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 B. Curry of Route 62 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
   household and irrigation needs of family.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Continuous beneficial use since 1947.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 30 gal/min.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Well located at NW corner.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1947 Approx.

8. The depth of water table: Estimated 30-40 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled well; 87 feet deep; 6 inches.

10. The estimated amount of groundwater withdrawn each year: Unknown: Estimated 2000 gal.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.

Signature of Owner: Robert B. Curry
Date: June 14, 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.
I received and filed this instrument for record on the 11th day of June 1944 at 10 o'clock A.M., in the permanent files of Merrick County, State of Nebraska.

Witness my hand,

[Signature]

By: [Signature] Deputy

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

1. O. K. Estates, of R.P. 3 Missoula, Montana
   (Name of Appropriator) (Address) (Town)

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

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

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

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

5. If used for irrigation, give the average 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 motor and pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: April, 1965
   Water is taken from Pattee Creek and springs on premises.

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:

10. The estimated amount of groundwater withdrawn each year: 365 miner's inches

11. The log of formations encountered in the drilling of each well if available:
   No well drilled

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

Signature of Owner: ____________________________
Date: July 26, 1966

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
I received and filed this instrument for record on the 24 day of July, 1964, at 1:55 o'clock P.M., after presentment filed by the State of Montana. Witness my hand:

Vernon P. Cephas, Family Recorder
By: Earl N. Smith, Deputy

Fee: $5.00 Paid Cash.
ADDENDUM

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

Name of owner: Harold Hochhalter

Corrected land description: NE1/4 SE1/4 NE Sec. 1

Initials: AJ (S. side *homes to *Mizpah)
Declaration of Vested Groundwater Right
(Under Chapter 237, Montana Session Laws, 1961)

1. Harold Haddix
   (Name of Appropriator)
   of R.D. (Address), RINNEMY, MONT.

County of: RINNEMY
State of Montana

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

2. The beneficial use on which the claim is based:
   --- Domestic and lawn and garden irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   --- August 1, 1960. Continuous.

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

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:
   --- 3.6 acres. John H. Haddix.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   --- Jet pump. (2/4-12).

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   --- 7/25/60 commenced; 7/29/60 completed well.

8. The depth of water table:
   --- 63'2" from surface.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   --- 6 inch well 255 ft deep.

10. The estimated amount of groundwater withdrawn each year:
    --- 2,500,000 gallons.

11. The log of formations encountered in the drilling of each well if available:
    --- 2-4 ft. 6-18 gravel and cobbles embedded in fine clay, 16-44. Dark gray clay with some gravel interbedded, 33-46. Tan sandy clay with gravel mixed in, 46-241. Alternate layers of tan sandy clay and dark gray clay with some scattered gravel mixed in, 249'-253. Course sand and fine gravel - later.

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: John H. Haddix
   Date: Dec 30, 1962

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

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

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

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

(Name of Appropriator) (Address) (Town)

County of: State of: 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 fathoms 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: 1/3/63

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

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

Date of Appropriation of Groundwater: October 10, 1969
Owner: THOMA HOUEN
Address: Missoula, Montana
Contractor (if any): (None)
Address of Contractor: 
Date Started: Oct 15, 1969 Date Completed: Jan 15, 1969

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Spring - boxed in and
piped: 50 gal. per minute flowing

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.

use for domestic and irrigation purposes

X - point of appropriation
use is for irrigation and domestic purposes on SW 0.24 and SW 0.36

Signature of Owner: "THOMA HOUEN"
Date: 12/23/69

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.
Copy

Received December 21, 1805

Said Tract of Land

Witnesse is hereunto

Signed

Deb

For $100.00

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...June 2, 1964

Owner: Vernon Hoven
Address: Missoula, Montana

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. Spring boxed in with cement; pipes run to irrigation outlet
and to buildings ____________________________

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: 250 gal. per minute. Use of horse troughs,
site of pipes for irrigation, and average

X - point of appropriation
use is on 5% of section
for home use in Missoula

Signature of Owner ____________________________
Date 12/28/63

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

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

1. Mark J. & Marguerite E. Jakobson, c/o Rte. 3, Pattee Canyon, Missoula, Mont.
   (Name of Appropriator)
   (Address) (Town)
   County of Missoula State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: August 27, 1956, continuous seasonal irrigation

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 1.5 acres surrounding well
   same owner

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 6" steel casing 2 hp pump (Location on map)

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Well completed August 26, 1956 by Liberty Drilling Co.

