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

1. Robert M. Vaughn
   (Name of Appropriate)
   Elkhorn
   (Address)
   Route
   (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

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

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, 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

   5" Casing, 60'-80' Deep

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 The estimated amount of groundwater withdrawn each year, 200,000 gal Per ye

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

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

   Signature of Owner, Robert M. Vaughn
   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 Appropriate.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CONSERVATION
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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: Middelboe & Miller
Address: St. 1, Target Range: Missoula, Montana 59801
Date well started: Sept. 23, 1971. GW 1

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

*Describe USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. lot, block and addition).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size and Weight of casing</th>
<th>Depth of casing above g.l.</th>
<th>Kind of perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Size</td>
<td>6&quot;X8&quot;</td>
<td>None</td>
</tr>
<tr>
<td>Weight of casing (pounds)</td>
<td>27 lb</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 22 ft.
Pumping water level: 22 ft.

Power: Does not apply
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: CAMPWELL DRILLING & PUMP SUPPLY
Driller's Address: 1322 8th. 14th W., Missoula, Montana 59801

LICENSE NO: 51

Show exact depth of bottom

49.821
21355

I received and filed the foregoing for record on the 20th day of December, 1929.

State of Missouri

County of Clay

Witnesse me this 20th day of December, 1929

By

[Signature]

Deputy

For 9200.00

Paid
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 enclosed form, the complete location of the well by township, range and section.

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: Kiddesme & Miller
Address: 2627 31/23 55
Missoula, Montana 59802

Date well started: Sept. 23, 1971
Completed: Sept. 24, 1971

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

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled Material</td>
<td>Diameter</td>
<td>(Foot)</td>
<td>(Foot)</td>
<td>Ribs</td>
</tr>
<tr>
<td>6” ID</td>
<td>6” ID</td>
<td>1’</td>
<td>5’</td>
<td>17 lb</td>
</tr>
</tbody>
</table>

Static water level: 22 ft.
Pumping water level: 32 ft.
Water rate: 100 gallons per minute, measured 1 minute after pumping began.

*Measured from ground level.
Well developed by: compressor for 1 hour.
Power: Does not Pumpsupply: 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: 1522 S 14th Ave, Missoula, Montana 59801

LICENSE NO.: 7

Top of Ground (Elev. above sea level)

<table>
<thead>
<tr>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>1</td>
<td>16</td>
</tr>
<tr>
<td>15</td>
<td>22</td>
</tr>
<tr>
<td>22</td>
<td>56</td>
</tr>
<tr>
<td>15</td>
<td>53</td>
</tr>
</tbody>
</table>

Show exact depth of bottom
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE OF MONTANA

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

County of Missoula

STATE ENGINEER

Francis W. Night

4250 Mount Ave., 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: livestock use, irrigating lawn, garden, watering livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: since Sept. 1, 1980, every day.

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: H.F. electric pump, well in northeast corner of basement wall pit.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: May 25, 1969.

8. The depth of water table: 3 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: 5-in. steel casing, forced steel drive, since welded to bottom of casing string.

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

11. The log of formations encountered in the drilling of each well if available: 2-7' l.t., 7' to 13' cobblestones & gravel, 13' to 24' sand & gravel, surface water, 24' to 28' clay & gravel, 28' to 34' sand & fine gravel, 34' to 36' clay, 36' to 46' clay with gravel imbedded, 46' to 61' sand, 61' to 75' sand & gravel, 75' to 90' clay, 90' to 95' sand, 95' to 97' 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: have no other records.

Signature of Owner: Francis W. Night

Date: Nov. 8, 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 7th day of March, 1892, in 11 1/2 o'clock A.M., permanent time of Missoula County, State of Montana.
Witnesses my hand:
MARTIN Z. RENNER, Clerk

[Deputy's signature]

Feb. 1, 1892. Paid
**Notice of Completion of Groundwater Appropriation by Means of Well**
(Under Chapter 237, Montana Session Laws, 1961)

- **Owner:** M. M. White  
  **Address:** 2229 Pleasant Ave

- **Driller:** John Farrell  
  **Address:** Arlee, Mont

- **Date of Notice of Appropriation of Groundwater:**
- **Date Well Started:** June 21, 1966  
  **Date Completed:** June 23, 1966

