Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Aug 1, 1965

Owner: George & Opal Collier
Address: Missoula, Montana

Contractor (if any): None
Address of Contractor: None

Date Started: Date Completed: 

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

Depth to Unconfined Groundwater: 

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use:

Continuously: 

Estimated Unconfined Groundwater: Aug 1, 1965

Indicate point of appropriation and place of use, if possible.

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriate.
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: Bruce Conner
Address: 130 Tower
Missoula, Montana

Date well started: May 8th, 1972
Well completed: May 18th, 1972

Type of well: drilled
Equipment used: churn drill

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

Describe use:

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

Kind of Well: none

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Points of Contact</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>Perforations</th>
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</thead>
<tbody>
<tr>
<td>5&quot;</td>
<td>sec. 40 16' 3' 1/2&quot; above ground</td>
<td>none</td>
<td>none</td>
<td>none</td>
</tr>
</tbody>
</table>

Static water level:
- 5 ft.
- Pumping water level:
- 10 ft.
- Measured from ground level.
- Measured from ground level.
- Power:
- HP
- Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller’s Signature
Driller’s Address: 130 Clements Rd.
I received and filed this Instrument for record on the 32nd day of 1972, of Missoula County, State of Montana.

Witness my hand:

By, Deputy

Fee $3.00 paid.
### Declaration of Vested Groundwater Rights

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

<table>
<thead>
<tr>
<th>1</th>
<th>J. Davis</th>
<th>of</th>
<th>109 Sih</th>
<th>Missoula</th>
</tr>
</thead>
<tbody>
<tr>
<td>County of</td>
<td>Missoula</td>
<td>State of</td>
<td>Montana</td>
<td></td>
</tr>
</tbody>
</table>

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

1. **Name of Appropriator**
   - J. Davis
2. **Address**
   - 109 Sih
3. **Town**
   - Missoula
4. **Date or approximate date of earliest beneficial use**
   - Winter 1960
5. **The amount of groundwater claimed (in miner's inches or gallons per minute)**
   - 80 gal. per minute
6. **If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof**
   - [Details provided]
7. **The means of withdrawing such water from the ground and the location of each well or other means of withdrawal**
   - [Details provided]
8. **The depth of water table**
   - Approx. 1 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**
   - [Details provided]
10. **The estimated amount of groundwater withdrawn each year**
    - 800,000
11. **The log of formations encountered in the drilling of each well if available**
    - [Details provided]
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**
    - [Details provided]

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; quadruplicate for the Appropriator.
21/269

I received and filed this instrument for record on the 23rd day of May, 1915, at 3:48 o'clock P.M., permanent title of Minnie County, State of Montana.

Witness my hand:

MARTIN S. HAWER, County Recorder

By: Ethel Hawer, Deputy

Feb. 1, 269

Paid
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, [Name of Appropriator] of [Address], [Town], [County], [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 [describe]

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

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

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: [dates]

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

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

9. Name, address and license number of the driller engaged: [information]

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

   [Diagram]

   Signature of Appropriator: [signature]
   Date: [date]

   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.
I received and filed the instrument for record on this 23rd day of March 1963 at 3:30 o'clock P.M. in proper files of Mineral County, State of Montana.

Witness my hand:

MAURICE W. TIDER, County Recorder
By: Ethel Lame
Deputy
Feb 6, 1963
Paid
NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 227 Montana Session Laws, 1961, as amended)

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

Owner: [Name]
Address: [Address]
Date well started: [Date]
Date well completed: [Date]
Type of well: [Type of well]
Equipment used: [Equipment used]
Water Use: [Water Use]
*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: [Estimated Annual Withdrawal]

<table>
<thead>
<tr>
<th>Well</th>
<th>Depth</th>
<th>Hole Diameter</th>
<th>From Pump</th>
<th>To Pipe</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>3/8&quot;</td>
<td>1/4&quot;</td>
<td>73'</td>
<td></td>
<td>HOME</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Top of Groundwater</th>
<th>Below Same Level</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>20</td>
</tr>
<tr>
<td>2</td>
<td>50</td>
</tr>
</tbody>
</table>

Static water level: [Static water level]
Pumping water level: [Pumping water level]

Power...[Power]...Pump...150...HP
Remarks: [Remarks]

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

[Driller's Signature]
Driller's Address: [Driller's Address]

[County] [Musselshell]
[License No.: 52]

[Diagram of well location]

[Driller's Log]
Show exact depth of bottom
Water rises in well 9" from surface.