8. The depth of water table: Static level 23' from surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 107 ft, drilled well, 6" steel casing 2 hp pump

10. The estimated amount of groundwater withdrawn each year: 250,000 gallons

11. The log of formations encountered in the drilling of each well if available: 0-61' dirt and gravel, 6-53 clay and sand, 51-72 red shale, 72-85 yellow shale, 85-96 sand and water, 96-99 tan sandstone and water, 99-107 gray sandstone and 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: Mark J. Jakobson
Date: April 9, 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 Appropriator.
I received and filed this instrument for record on the 16th day of April, 1868, at 9 o'clock A.M., permanent time, of Missoura County, State of Missouri.

Witness my hand:

Vernon R. Cates, County Recorder.

By: __________, Deputy

Fee $10.00.
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: Donald Kempen
Address: P. O. Box 320049
Missoula, Montana 59803

Date well started: March 12, 1968
completed: March 12, 1968

Type of well: Drilled
Equipment used: Churn Drill

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

Describe:

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Hole</th>
<th>Size and Depth of Cutting</th>
<th>Front</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; ID</td>
<td>6&quot; ID 17 lb above</td>
<td>150 ft</td>
<td></td>
<td>none</td>
</tr>
</tbody>
</table>

Static water level: 735 ft.
Pumping water level: 145 ft.

at 12 gallons per minute, measured minutes after pumping began.
*Measured from ground level.

Well developed by Ball & Ten Pump for hours.

Power: 5 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

Show exact depth of bottom

LICENSE NO. 7
I received and filed this Instrument for record on the 23rd day of December, 1912, at 12:12 p.m., at the Clerk's office, in the office of the Recorder of Mineral County, State of Montana.

Witness my hand.

William B. Greaves, County Recorder
By E. S. C. Assistant Deputy
For S. H. Cook, Clerk.
**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 Lucas  
**Address:** 400 Parkside Lane, Missoula, Montana

**Date well started:** May 4, 1962  
**Date well completed:** May 19, 1962

**Type of well:** Drilled  
**Equipment used:** Chum drill

**Water Use:** Domestic

---

**Estimated Annual Withdrawal**

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of casing</th>
<th>Length</th>
<th>Kind of</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; l.d.</td>
<td>6&quot; l.d. 17 lb/ft. above g.l.</td>
<td>120'</td>
<td>burnt</td>
<td>130</td>
</tr>
<tr>
<td>8&quot; l.d.</td>
<td>8&quot; l.d. 16 lb/ft.</td>
<td>120'</td>
<td>g.l.</td>
<td>160</td>
</tr>
<tr>
<td>14&quot; l.</td>
<td></td>
<td></td>
<td>Burnt</td>
<td></td>
</tr>
</tbody>
</table>

**Static water level:** 112 ft.  
**Pumping water level:** 138 ft.  
**Power:** 1 HP

*Measured from ground level, measured 3% minutes after pumping began.

**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.

---

**Driller's Signature:**

---

**Driller's Address:** 1202 14th W., Missoula, Montana

**LICENSE NO.:** 7

---

**Top of Ground (Eye above sea level)**

<table>
<thead>
<tr>
<th>Form (Feet)</th>
<th>Top (Feet)</th>
<th>Patio Canyon</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>26</td>
<td>Toe clay and gravel</td>
</tr>
<tr>
<td>26</td>
<td>85</td>
<td>Toe clay and gravel</td>
</tr>
<tr>
<td>85</td>
<td>28</td>
<td>Toe clay and gravel</td>
</tr>
<tr>
<td>28</td>
<td>88</td>
<td>Toe clay and gravel</td>
</tr>
<tr>
<td>88</td>
<td>21</td>
<td>Cobblestone gravel</td>
</tr>
<tr>
<td>21</td>
<td>42</td>
<td>Cobblestone gravel</td>
</tr>
<tr>
<td>42</td>
<td>40</td>
<td>Cobblestone gravel</td>
</tr>
<tr>
<td>40</td>
<td>44</td>
<td>Cobblestone gravel</td>
</tr>
</tbody>
</table>

---

**Show exact depth of bottom:** 160 ft.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

OWNER: Donald Miller
Address: Pattee Canyon

DATE OF NOTICE OF APPROPRIATION: April 5, 1968

DATE COMPLETED: April 10, 1968

Notice of Completion of Groundwater Appropriation by Means of Well

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

<table>
<thead>
<tr>
<th>Depth of Drilled Hole</th>
<th>Size and Weight of Collar</th>
<th>Force (Ft)</th>
<th>To (Ft)</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; I.D.</td>
<td>6&quot; I.D.</td>
<td>16&quot; above G.L.</td>
<td>120'4&quot;</td>
<td>None</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 102 feet.