- **Type of Well:** Drilled  
  **Equipment Used:** Churn Drill

- **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.**

### Drilled Well Information

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Drill</th>
<th>Type of Water</th>
<th>Depth of Water Rises</th>
</tr>
</thead>
<tbody>
<tr>
<td>50&quot;</td>
<td>(50&quot; 1 1/2&quot;)</td>
<td>Domestic</td>
<td>0</td>
</tr>
</tbody>
</table>

- **Static Water Level for non-flowing Well:** 20 ft
- **Shut-in Pressure for Flowing Well:**
- **Pumping Water Level:** 20 ft at 30 gal. per minute
- **Discharge in gal. per min. of flowing well:**
- **How Tested:** Compressor
- **Length of Test:** 1 Hour

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

- **Driller's License Number:** 17
- **Driller's Signature:**

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
I received and filed this instrument at
record on the 7th day of Oct., 1907,
at 2:15 o'clock P.M., in the presence of
Marion County, State of Indiana
Witness my hand:

Vincenzo B. Cross, County Recorder
By: J.B. ——, Deputy
Fee $2.00
Supplemental Form—See Publishing Co., Helena, Montana—4544

File No.

GW 2

Approved blank Form—See Publishing Co., Helena, Montana—4544

DUPPLICATE

LOG

Top of Ground

(Elav. above sea level 5200ft.)

Formations Log:

0 = 2 Black dirt.
2 = 35 Gravel & cobblestones.
3 = 58 Fine sand & gravel.
49 = 49 Gravel imbedded in tan clay.
49 = 37 Fine gray sand.
57 = 66 Fine gray sand & cobblestones.
66 = 70 Clean coarse gravel. Water.

Notice of Completion of Groundwater

Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1961

(Under Chapter 237, Montana Session Laws, 1961)

Robert H. &/or

Owner. Mary Ann Zier

Address: Missoula, Montana

Driller: Liberty Drilling Co. Address: Missoula, Montana

Date of Notice of appropriation of groundwater None filed

Date well started 8/31/68 Date completed 8/31/68

Type of well: Driven Equipment used: Well Driving Rig

(Dug, driven, bored or drilled) (Cone drill, rotary or other)

Water use: Domestic ♦ Municipal ♦ Stock ♦ Irrigation ♦

Industrial ♦ Drainage ♦ Other ♦

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

<table>
<thead>
<tr>
<th>Depth of Drilled Hole</th>
<th>Size and Weight of Cutting</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 6 3/8&quot; x 4&quot;</td>
<td></td>
<td>+2</td>
<td>70</td>
</tr>
</tbody>
</table>

Torch Cut 67 70

Static Water Level for non-flowing well None feet.

Shut-In Pressure for Flowing Well Name __

Pumping Water Level __ feet

at __ gal. per minute.

Discharge in gal. per min. of flowing well

Non-flowing

How Tested: Air Lift Pump

Length of Test: Four hours

Remarks: (Gravel packing, cementing, packer, type of shutoff) All water entering well is coming through perforations in six inch 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 rates not in excess of 1000 gal. per hour or the tested capacity of the aquifer. 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).

West 1/4 Lots 3 & 4, Block A, Schmidt Addition #3

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

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

Driller's License Number

Driller's Signature

4/5, 155
**STATE OF MONTANA**
**ADMIRER 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.

**Zimmerman**
Lloyd L. Zimmerman Jr.

Owner

Address
4328 Mound
4541 Elwood

Top of Ground (Elev. above sea level) 2140

<table>
<thead>
<tr>
<th>From (Ft)</th>
<th>To (Ft)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 2</td>
<td>2 2.5</td>
</tr>
<tr>
<td>2 2.5</td>
<td>2 0.9</td>
</tr>
<tr>
<td>2 0.9</td>
<td>2 5</td>
</tr>
<tr>
<td>2 5</td>
<td>2 9</td>
</tr>
<tr>
<td>2 9</td>
<td>2 0.9</td>
</tr>
<tr>
<td>2 0.9</td>
<td>4 1</td>
</tr>
<tr>
<td>4 1</td>
<td>6 0.6</td>
</tr>
<tr>
<td>6 0.6</td>
<td>6 1</td>
</tr>
<tr>
<td>6 1</td>
<td>4 9</td>
</tr>
</tbody>
</table>