[Location and depth measurements]
**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.

**Evelyn m. Dunwell**

Owner: **JAMES DUNWELL**

Address: 3811 S. 62nd W. Missoula, Montana

Date well started: **July 24, 1972**

Type of well: Drilled

Equipment used: Churn

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

*Describe...* USB: 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>Type of Well</th>
<th>Water Use</th>
<th>Depth of Well</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; L.P.</td>
<td>Domestic</td>
<td>6 5/8&quot;</td>
<td>none</td>
</tr>
<tr>
<td>□</td>
<td>Stock</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□</td>
<td>Municipal</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□</td>
<td>Irrigation</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□</td>
<td>Drainage</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□</td>
<td>Other</td>
<td></td>
<td></td>
</tr>
<tr>
<td>□</td>
<td>Garden/Lawn</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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

**Driller's Signature:**

**Driller's Address:** 740 Turner

**Missoula, Montana**

**LICENSE NO. 193**

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

**Each small square represents 40 acres.**

**Show exact depth of bottom**

51, 405
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:**

Please provide, as indicated in red on the attached form, the complete location of the well by section, township and range.

Thank you.
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

**Owner**

Address: 3811 So. 6th W., Missoula, Montana

Date well started: July 1, 1972

Type of well: Drilled

Equipment used: Churn drill

Water Use: Domestic

**Estimates Annual Withdrawal**

Size of Drilled Hole: 6" I.D.

Pipe: 6 5/8" UL

Static water level:

Pumping water level:

Kind of perforations:

None

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

**Indicate Location of Well and Place of Use, If Possible. Each Small Square Represents 40 Acres.**

Driller's Signature

Driller's Address

License No.: 173

Show exact depth of bottom

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STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner

Address

Date well started

Date well completed

Type of well

Equipment used

Water Use:

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Top of Ground

Driller's Log

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

Owner

Address

Date well started

Date well completed

Type of well

Equipment used

Water Use:

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

ESTIMATED ANNUAL WITHDRAWAL

Top of Ground

Driller's Log

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Charles W. Howard, of 3039 So. 5th W., Missoula
   (Name of Appropriator) (Address) (Town)
   County of Missoula, State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

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: Jan 3, 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 Appropiateor.
Form No. 18
8-60

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Driller</th>
<th>Address</th>
<th>Date Started</th>
<th>Date Completed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Austin Jackson</td>
<td>3433 13th St.</td>
<td>John Doe</td>
<td>13th St.</td>
<td>not known</td>
<td>not known</td>
</tr>
</tbody>
</table>

Location: Sec. 9 T. 13 N. R. 26 W. 4 sec. 7th Sect. of

Type of well: Domestic ☑  Municipal ☐  Stock ☑  Irrigation ☑

Water use: Domestic ☑  Municipal ☐  Stock ☑  Irrigation ☑

Industrial ☐  Drainage ☐  Other ☐

Casing: Type: Size

Perforated or Screened: Ft. to Ft. Size

Type of screen or perforations

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

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

Pumping water level: feet at gal. per min.

How tested:

Length of test:

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

I have been here nine years, and the party I bought it from did not have the well put in, so I am unable to answer these questions on the one or the other side.