Shut-in Pressure for flowing well: 30 pounds.

Pumping Water Level: 105 feet.

Discharge in gal. per min. of flowing well: 20 gal. per minute.

How Tested: Test Pump

Length of Test: 1 hour

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

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.

License: 87

Driller's License Number

Driller's Signature: Glenn Camp

44,593

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, same copy to be retained by driller.

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

License 

Driller's License Number

Driller's Signature: Glenn Camp

44,593
I received and filed this instrument for record on the 1/2 day of __________, 19__
and do hereby certify that the same has been recorded in the public records of
Missouri County, State of Missouri.
Witness my hand:
Verbena A. C. Morrison, County Recorder
By __________ Deputy
Fee $__________ Paid
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 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: JOHN SPRING
Address: 8 3 PATTE CANNON, 2229 S 18843, MISSOULA, MONTANA
Date well started: JULY 15, 1962, 10:00 a.m.
Date well completed: JULY 22, 1962

Type of well: DRILLED
Equipment used: CHUCK
Water Use: Domestic XX Municipal D Stock D Irrigation D
Industrial D Drainage D Other D Garden/Lawn D

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

<table>
<thead>
<tr>
<th>Size of Bore</th>
<th>Size and Weight of Drilling</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 X 5/8&quot; OD</td>
<td>17 lbs. 1/4&quot; steel level</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| 6 X 5/8" OD  | 17 lbs. 1/4" steel level    |      |    |

Static water level: 92 ft.
Pumping water level: 117 ft.

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: signed
Driller's Address: 1556 S. 5th W., MISSOULA, MONTANA

LICENSE NO. 151

118 ft. Show exact depth of bottom

LICENSE NO. 151
I received the file of this instrument
in the County Court of:

Town of:\n
County of:\n
State of:\n
County of:

State of:

County of:

State of:

County of:

State of:

County of:

State of:

County of:

State of:

County of:

State of:

County of:

State of:

County of:

State of:

County of:

State of:

County of:

State of:
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Well at Pattee Canyon

Owner: Dr. E. E. Tennyson Jr. Address: 2300 Glasgow

Date of Notice of Appropriation of Groundwater: 7/1/64

Date well started: 7/1/64

Type of well: Drilled

Equipment Used: Churn drill

Date Completed: 7/1/64

Type of well: Drilled

Equipment Used: Churn drill

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

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

<table>
<thead>
<tr>
<th>Strata Met With</th>
<th>Character</th>
<th>Thickness</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 to 30&quot; Clay &amp; broken rock</td>
<td></td>
<td></td>
</tr>
<tr>
<td>30&quot; to 70&quot; Brown clay, gravel &amp; some water</td>
<td></td>
<td></td>
</tr>
<tr>
<td>70&quot; to 81&quot; Water, sand &amp; gravel</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well...

Shut-in Pressure for Flowing Well...

Pumping Water Level...

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

How Tested...

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

Total depth drilled 81' 4" of open hole

Below the casing. Total drilled depth & cased 77'

License No. 7

Driller's License Number

Driller's Signature

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

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

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

Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: David A. Rammy
Address: Pottee Canyon

Driller: D. L. Snow
Address: Wisconsin, Montana

Date of Notice of Appropriation of Groundwater: Sept. 12, 1962

Date Well Started: Sept. 12, 1962

Date Completed: Date of Notice of appropriation of groundwater:

Type of Well: Drilled

Equipment Used: Churn Drill

(Drill, driven, bored or drilled) (Churn drill, rotary or other)

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

Industrial [ ] Drainage [ ] Other [ ]

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

---

Static Water Level for non-flowing well

Draindown: 17 ft

Shut-in Pressure for Flowing Well

Pumping Water Level: 20 ft

Discharge in gal. per min. of flowing well: 58.2 gal.