Date well started
May 3, 1972

Date well completed
June 3, 1972

Type of well
Drilled

Equipment used
Hammer

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** 30000.00 gal

<table>
<thead>
<tr>
<th>Month</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- 6" 6" 1/2 1/2" From To (Ft) (Ft)
- 6" 1/2 1/2" 1/2" 1/2"
- 6" 1/2 1/2" 1/2" 1/2"
- 6" 1/2 1/2" 1/2" 1/2"
- 6" 1/2 1/2" 1/2" 1/2"
- 6" 1/2 1/2" 1/2"
- 6" 1/2 1/2"
- 6" 1/2 1/2"
- 6" 1/2 1/2"
- 6" 1/2 1/2"

Static water level .22 ft.
Pumping water level .22 ft.
at 12.1 gal/minute, measured 10 minutes after pumping began.

*Measured from ground level.

**Well developed by**

for 3. hours.

**Power** 50.0 5.0 HP

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

**Driller's Signature**
Ken Richardson Jr.

**Driller's Address**
4404 Mound Ave.

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

**LICENSE NO.**

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

56 Show exact depth of bottom
I received and filed this instrument for record on the 30 day of June, 1922, at 9:30 o'clock A.M., permanent files of Missoula County, State of Montana.

Witness my hand:

Dorothy L. Head, County Recorder

By: [Signature]

Deputy

Fee $5.00 Paid Cash.
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...1964
Owner...James A. Ford...Address...Route 3, Missoula, Mont.
Contractor (if any)...none
Address of Contractor
Date Started...June 10, 1964...Date Completed...Oct. 12, 1964

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Water wheel from a dug site channel of the Missoula River. Electric pump installed in June 1, 1964.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate length of periods of use...100 minutes.

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

Signature of Owner...James A. Ford
Date...Dec. 3, 1963

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.
21/893

I received and filed this instrument for record on the 26th day of December 1893 at 11:30 o'clock A.M., pursuant to law of Minnesotta County, State of Minnesota
Witness my hand:

[signature]
Recorder

[signature]
Deputy

J. C. [signature]
Deputy
宣誓声明

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

1. The amount of groundwater claimed (in miner's inches or gallons per minute): 100 miner's inches

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: 1944, continuous

4. The means of withdrawing such water from the ground: Well, No. 1

5. The depth of water table: 15 ft.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: June 1944, completed Oct. 1944

8. The estimated amount of groundwater withdrawn each year: 1000 gal. per year

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

10. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: Not available

Signature of Owner: JAMES A. FORD
Date: Dec. 21, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
I received and filed the petition, at my record on the 28th day of June, 1963, at 10 o'clock A.M., personal file of Missoula County, State of Montana.

Witness my hand:

W. WALLACE BURRIS, County Recorder
By: H. N. H. -- Recorder

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Alfred and Helen Helshom (Name of Appropriator)
of... (Address) (Town)
County of... (County) State of... (State)

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1953 and Continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 150,000 gallons per year; 100 gallons per minute.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric pump from 2 wells - 6/97 of 5.84 A. M. 25 T 13N R 21W

7. The date of commencement and completion of the construction of the wall, wells, or other works for withdrawal of groundwater: And well - April 1961.

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:

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: Unknown.

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

Signature of Owner: Alfred and Helen Helshom Date: Dec. 30-62

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
OMIT LAST FRAMES
I received and filed this instrument for receiving the $100.00 of M.L. 1963 at the permanent files of Missoula County, State of Montana.
Witness my hand:

Deputy Recorder
By: [Signature]

Paid
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: 1934
Owner: Alfred Horn
Address: P.O. 1, Fayette Range
Contractor (if any): Clyde Mixley
Address of Contractor: P.O. 1
Date Started: 11/24/34 Date Completed: 11/24/34

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

water wheel and
electric pump or river side.
Channel: 13 ft.

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.

20,000,000 gallons measured by
capacity and length of time run:
April through October - yearly.

