water.

10. The estimated amount of groundwater withdrawn each year:
    35,000 gal.

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:

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 Appropirator.

20286
I received and filed this instrument for record on the 11th day of Dec., 1862, in the permanent files of Kiowa County, State of Kansas.
Witness my hand.

By: [Signature]
Deputy County Recorder

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. Peyton Mouroue of 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 ____________________________

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; by electric pump located in basement of house about __________ feet from __________

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

8. The depth of water table ____________________________

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

10. The estimated amount of groundwater withdrawn each year ____________________________

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

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

Signature of Owner ____________________________

Date ____________________________

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

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

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

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

Willie P. Parker and Julia E. Parker, of 512 N. Davis St., Missoula, Mont. 59801
(Name of Appropriator) (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: Upon household, domestic and irrigation use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Used continuously since about 1952 and since 1943 by the undersigned.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 miner's inch = 673.2 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: One-half acre of lawn and garden.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric pump. The well is located upon the ground described as the place of use.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: It is believed the well was dug and water used commencing in the year 1905.

8. The depth of water table: about 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: Drilled well, 2" pipe, electric pump.

10. The estimated amount of groundwater withdrawn each year: 2,000,000 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: None.

__________________________
Signature of Owner

Date: December 20, 1963

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

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

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

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

**Shirley Louise &/or**

Owner: Charles R. Peppard
Address: Missoula, Montana

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

Date of Notice of appropriation of groundwater: **None filed**

Date well started: **4/28/66**
Date completed: **4/28/66**

**Type of well: Driven**
Equipment used: **Well Driving Rig**
(Drill, Driven, bored or drilled)

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

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>Rise and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6 5/8&quot; OD x 1/4</td>
<td>+6&quot;</td>
<td>57</td>
<td>Torch Cut</td>
</tr>
</tbody>
</table>

**Water rises in the well 22 feet from surface.**

**Static Water Level for non-flowing well**

22 feet.

**Shut-In Pressure for flowing well**

Non-assessed.

**Pumping Water Level**

38 feet at 60 gal. per minute.

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

Non-assessed.

**How Tested**

Air Lift Pump

**Length of Test**

Two hours

Remarks: (Gravel packing, cementing, packers, type of shutoff). The bottom four feet of casing is perforated and all water entering the well is coming through these perforations. Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be limited 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).

**% of Acre**


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: **42, 512**

Driller’s Signature: **William E. Ashley**
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

Roy M. and Lorminda A. Mart
of 1828 Charlotte Avenue, 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
   domestic, domestic animals, and irrigation of 2 acres

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

4. The amount of groundwater claimed (in miner's inches or gallons
   per minute) 17 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.
   2 acres (Lot 6, C. A. B., Orchard Homes Addition # 2, Flat B-3, Missoula, Bk. NET B.20, T. 12 N., R. 19 W.) Same owner as appropriator, above.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Between 1940 and 1942. Property purchased in Nov. 1940.

8. The depth of water table: Approx. 25 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: Surface water type, 4 inch casing, 150 feet depth, Electric pump, offset type.

10. The estimated amount of groundwater withdrawn each year: 1,925,000 gallons per year.

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

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: Maert Date: Nov., 1940.

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
I received and filed this instrument for record on the 2nd day of October, 1912,
at 3:15 o'clock P.M., pursuant to the laws of Mississippi County, State of Missouri.
Witness my hand.

MARTIN S. BERNIER, County Recorder
By: [Signed Name], Deputy
Page 1 of 2.
Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. Roy M. Hart
   (Name of Appropriator)
   of 1828 Charlott Avenue, Missoula
   (Address)
   (Town)
   County of Montana, State of Montana, Intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is Household, Domestic, Domestic animals, and irrigation of 2 acres; i.e., East 1/2 of Lot 6, Cobban & Dimmores Addition Orchard Homes Plat B-1, Addition #2, Missoula, Montana.

3. The rate of use in gallons per minute or miner's inches of groundwater claimed 17 gallons per minute.

4. The annual period (inclusive dates) of intended use All yearlong each year.

5. The probable or intended date of first beneficial use January 1947

6. The probable or intended date of commencement and completion of the well 1947

7. The location, type, size and depth of well 128' of Lot 6 Cobban & Dimmores Orchard Homes Addition #2, Missoula, Mont. At SW corner of these dwelling, surface water type, 46' depth, 16' casing

8. The probable or estimated depth of the water table or artesian aquifer 25 feet.

9. Name, address and license number of the driller engaged Unknown, performed before I bought the property, (prior to Nov. 1950.)

10. Give such other similar information as may be useful in carrying out the policy of this act.

   * As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.

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

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

   Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
STATE WATER CONSTRUCTION BOARD

JAN 25 1956

I received and filed this Instrument for record on the 25th day of Jan., 1956, at 2:15 P.M., permanent filed of Missoula County, State of Montana, Witness my hand.