How Tested: Test: 3 hrs

Length of Test: 3 hrs

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

---

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

---

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

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

License No.

Driller's Signature

Drilling: Pump Supply

A 5/732
I received and filed this instrument for record on the 7th day of April, 1967, at 1:22 o'clock, A.M., permanent time, in the Missoula County, State of Montana.

Witness my hand:

[Signature]

County Clerk

[Signature]

F. M. W. M. E. B. C. W. C.

[Signature]

U.S. Post Office

[Signature]

[Signature]
**Notice of Completion of Groundwater Appropriation Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Date of Appropriation of Groundwater</th>
<th>October 1961</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>David B. Towner</td>
</tr>
<tr>
<td>Contractor (if any)</td>
<td>None</td>
</tr>
<tr>
<td>Address of Contractor</td>
<td></td>
</tr>
<tr>
<td>Date Started</td>
<td>October 1961</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Not Applicable</td>
</tr>
<tr>
<td>Describe means of obtaining groundwater without a well <strong>&quot;as by sub-irrigation and other natural processes&quot;</strong> Include depth to water when applicable. <strong>Used for watering stock, not for spring</strong></td>
<td></td>
</tr>
<tr>
<td>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. <strong>Used for livestock</strong></td>
<td></td>
</tr>
</tbody>
</table>

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

<table>
<thead>
<tr>
<th>SE</th>
<th>NW</th>
<th>Sec.</th>
<th>T</th>
<th>R</th>
<th>M</th>
<th>W</th>
</tr>
</thead>
<tbody>
<tr>
<td>5E</td>
<td>4W</td>
<td>2</td>
<td>T</td>
<td>12</td>
<td>N</td>
<td>1</td>
</tr>
</tbody>
</table>

Signature of Owner: David B. Towner

Date: Jan 31, 1961

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)

Ray L. Wohlsdorfer, 208 Canyon Road, Missoula
(Name of Appropriator) (Address) (Town)

County of Missoula State of Montana
(file No. 1912)

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. Residential

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

3. The amount of groundwater claimed (in miner's inches or gallons per minute) ____. gal./min.

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

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

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

7. The depth of water table. 30 feet

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

9. The estimated amount of groundwater withdrawn each year. 1600 gal.

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

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

12. Signature of Owner

Date: Dec. 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; TriPLICATE to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1948
Owner: Frank P. Wahlke
Address: Potter Canyon

Contractor (if any): None
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.

1. Natural Spring 110 ft from dwelling
2. Natural Spring under dwelling

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.

Lady’s-Intermittent

$\frac{1}{2}$ gal per min (Total) x 10 hrs/day

$\frac{1}{2}$ year = 144.08 gal. per y.

Signature of Owner: Frank P. Wahlke
Date: Dec. 31, 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1982
(UNDER CHAPTER 237, MONTANA SESSION LAWS, 1961)

Owner: Dr. Geo. Bochmayr
Address: Pattee Canyon
1922 S. 74th St.

Driller: Glenn Camp
Address: Missoula, Montana

Date of Notice of appropriation of groundwater: Aug. 7, 1986
Date well started: Aug. 7, 1986
Date completed: Aug. 10, 1986

Type of well: Drilled
Equipment used: Churn drill (Churn drill, bored or drilled)
Water use: Domestic D Municipal D Stock D Irrigation D
Industrial D Drainage D 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 Drilling</th>
<th>Feet</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; I.D.</td>
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<tr>
<td>6&quot; I.D.</td>
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<tr>
<td>17 lb per ft</td>
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<tr>
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<td>6&quot; I.D.</td>
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</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 2.65 feet.

Sgt-In Pressure for Flowing Well: 20 lbs/sq in.
Pumping Water Level: 69 feet
Discharge in gal. per min. of flowing well: 
How Tested: Test Pump
Length of Test: 2 hours
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Show exact depth of bottom.

License # 7
Driller's License Number: Glenn Camp
Driller's Signature: Glenn Camp

4-2-66
2668 X6

I received and filed this instrument for record on the 19 day of June 1967,
and A. Showalter, D.M., permanent Title Register of Missoula County, State of Montana.
Witness my hand:

Phineas E. Clouse, County Auditor.