Signature of Owner: Clyde Mixley
Date: Dec. 30 - 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.
# Declaration of Vested Groundwater Rights

## Under Chapter 237, Montana Session Laws, 1961

### Declaration of Vested Groundwater Rights

**Date:** Jan 3, 1969

**State Engineer**

### Declaration of Vested Groundwater Rights

**1. Name:** Jane Doe

**2. Address:** 1231 Kemp St., Missoula

**3. County:** Missoula

**4. State:** Montana

**5. Declaration:** We, the undersigned, declare that we 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: Jan 3, 1969

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 2 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: Not used for irrigation

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

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

8. The depth of water table: about 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: Hand dug well, about 5 ft. wide, 25 ft. deep, water was taken originally by hand, later by hand pump

10. The estimated amount of groundwater withdrawn each year: Not known. Well at present not in use.

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

**Note:** It is my intention to build my house in this same location, and through the years all reports are that the well was an exceptionally good well. It is my desire to clean it out and put it back into use for my household use.

**Reference:** Reference to book and page of any county record, if available: Original homesteaded by Edward A. Smith, Patent Filed 1/31/89 or 6/3/1900, records P. 234, Book F of Deeds, Warranty Deed

**Signature of Owner:** Jane Doe

**Date:** Dec 31, 1969

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. David R. & Margaret Matti
   (Name of Appropriator)
   Missoula, State of Montana (Address)
   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
      Residences & Yards

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      December 11, 1958
      Constant use

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

   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
      Sprinkle irrigation for years—approximately 1 acre

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      Commencement — December 3, 1958
      Completion — December 4, 1958

   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
      Type — Drilled
      Size — 3" casing
      Depth — 31 feet

   10. The estimated amount of groundwater withdrawn each year
      Unknown

   11. The log of formations encountered in the drilling of each well if available
      0 to 5' —nite
      5' to 14' — Gravel
      14' to 29' — Sand, Gravel, and Clay
      29' to 51' — Sand, Gravel, and Clay
      51' to 56' — Sand, Gravel, and Clay
      56' to 61' — Sand, Gravel, and Clay
      61' to 62' — Sand, Gravel, and Clay
      62' to 63' — Sand, Gravel, and Clay
      63' to 65' — Sand, Gravel, and Clay
      65' to 67' — Sand, Gravel, and Clay
      67' to 92' — Sand, Gravel, and Clay

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

   Signature of Owner: Margaret Matti
   Date: Dec 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.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEPARTMENT OF MONTANA
STATE ENGINEER

Hans E. Jensen

of 1221 Kemp St., 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... Stock water

3. Date or approximate date of earliest beneficial use, and how continuous the use has been. Approximately May, 1912, the well was originally drilled for the Harper (O'Brien Creek) School, School Dist. 99. Intermittent use after School was abandoned.

4. The amount of groundwater claimed (in miner's inches or gallons per minute)...3 gal. per minute by hand pump.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...During year of 1912, impossible to determine exact times.

8. The depth of water table...50 ft. (Approximate)

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, 14 in. Section pipe, 50 ft.

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

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, Deed from Macomber Copper Mining Co. to School District 99, Dated June 15, 1911, Filed July 16, 1911, Recorded in Book 57, of Miners, Page 382.

Signature of Owner:

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.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: September, 1966

Owner: Hana N. Jensen
Address: 1221 Kemp St., Missoula

Contractor (if any): Home, work done by myself.
Address of Contractor:

Date Started: Sept. 1, 1966
Date Completed: Sept. 3, 1966

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

Seepage to surface, spring
Fog out and cleaned out channel to a stock watering hole approximately 20 ft. N. of spring

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.

2 gal. per minute by measure (Gal. measure and pipe)
used for stock water.

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

Signature of Owner: Hana N. Jensen
Date: Dec. 30, 1966

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.
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: Arnold & Gayle Bashara

Address: O'Brien Creek

Missoula, Montana

Date well started: 3-23-73

Date well completed: 3-26-73

Type of well: Drilled

Equipment used: Air Rotary

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

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL: unknown

<table>
<thead>
<tr>
<th>Site of Drilled Hole</th>
<th>Site of Ore of Claims</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>Disp. Size</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
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<tbody>
<tr>
<td>6&quot; 6 3/8 17 lbs. per ft.</td>
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<td>NONE</td>
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</tr>
</tbody>
</table>

Static water level: 100 ft.