Austine Jackson Jacobson
## Log of Well

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

- [Log of Well](#) -

8798-50

1-
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Declaration of Vested Groundwater Rights

1. Name of Appropriate: John Smith
   Address: 123 Main St, Missoula
   Town: Missoula
   County of Missoula
   State of Montana

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: April 1, 1961, used continually

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

5. If used for irrigation, give the acres and description of the land to which water has been applied and name of the owner thereof: 1/2 acre - for lawn and garden, Dorothy Smith, 123 Oak St

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: April 1, 1961

8. The depth of water table: About 10 feet

9. So far as it may be available, the type, size and depth of each well, or the general specifications of any other works for the withdrawal of groundwater: 50 feet deep, Driven well, 1/2 inch pipe

10. The estimated amount of groundwater withdrawn each year: 525,000 gallons

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

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: John Smith
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 Appraiser.

20-2-45
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  

Notice of Completion of Groundwater Appropriation Without Well  
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: ____________

Owner: ____________

Address: ____________

Contractor (If any): ____________

Address of Contractor: ____________

Date Started: ____________  Date Completed: ____________

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 8-10 ft pipe in ground. Water rises to 5 ft from surface.  

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use.  

Signature of Owner: ____________

Date: ____________

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

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

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

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

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

1. Emma L. Kuhl  
   (Name of Appropriator)
   of 5604 S. 5th East  
   Missoula  
   (Address)
   (Town)

County of  
Missoula  
State of  
Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
   On and before June 5, 1944.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
   Completion before 1944

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  
   3 g. min. -- 3 miners inches

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  
    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  
    Rock 16 S. Dods, Page 382.

Signature of Owner  
Emma L. Kuhl  
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 Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: August 8, 1966

Owner: Harder A. Kuhl
Address: 5024 9th St. E.

Contractor (if any): None
Address of Contractor: None

Date Started: None
Date Completed: None

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

Sub-irrigating and free-flowing

Indicate point of appropriation and place of use, if possible.

Signature of Owner: Harder A. Kuhl
Date: Dec. 81-63

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
I received and filed this instrument the 3rd day of March, 1926, in the Clerk's Office of Muscatine County, State of Iowa.

Witness my hand:

[Signature]

Feb 1, 1926

F. C. [Signature]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 237 Montana Session Laws, 1961)

File No. DUPLICATE

County

Date of Appropriation of Groundwater: August 2, 1968

Owner: Sam H. Kuhl
Address: 5504 So., 6th Ave.

Contractor (if any): None
Address of Contractor: None

Date Started: None
Date Completed: None

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use Unlimited and used continuously, if more.

Signature of Owner: Charles A. Kuhl
Date: Dec. 31, 63

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
215373

Copy

I received and filed this instrument for record on the 19th day of March, A.D. 1923, at 1:50 p.m., according to the laws of the State of Montana.

Witness my hand:

[Signature]

E. W. Bowers, Clerk

County of

City of

State of Montana

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

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

1. Name of Appropriator
   (Address) (Town)

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.
I received and filed this instrument for record on the 21st day of Dec., 1867.

By

[Signature]

For 8... 18... Paid.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Robert K. and Geraldine L. McKenzie, 3932 So. 7th St. W., Missoula, Montana

State of Montana

COUNTY OF MISSOULA

I, Robert K. and Geraldine L. McKenzie, 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: Domic
t Stock + Irrigation - Continuous

2. The date or approximate date of earliest beneficial use: 1953 Domestic, Stock Watering + Irrigation - Continuous

3. The amount of groundwater claimed (in gallons per minute): 50 to 50

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: 2 ACRES - Garden + Lawn

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric Pump - Gas Engine Sprinkling System - Surface Well 4-7-13 FEB

6. The depth of water table: 10 FEET FROM GROUND LEVEL

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: UNKNOWN - BEFORE 1953

8. The depth of water table: 10 FEET FROM GROUND LEVEL

9. So far as may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: APPROXIMATELY 40 FEET

10. The estimated amount of groundwater withdrawn each year: 50,000 to 60,000 GALS.

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: NONE

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.