By:

Deputy

(Handwritten note: Paid)
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

George K. Baranyar, and
Dorothy K. Baranyar

(Name of Appropriator) (Address) (Town)

County of Missoula State of Montana

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

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

2. Date or approximate date of earliest beneficial use; and how continuous the use has been October 1953, and has been used continuously since then.

3. The amount of groundwater claimed (in miner's inches or gallons per minute). Approximately 24 gallons per minute.

4. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not used for irrigation.

5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   Drilled well with Jacobsen pump. Well is located 500 feet from house in W 1/4 of Sec. 3, township 12 north, Range 19 West.

6. The date of commencement and completion of the construction of the well, well, or other works for withdrawal of groundwater.
   Well was drilled October 1954, but wellhouse was not completed until October 1955, and Jacobsen pump was not installed until October 1955.

7. The depth of water table 95 feet.

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

9. The estimated amount of groundwater withdrawn each year 50,000 to 55,000 gal. per yr.

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.

   Warranty deed for land on which the above described well is located is located in Book 176, Page 226 of Missoula County records.

Signature of Owner

Date: Dec. 21st, 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.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

George H. Barmeyer and Dorothy B. Barmeyer, of Pattee Canyon, Missoula.

Counties: Missoula State: 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, domestic, and some irrigating.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1950 — continuous use since that time.

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:

6. The means of withdrawing 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: Approximately 1950.

8. The depth of water table: 7 to 9 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Dug well, 3-foot diameter, approximately 10 to 15 feet deep.

10. The estimated amount of groundwater withdrawn each year: 36,000 gal per year.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: Warranty deed for land on which this well is located, is in Book 210, Page 600, of the Missoula County Records.

Signature of Owner: George H. Barmeyer
Date: Dec. 31, 1962.

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

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

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.

J.S. 

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

1. **Mr. L. and Joyce S. Cimino** (Name of Appropriator) of **Pattee Canyon, Missoula** (Address) (Town) County of **Missoula**, State of **Montana**, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is **domestic and for irrigation** (describe lands to be benefited, if for irrigation)

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

   104 gallons plus per min.

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

   365 days a year

5. The probable or intended date of first beneficial use

   August 1963

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

   August 1963 started and completed

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

   **New home site in Pattee Canyon drilled 6½ inches top 130 foot depth**

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

   105 ft.

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

   **Liberty Drilling and Pump Co., Box 830, Missoula, Montana**

10. Give such other similar information as may be useful

    in carrying out the policy of this act

    [Diagram]

    **SE 1/4 Sec. 2, T. 18 N., R. 19 W.**

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

    Signature of Appropriator

    **Date**: December 31, 1963

* As defined in the Code Sec. 1 (c) “Well” means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is 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.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater...July 1962...

Owner...Joyce D. Cimino...

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.

Surface water

Pump and ditch

Hand irrigation

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...50-gal. per min.

365 days to water stock and irrigate

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

Signature of Owner...

Date...December 31, 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.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Evelyn S. Cox
Walter B. Cox

(Name of Appropriator) (Address)

County of Missoula State of Montana

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

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

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)... Miners

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...

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 October 19, 1865, in the office of the Recorder of Mineral County, State of Montana.

Witness my hand.

MARTIN S. RICH, County Recorder.

Deputy Rec. - 1865.

[Signature]
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: December 31, 1962
Owner: E. D. C. Address: Missoula, Mont.

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. Sub-irrigation and surface springs (2) Undeveloped

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.

Intermittent - about 6-8 days each year

Married water flow permit x

12 X 3/16 year 2 million gal per year

Signature of Owner: 
Date: December 31, 1962

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; Triplet to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropiorator.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1961

(Under Chapter 237, Montana Session Laws, 1961)

Driller: Glenn Camp 1223, 3rd St. Address: Missoula, Montana

Drilled: 5/7/67 to 5/17/67

Date of Notice of appropriation of groundwater: 6/28/67

Date well started: 5/7/67

Date completed: 5/17/67

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.

Static Water Level for non-flowing well 20 feet.

Shut-in Pressure for Flowing Well 50 feet

Pumping Water Level 60 feet

Discharge in gal. per min. of flowing well

How Tested: Diller & Camp

Length of Test 25 hrs

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

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

(Continue on reverse side)

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

Show exact depth of bottom.