VARANCE H. CUMMINS, County Recorder
By: J. E. GRENZ, Deputy
Fee $2.00

24675-9
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

William C. Mielke
(Name of Appropriator)

3128 River Rd., Missoula
(Address)

County of
State of

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 
   July 5th - steady

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... 
   NE 4 NW Sec. 20 T.13 R.19

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

8. The depth of water table... 
   42 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 inch casing, 42 ft depth

10. The estimated amount of groundwater withdrawn each year... 
    365,000 gal.

11. The log of formations encountered in the drilling of each well if available... 
    13 ft gravel - 29 ft sand - water 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...
   Liberty Drilling Co., Missoula

Signature of Owner... William C. Mielke

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.
Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. The Montana Power Company of 40 N. Broadway, Butte
   (Name of Appropriator) (Address)
   County of Silver Bow, State of Montana 59701 intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is Municipal Water Supply

   (describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed

   1000 gal. per minute

4. The annual period (inclusive dates) of intended use January 1-December 31

5. The probable or intended date of first beneficial use May 19, 1969

6. The probable or intended date of commencement and completion of the well* or wells* April 30, 1969

7. The location, type, size and depth of well or wells contemplated 195 ft. Churn Drilled 16 ft. well in sec. 3, T13N, R 19W

8. The probable or estimated depth of the water table or artesian aquifer 40 ft.

9. Name, address and license number of the driller engaged Glenn Camp, 1523 S. 18th
   Butte, Missoula, Montana 59701, License #7

10. Give such other similar information as may be useful

   In carrying out the policy of this act

   X

   THE MONTANA POWER COMPANY

   By  WILL TOLLETT
   Vice President

   40 N. Broadway
   Butte, Montana 59701

   APPROPRIATOR

   * As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.

   Three copies of this notice are to be filed with 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.

   45,313
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 337, Montana Session Laws, 1961)

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of appropriation of groundwater 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: Perforations

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Cement</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Hole</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>16 in.</td>
<td>62.5 lbs per ft. 2' 43/8&quot; above G.L.</td>
<td></td>
<td></td>
<td>G.I.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

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.

### Diagram

**Static Water Level for non-flowing well**

33.37' above 143' feet.

**Shut-in Pressure for flowing well**

How tested

**Length of Test.**

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

**License No.**

Driller's License Number

**Appropriator**

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 copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Notice of Completion of Groundwater Appropriation by Means of Well

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

Wilbert H. &/or
Owner: Josie Y. Potter
Address: Missoula, Montana

Liberty Drilling Co.
Address: Missoula, Montana

Date of Notice of appropriation of groundwater:

Date well started: May 11, 1968
Date completed: May 16, 1968

Type of well: Driven
Equipment used: Torch Drill, Rotary or other
Water use: Domestic [X] Municipal [✓] Stock [✓] Irrigation [✓]
Industrial [✓] Drainage [X] Other [✓]

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; Od x 3/8&quot; OD x 1/4&quot;</td>
<td>51'</td>
<td>Torch Cut</td>
<td>46</td>
<td>31</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 24'6" feet.
Shut-In Pressure for Flowing Well None.
Pumping Water Level: 36' feet at 20 gal. per minute.
Discharge in gal. per min. of flowing well 39'
Non-Flowing

How Tested: Air Lift Pump
Length of Test: Eight hour

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well is coming through perforations in casing.
Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at a rate not in excess of 30. (Continue on reverse side)
USE—It used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Lot 3, Tract 7, Curtis & Majors Addition

Driller's License Number

Driller's Signature
I received and filed this instrument for record on the [date] day of [month], 19[36] at [time] o'clock, A.M., permanent files of Missoula County, State of Montana.
Witness my hand:

[Signature]

County Recorder

[Signature]

Deputy

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

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

<table>
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<tr>
<th>Howard N. Pullen</th>
<th>of 1719 River Road, Missoula, Mont.</th>
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<tr>
<td>(Name of Appropriator)</td>
<td>(Address)</td>
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<tr>
<td>County of Missoula</td>
<td>State of Montana</td>
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I, Howard N. Pullen, of 1719 River Road, 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 and Lawn and Garden Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 15th of October, 1939 - Daily except for period 1942-1943, only occasionally while I was in military service.

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

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:

- South 008' of Lot 12 of Cobham
- Dimmenger's Addition #2 of Orchard Homes

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

- 2 H.P. Electric Pump in a 48' well, 150' North, 100' East of South and West lines of said Lot 12

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1st to 10th of October, 1939

8. The depth of water table: 18' of water standing in 48' well, 30' to 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:

- Five shares of stock, bearing 2 miners inches of water per share, 10 inches total. This stock in Orchard Homes Ditch Company, a Corporation. This water withdrawn from Ditch Co.-leteral by 2 HP. gas operated pump, rated 7500 gals. per hour. Well described in #6 and #8.

10. The estimated amount of groundwater withdrawn each year: 300,000 gal. - Irrigation, 35,000 gal. Domestic use.

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

- Log not available, water was found over a clay seal at 28', not deemed adequate for requirements. Next water found at 48', on at least a 4' clay seam. This supply in abundance. 2 hr. test with 2 in. pump did not reduce stand of water in well.

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

- Nothing further, to my knowledge.

Signature of Owner: Howard N. Pullen
Date: Dec. 1, 1939

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

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

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

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

STATE ENGINEER

1. 

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

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

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 28th day of October, 1962, at 9:30 a.m., on behalf of A. M., permanent title of Missoula County, State of Montana.
Witness my hand:
MARTIN H. BEHNER, County Recorder.
By: [Signature]
Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Mrs. P. A. Murotani
   (Name of Appropriator)
of 118 W. Curtis St., Missoula
   (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: home use

3. Date or approximate date of earliest beneficial use: 1911
   Continuance

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

5. If used for irrigation, give the acreage and description of the lands to which water has been and name of the owner thereof not used for irrigation at present time: none
   but is used for watering grazing animals on three acres of land

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

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: 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: unknown

Signature of

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 Seaton Laws, 1961)

1. Mrs. P. J. Baranowski
   (Name of Appropriator) JRE119.Curtis St. (Address)
   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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2. The beneficial use on which the claim is based: "Home water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1911 - 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: [Signature]
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.