Robert K. McKenzie
Date: Dec. 27, 1963

Signature of Owner

1927
I received and filed the above instrument record on the 24th day of August, 1827, at 6 o'clock, A.M., permanent file of Missouri County, State of Missouri, in the office of Martin E. Dickey, County Recorder, and in my hand.

Martin E. Dickey, County Recorder

Act of Nov., 1827.
**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:** Robert E. Mitchell  
**Address:** 205 Howard St.  
**Missoula, MT**  
**File No.:** 38268  
**Date Filed:** June 19, 1972  
**GW No.:** 1

**Well started:** March 18, 1971  
**Well completed:** March 19, 1971

**Type of well:** drilled  
**Equipment used:** churn  
**Water Use:** Domestic:☐  Municipal:☐  Stock:☐  Irrigation:☐  
**Industrial:☐  Drainage:☐  Other:☐ Garden/Lawn ☐

*Describe:*  
**USA:** 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 Unit</th>
<th>Rate of Flow</th>
<th>Top (Ft)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot; G.D.</td>
<td>[5-6/8]</td>
<td>[60ft.]</td>
<td>[17 lbs.]</td>
</tr>
</tbody>
</table>
| [N] Static water level: 12. ft.  
Pumping water level: 30 ft.  
[30] gallons per minute, measured 60 minutes after pumping began.  
*Measured from ground level.  
Well developed by FIBER.  
Power: 45hp.  
Pump: 125cu. ft.  
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:** Fred E. Hauser  
**Driller's Address:**  

**LICENSE NO.: 193**

**Top of Ground (Est. above sea level):**

<table>
<thead>
<tr>
<th>Field</th>
<th>Ell.</th>
<th>ToFt</th>
<th>Field</th>
<th>Ell.</th>
<th>ToFt</th>
</tr>
</thead>
<tbody>
<tr>
<td>GL 12</td>
<td>Sand &amp; Gravel</td>
<td>12'14</td>
<td>Surface, sand &amp; gravel</td>
<td>45' 31</td>
<td>Sand &amp; Gravel</td>
</tr>
<tr>
<td>GL 81</td>
<td>Sand &amp; Gravel</td>
<td>81' 41</td>
<td>Sand &amp; Gravel</td>
<td>31' 61</td>
<td>Sand &amp; Gravel</td>
</tr>
<tr>
<td>GL 41</td>
<td>Sand &amp; Gravel</td>
<td>41' 61</td>
<td>Sand &amp; Gravel</td>
<td>——</td>
<td>——</td>
</tr>
</tbody>
</table>

**60 ft. Show exact depth of bottom:**  

50,654
2294  3/18/26

[Handwritten text in a small box, likely a signature or note]

[Another handwritten text, possibly a date or a record number]
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Name of Appropriate</th>
<th>County of</th>
<th>State of</th>
</tr>
</thead>
<tbody>
<tr>
<td>Parker Lawrence</td>
<td>Missouri</td>
<td>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: Irrigation.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 250.

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, describe.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric, 50 ft.

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: 10 ft. from ground level.

9. So far as may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 50 ft., Drop C, Steel Casing.

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

11. The log of formations encountered in the drilling of each well if available: 100 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: 1940.

Signature of Owner: Lawrence A. Parker
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 Approprietor.
I received app. filed this instrument for record on the 20th day of May 1951 at 10:00 a.m. in the office of the Recorder of Mesilla County, State of New Mexico, and entered of record as permanent title.