Pumping water level: 50 ft.

At 330 gallons per minute, measured 330 minutes after pumping began.

*Measured from ground level.

Well developed by air compressor for 3 hours.

Power: Pump, HP

Remarks: Gravel packing cementing packers, type of shutoff

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

Driller's Signature

Driller's Address: 3726 Mount Ave., Missoula, Montana

LICENSE NO. 249

County: Missoula

440 ft. Show exact depth of bottom
I received and filed this instrument for record on the 15th day of March, 1929, at 2:00 o'clock A.M., permanent files of Missoula County, State of Montana.

Witness my hand:

Doughy L. Head, County Recorder

By: _______________, Deputy

Fee: $_________ Paid
File No. 

DUPLICATE

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Ray DuPuis

916 Judge Dr. 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: Residential

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

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 10,000 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 owner thereof: 10 acres, Garden, Ray DuPuis

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric pump, well located by owner, on lot #8

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: May 25, 1962

8. The depth of water table: About 15 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, 4" casing, 15 ft.

10. The estimated amount of groundwater withdrawn each year: 520,000 gal. water

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 references to book and page of any county record: unavailable

Signature of Owner: Ray DuPuis

Date: 12-30-63

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

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

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

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

1. Robert M. Zionist
   (Name of Appropriator)
   473 W. 8th Ave., 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
      (Residential and Irrigation)

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      (January 1, 1961 - September 15, 1962)

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

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
      (Well at 12 ft. below ground level)

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      (September 15, 1962)

   8. The depth of water table
      (25 ft. at fall of year)

   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 12 ft. deep)

   10. The estimated amount of groundwater withdrawn each year
       26,000 gallons

   11. The log of formations encountered in the drilling of each well if available
       (Well was drilled into 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
       (No other information available)

   Signature of Owner:

   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 Appropriator.
I received and filed the foregoing instrument record on the 6th day of May, 1963, at 10:52 A.M., permanent files of Ninemile County, State of Montana.

Witness my hand:

MARTIN E. BURKE, County Recorder
By:  

Deputy

May 6, 1963
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Verle J. Johnson
Douglas P. Johnson

(Name of Appropriate) (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: Jan. 1, 1961, Daily use since then.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1,000 gal 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: 14,000 sq. ft.,own, 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 24, 1961, start
May 25, 1961, completed

8. The depth of water table: 7' to 12', depending on season

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 4" casing, 56' deep

10. The estimated amount of groundwater withdrawn each year: 300,000 gal.

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

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

Verle J. Johnson

Signature of Owner

Date: Dec. 24, 1963

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

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

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

DEVELOPED AFTER JANUARY 1, 1962

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

Owner: Mr. Walter Remark
Address: ________________

Driller: John Farrell
Address: Ana Montana

Date of Notice of appropriation of groundwater: ________________

Date well started: June 20, 1968
Date completed: June 25, 1968

Type of well: Drilled
Equipment used: Churn Drill

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 (Feet)</th>
<th>Size and Weight of Casing (Feet)</th>
<th>Perforations</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 ft</td>
<td>14 ft</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 25 feet.

Shut-In Pressure for Flowing Well: 50 feet.

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

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

How Tested: Compressor
Length of Test: 30 Min

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

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

(Continue on reverse side)

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).

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, tissue copy to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
I received and filed this instrument for
record on the 23rd day of March, 1907
at 2:30 o'clock P.M., pursuant to the
laws of Minnesota County, State of Minnesota
Witness my hand.

Veronica B. Case, County Recorder
By M.S. Brown, Deputy
Rec. 2:30 A.M.
ADDENDUM

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

Name of owner:     Gordon P. Summers

Corrected land description:    NE 1/4 NW 1/4 NW
                              Sec. 30 T 13 N R 19 W

Initials:      C S

906 Gladys Dr.
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. Gordon P. Summers, of 906 Gladys Drive Missoula, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use: June 17, 1961.

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 thereof: 10 acres, Square Feet: Brown, Flower, Trees, and Garden.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric Vertical Centrifugal Pump. Block 3, Block 3, Block 3, Weber Addition.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Commencement May 16, 1961, Completed June 17, 1961.

8. The depth of water table: 7 to 13 feet depending on season.

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" Poured Well, 48 feet deep.