License #7

Driller's License Number: Glenn Camp

Driller's Signature: Glenn Camp

Date: 4/2/67

42.165
I received and filed this instrument in the record of the 19th day of July, 1972, at 1:30 o'clock, P.M., pursuant to the laws of Missoula County, State of Montana.
Witness my hand:

[Signature]

[Title]

[Date]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

(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.

Robert C. & Jane E. McDaniel
Owner
Pattee Canyon
Missoula, Montana

Date well started 1/11/73
Date well completed 1/17/73

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

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

10,512,000 gallons

Pumping water level 25' ft.
Static water level 20' ft.

Flowing at 120 gallons per minute
measured 10 minutes after pumping began.

Well developed by Air Lift Pump

Dewater Pump: 150 HP

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

Seal Tip Follower is welded to bottom of six inch casing.

Anulus between six & eight inch surface pipe cont'd

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

EACH SMALL SQUARE REPRESENTS 40 ACRES.

LIBERTY DRILLING COMPANY

Driller's Signature

Driller's Address 2500 Reserve Street

Missoula, Montana 52443

License No. 52
is grouted with four sacks of cement. All water entering well from cracks and seams in the rock below 423 feet.

Note: 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 50 to 60 percent of the tested capacity of the aquifer.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: June 28, 1915
Owner: Fred T. Parmelee
Address: 511 North Avenue, West
Contractor (if any): No Contractor

Private Property

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. Specifically two springs and any other water arising in this area and running into main stream.

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.

Approximately 3 inches of water on two main springs plus any other water arising on this land.

Signature of Owner: Fred T. Parmelee
Date: December 31, 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.
I received self-tenant the hereinafter described Real Estate, to wit: A Lot in the city of Butte, County and State of Montana.

Witness my hand:

[Signature]

P. J. Welsh
County Recorder

[Date]

[County]

[State]

[Number]
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: January 1, 1960

Owner's Address: 101 W. Main

Contractor (if any): self

Address of Contractor: same

Date Started: approx. 1960. Date Completed: approx. 1960

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

spring to stock tanks

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.

Approx. 350 gpm used all year.

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

Signature of Owner: 

Date: Dec 19, 1961

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

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

1. [Name of Appropriator], of [Address], 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 — ![Diagram of beneficial use](image)

3. Date or approximate date of earliest beneficial use; and how continuous the use has been — Approx. 1890

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal — Gravity flow from bottom of well to lower ground at house and tanks

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater — Approx. 1890

8. The depth of water table — 35 - 20 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater — Approx. 15 ft. deep

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

11. The log of formations encountered in the drilling of each well if available — At 25' gravel and 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 — Rez. Land acquired from Favors Development Co. — 1963

Signature of Owner: [Signature]
Date: [Date]

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(under chapter 237, Montana Session Laws, 1961)

George E. Weissel, Jr. & Angela Weissel, of Butte Canyon, Missoula
County, Missoula, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. Name of Appropriator: George E. Weissel, Jr. & Angela Weissel
2. Address: Butte Canyon
3. County of Appropriator: Missoula
4. State of Montana
5. The beneficial use on which the claim is based: Stock watering and irrigation
6. Date or approximate date of earliest beneficial use; and how continuous the use has been: April 1952 and used continuously since
7. The amount of groundwater claimed (in miner's inches or gallons per minute): Variable from 1 gal to 50 gal per minute
8. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Water pipe 100 feet from near spring source, gravity fed
9. The date of commencement and completion of the construction of the well(s), or other works for withdrawal of groundwater: Pumps placed in April 1952
10. The depth of water table: From spring
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 to carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner: [Signature]
Date: 16 Sept 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 ___ day of Sept., 1963
at 3:15 o'clock P.M., permanent file
of Minnowa County, State of Montana.
Witness my hand.

MARTIN D. JENISCH, County Recorder
By: REGGIE M. MILLER, Deputy
  Fee $ 2.00  Paid.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

File No. T 12 S. R. 10 E.
County. Missoula

SEP 23 1963

D. F. Neale, Jr. & Annalee Neale,
of. Betteray, Missoula

(Name of Appropriator)

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

1. The beneficial use on which the claim is based

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

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

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

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

7. The depth of water table

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

9. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner

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.