WITNESS my hand

[Signature]

Recorder

Fe 5-%Ph. 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. Lennie D. Peterson, of 8, 3rd W., Missoula
   (Name of Appropriator) (Address) (Town)
   County of Missoula State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based ________________
   domestic use, livestock

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

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Begun 1-25-42 and completed 2-3-42

8. The depth of water table ____________
   39 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 ft. drilled, steel casing, 39 ft. deep with electric pump

10. The estimated amount of groundwater withdrawn each year ________________
    479,200 gal.

11. The log of formations encountered in the drilling of each well if available
    5 ft. soil, gravel, sand
    23 ft. bedded sand, some clay
    8 ft. gravel, sand, clay
    3 ft. coarse sand and gravel

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

Signature of Owner: ________________________________
Date: December 11, 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 Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

**Date of Notice of Appropriation of Groundwater:**

**Date well started:**

**Date Completed:**

**Type of Well:**

**Equipment Used:**

**Water Use:**

**Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc.**

**Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.**

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size of Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot; ID</td>
<td>15 lb</td>
<td>0'</td>
<td>78'</td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing Well:** 12 feet

**Shut-in Pressure for flowing Well:**

**Pumping Water Level:** 18 feet at 40 gal. per minute.

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

**How Test Completed:**

**Length of Test:**

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

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

- Show exact depth of bottom.

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

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)

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
<th>County</th>
<th>State</th>
<th>Date of Appropriation</th>
</tr>
</thead>
<tbody>
<tr>
<td>Erick S. Ruston</td>
<td>3705 Lakeview Dr</td>
<td>Missoula</td>
<td>Missoula</td>
<td>Montana</td>
<td>Jan 1, 1962</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: Irrigation - Farm Animals

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Feb 17, 1945

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Jet Pump, North Central of the area

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: February 17, 1945

8. The depth of water table: 10 ft. of water in well, 10 ft. to 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: 30 ft. deep, 1.5 in. per minute

10. The estimated amount of groundwater withdrawn each year: 17,280 gal per year

11. The log of formations encountered in the drilling of each well if available: Struck sand at 40 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: 

Signature of Owner: Erick S. Ruston

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 for record on the 31st day of JUne, 1912.

Witness my hand: MARTIN J. BOYD, County Recorder

Paid
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1960
(Under Chapter 237, Montana Session Laws, 1961)

Owner: James Regan
Address: Missoula, Montana

Date of Notice of appropriation of groundwater: None.

Date well started: June 17, 1964
Date completed: June 18, 1964

Type of well: Drilled
Equipment used: Cable Tools

Some gravel imbedded in tan clay.

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.

Bottom of hole 59'
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Ernest B. Smith and Grace G. Smith
   of 3616 So. 3rd, Missoula
   (Name of Appropriator) (Address) (Town)
   County ofMissoula 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, livestock and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: June 1904

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Approx. 35 Gal. per minute

5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of owner thereof ACRE, lawn and garden Lot 23 of Dumas Acres Orchard Homes No. 5, Block 169, Deeds Page 315

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric pump approx. 150 ft. from NW corner of lot.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Exact date unknown Approx. June 1904

8. The depth of water table: APPROX. 12 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Electric water - 12 ft. Depth to water.

10. The estimated amount of groundwater withdrawn each year: 22000 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: Necessary to drill about 65 to 70 ft. to obtain pure water.

Signed: Ernest Smith
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.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Ruth Klass Sticht, of P.O. Box 703, Missoula, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

- Name of Appropriator: Ruth Klass Sticht
- Address: P.O. Box 703, Missoula, Montana
- County: Missoula
- State: Montana

2. The beneficial use on which the claim is based: household use and irrigation, lawn & garden.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: year 1961.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 35 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:

- 1 acre located west & north of Tower St.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: December 9th, 1961.

8. The depth of water table: static water (7 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: five inch 1 1/2 black steel water well casing.

10. The estimated amount of groundwater withdrawn each year: 547,500 gallons per six persons.

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

- 0-5 ft. pt: silt, 5-16 ft. loose gravel & cobblestone
- 16-24 ft. gravel in clay
- 24-37 ft. clean coarse gravel & water

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

Signature of Owner: Ruth Klass Sticht
Date: December 31st, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Otto Tietz  Address: 3335 So 3rd W
Driller: By Owner  Address: 3335 So 3rd W
Date of Notice of Appropriation of Groundwater: Nov. 20-63
Date well started: Nov. 20-1963  Date Completed: Nov 20-1963
Type of well: Dug  Equipment Used: Back Hoe
(Churn, drill, rotary or drilled)