10. The estimated amount of groundwater withdrawn each year: 309,000 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: Gordon P. Summers
Date: December 17, 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.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **MISSOULA COUNTRY CLUB**
   - (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:

<table>
<thead>
<tr>
<th>Well #1</th>
<th>Well #2</th>
<th>Well #3</th>
</tr>
</thead>
<tbody>
<tr>
<td>150 GPM</td>
<td>450 GPM</td>
<td>250 GPM</td>
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</table>

2. The beneficial use on which the claim is based: Water Needed To Supply All of the Club's Operations

3. Date or approximate date of earliest beneficial use and how continuous the use has been: Continuous Since 1948
   - Well #1: 1948
   - Well #2: 1948
   - Well #3: 1948

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
   - Well #1: 150 GPM
   - Well #2: 450 GPM
   - Well #3: 250 GPM

5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof:
   - Well #1: Approximately 50 Acres
   - Well #2: Approximately 25 Acres
   - Well #3: Approximately 50 Acres

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - Wells 1, 2 & 3 by Impeial-Plunger

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   - Well #1: 1948
   - Well #2: 1948
   - Well #3: 1948

8. The depth of water table:
   - About 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:
   - Well #1: 5" Casing at 20 Feet
   - Well #2: 12" Casing at 100 Feet
   - Well #3: 10" Casing at 50 Feet

10. The estimated amount of groundwater withdrawn each year:
    - 300 Million 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

**MISSOULA COUNTRY CLUB**

Signature of Owner

Date: December 30, 1962

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

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

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

JAN 3 1962

(Under Chapter 237, Montana Session Laws, 1961)

1. Bernice T Abounader
   Address
   Town
   County of Missoula
   State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Nov. 1934

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 1960

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: Property acquired through kinship from Evalena O'Leary, released 1940

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. Raymond A. & Marjorie H. Costar, of 4521 South Ave West, Missoula
(Name of Appropriator) (Address) (Town)

County of Missoula State of Montana

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

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<th>N</th>
<th>W</th>
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</tr>
</tbody>
</table>

Orchard Homes No. 6, Lots 102 & 103

1. The beneficial use on which the claim is based: domestic, house, livestock, lawn, shrubbery and field crops, incl. garden

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: ground water from well has been drawn since 1867 A.D., without break

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

4. The means of withdrawing such water from the ground and the location of each well, or other means of withdrawal: Presently by electrically operated pump. Formerly by hand, suction pump & rope & bucket

5. The depth of water table: Twenty-one (21) feet from surface

6. The log of formations encountered in the drilling of each well if available: First 30 ft. gravel, followed by 10 ft. of water-laden sand, followed by 30 ft. of dry, hard sand; followed by 6 ft. of hardpan clay, underlain by coarse gravel containing the lower water table which rises to within 21 ft. of the surface in present well

7. The estimated amount of groundwater withdrawn each year: In amt approx 10 million gallons

8. The type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: The present well is machine-drilled to a depth of 106 ft., and is cased with 6-inch steel casing. The original well, completed in 1887, was 26 ft. deep and 1 x 1 ft square, lined with fir timbers

9. The estimated amount of groundwater withdrawn each year: In amt approx 10 million gallons

10. The log of formations encountered in the drilling of each well if available: First 30 ft. gravel, followed by 10 ft. of water-laden sand, followed by 30 ft. of dry, hard sand; followed by 6 ft. of hardpan clay, underlain by coarse gravel containing the lower water table which rises to within 21 ft. of the surface in present well

11. The depth of water table: Twenty-one (21) feet from surface

12. Such other information of a similar nature as may be useful in carrying out the policy of this act including reference to book and page of any county record: Missoula County Book 1, Page 150

T.4na ft. 1963

Signature of Owner: Raymond A Costar

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 12th day of July 1963 at 9:30 a.m., in the office of the Recorder of Wells County, State of Indiana, Witness my hand:

By:

Wells County Recorder

Deputy

May 20, 1963

Field
ADDENDUM

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

Name of owner: Donald & Shirley Delaney

Corrected land description: T15N R20W

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

1. DONALD L. DELANEY and SHIRLEY O., of Box 785, MISSOURI
   (Name of Approporator) (Address) (Town)
   County of MISSOURI, State of MONTANA

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Prior to 1958 - Has been continuous since that date.