Water Use: Domestic  Municipal  Other  Irrigation
Industrial  Drainage  Stock

Fill in blank spaces below:

---

<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>24' con 24' con</td>
<td>8 6' 6' to 10'</td>
<td>6 to 16'</td>
<td>12' 12' Gal</td>
<td>16'</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 7' feet.
Shut-in Pressure for Flowing Well: does not apply
Pumping Water Level: 15' feet at 40 gal. per minute.
Discharge in gal. per min. of flowing well: does not apply
How Tested: present pump  Length of Test: uses does

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

---

Show exact depth of bottom.

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.

15216
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Otto Tiss
Address: 3535 So 3rd W

Driller: By owner
Address: 3535 So 3rd W

Date of Notice of Appropriation of Groundwater: Oct 15-62

Date well started: Oct 15-1962 Date Completed: Oct 15-1962

Type of well: Dug

Equipment Used: Back-Hoe

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

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

Static Water Level for non-flowing Well: 8 ft.
Shut-in Pressure for Flowing Well: Does not apply

Pumping Water Level: 12 ft. feet at 70 gal. per minute.

Discharge in gal. per min. of flowing well: Does not apply

How Tested: Irrigation pump during Test. Irrigating mess

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). 5 acres

By: /s/ Driller's License Number

Driller's Signature

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Otto Dietz
Address: 2603 7th Ave Dr
Driller: John Farwell
Address: 94th St
Date of Notice of Appropriation of Groundwater: Aug 17, 1962
Date Well Started: Aug 17, 1962
Date Completed: Aug 17, 1962
Type of Well: Drilled
Equipment Used: Drilling equipment (dug, driven, bored or drilled)
Water Use: Domestic [X] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other [ ]

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot;</td>
<td>5&quot;</td>
<td>50</td>
<td>60</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 5 feet.
Shut-in Pressure for Flowing Well: Not applicable.
Pumping Water Level: 54 feet at 16 gal. per minute.
Discharge in gal, per min. of flowing well: Not applicable.
How Tested: Balance
Length of Test: 24 hrs.

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

Signature: John Farwell

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
I received and filed this instrument for record on the 22nd day of Aug., 1962, at 11:30 o'clock A.M., permanent title of Missoula County, State of Montana.

Witness my hand:

MARTIN E. BERNIER, County Recorder

By: Monty Moor, Deputy

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

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

Lena C. &/or
Owner: Ernest H. Wolff
Address: Bonner, Montana

Driller: Liberty Drilling Co.
Address: Missoula, Montana

Date of Notice of appropriation of groundwater: None filed
Date well started: 10/13/66
Date completed: 10/17/66

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

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Frac. To</th>
<th>To</th>
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Water rises in the well
9 1/4 feet from surface.

State Water Level for non-flowing well 9 1/4 feet.
Shut-in Pressure for flowing well 40 feet.
Pumping Water Level 40 feet at 70 gal. per minute.
Discharge in gal. per min. of flowing well

How Tested: Air Lift Pump
Length of Test: Three hours
Remarks: (Gravel packing, cementing, packers, type of shutoff). All water entering the well is coming through slot openings in the shop made screen. Wells with screened completions in this area can be depended upon to produce clear sand free of water year after year as long as they are not overpumped, i.e., they
USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e., Lot, Block and Addition).

Approx 21 1/2 acres.

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

Driller's License Number:
Driller's Signature:

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

(Name of Appropriator) (Address) (Town)

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May 3, 1935 Continuous for Domestic Sprinkle use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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: Approximately 10 acres.

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

7. The dates of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: April 1953 - April 1955.

8. The depth of water table approximately 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: A 9 inch electric well, 2 heads, 10 to 12 feet deep, type 20 Miners inches.

10. The estimated amount of groundwater withdrawn each year.

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

12. Such other information of a similar nature as may be useful 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.

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