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: Lot One Hundred Thirty-Four (134) of Orchard Home Company's Additon No. 6, in Missouri, County, Montana, 5 acres, Owners: Donald L. Delaney and Shirley O. Delaney, his wife.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Two drilled wells, both on south end of 5 acre plot of ground.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: One well prior to 1958, one well completed September, 1961.

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: Old well, drilled well, 6 inch casing, about 50 feet deep, 5 H.P. pump. New well, drilled well, 6 inch casing, about 50 feet deep, 5 H.P. pump.

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

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

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

Signature of Owner: Donald L. Delaney
Date: December 30, 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.
I received and filed this instrument for record on the 31st of December 1963 at 6:30 o'clock in the morning, permanent file of Missoula County State of Montana.
Witness my hand.

County Recorder

By: Ethel Lane, Deputy

Donald L. Delaney and Shirely Delaney, each

Missoula, Montana

December 30th, 1963

Ethel Lane, 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. DONALD L. DELANEY and SHIRLEY D. DELANEY, his wife,
   (Name of Appropriate) (Address) (Town)

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

<table>
<thead>
<tr>
<th>North</th>
<th>East</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. The beneficial use on which the claim is based. Irrigation and domestic water.

2. Date or approximate date of earliest beneficial use; and how continuous the use has been. Prior to 1958 - Use continuous since that date.

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

4. If used for irrigation, give the average and description of the lands to which water has been applied. Prior to 1958 - No land used.

5. The manner of withdrawing such water from the ground and the location of each well or other means of withdrawal. Two drilled wells, both on south end of 5 acre plot of ground.

6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. One well prior to 1958. One well completed September, 1961.


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

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. None.

Signature of Owner.

Date December 30, 1968.

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  
STATE ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  

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

1. Richard V. Olson  
   (Name of Appropriator)  
   of Olson Drive  
   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:  
   Residential and irrigation.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute):  
   1,000 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:  
   Acres under irrigation = 10 acres pasture land  
   Owned by Appropriator.

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:  
   1962.

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:  
   Drilled well - 5" casing - 120 feet deep.

10. The estimated amount of groundwater withdrawn each year:  
    37,500,000 gal. 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:  
    No other information available to my knowledge.

Signature of Owner:  
Date: December 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.
I received and filed this instrument for record on the 26 day of April 1966 at 11:45 a.m. pursuant to the Code of Montana at Richland County, State of Montana.

Witness my hand:
MARTIN K. DICKER, County Recorder
Date: 5-8-66
Plead
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1902
(Under Chapter 237, Montana Session Laws, 1961)

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

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

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

---

Date well started: June 22, 1966
Date completed: June 25, 1966

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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, tissues 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

License No.
Driller's License Number

41,349
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: Y. S. Backman
Address: Sun Dew Road

Date well started: February 26, 1972
Date completed: May 12, 1972

Type of well: X
           (Open, driven, bored or drilled)
Equipment used: X
                (Open drill, rotary or other)

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>Depth of casing</th>
<th>Routed to</th>
<th>Erie of Pump</th>
<th>Depth to</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;  6&quot;  17 # 0</td>
<td>94</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 8' 8" ft.
Pumping water level: 40' 0" ft.
at 650 gallons per minute,
measured minutes after pumping began.
*Measured from ground level.

Well developed by compressor
for 2 hours.
Power: Pump HP

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

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

Driller's Signature: \[Signature\]
Driller's Address: Arlee Yard

LICENSE NO: 14

Top of Ground (Eer. above sea level)

<table>
<thead>
<tr>
<th>Depth (ft.)</th>
<th>Top of Ground (below sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>6&quot; black soil</td>
</tr>
<tr>
<td>6&quot;</td>
<td>brown sand</td>
</tr>
<tr>
<td>20'</td>
<td>sand &amp; gravel</td>
</tr>
<tr>
<td>20' 30'</td>
<td>boring sand &amp; water</td>
</tr>
<tr>
<td>30' 40'</td>
<td>sand &amp; gravel &amp; water</td>
</tr>
</tbody>
</table>

Show exact depth of bottom