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: Roy D. Erickson
Address: 6474 Ottogville

Date well started: April 1970
Well completed: April 1970

Type of well: dug

Equipment used: (Cham drill, rotary or other)

Water Use: Domestic            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

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>Well</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Hole</td>
<td>Diameter</td>
<td></td>
<td></td>
</tr>
<tr>
<td>6&quot;</td>
<td>6&quot;</td>
<td>30</td>
<td>25</td>
</tr>
</tbody>
</table>

PERFORATIONS

<table>
<thead>
<tr>
<th>Riffle Size</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>36X2</td>
<td>30</td>
<td>25</td>
</tr>
</tbody>
</table>

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

Power: Pump...
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: Roy D. Erickson
Driller's Address: Route 4, Pilot Butte

Show exact depth of bottom

LICENSE NO.: 55329
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

John F. Evans

(Name of Appropriator)

P.O. Box 661

(Address)

Carson City

(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: Farming

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: April 26, 1942, and used continuously.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: The Point Addition Date 1416

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: April 21, 1942, April 26, 1942.

8. The depth of water table: 30 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 1/8 in., 80 ft., thread, 9 gage.

10. The estimated amount of groundwater withdrawn each year: 194,700 gallons.

11. The log of formations encountered in the drilling of each well if available: Natural 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: Book 14, page 52, Clerk's Recorder Office.

Signature of Owner: John F. Evans

Date: May 28, 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 School of Mines and Quadruplicate for the Appropriator.
I received and filed this instrument for record on the 13th Day of March, 1900, of the permanent files of Mineral County, State of Montana. Witness my hand.

MARTIN S. BEINES, County Recorder

By: John A. Read, Deputy

Fee $2.00 Paid
Missoula County
Office of the
Clerk and Recorder
Martin S. Behner
Clerk and Recorder

March 2, 1962

Mr. Fred E. Buck
State Engineer
Sam W. Mitchell Bldg.
Helena, Montana

Dear Sir:

We are returning Declaration of Vested Groundwater Rights properly signed by Mrs. Ellen I. Evans as requested in your letter of February 28, 1962.

Very truly yours,

[Signature]
Martin S. Behner
County Clerk and Recorder

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

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1981)

STATE ENGINEER

1. Lee Fleming, or Box 132, Milltown, 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: Household, sprinkling, & irrigation.

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

   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: Lots 3-4-5 Blk 6 Peterson Add.

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: April 7th 1943 — April 1-4, 1943.

   8. The depth of water table: 38 feet.

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled - - type, 6" pipe - - size, 66' feet - - depth.

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

   11. The log of formations encountered in the drilling of each well if available: 68' casing.
       0' to 5', top soil, sand & gravel - 5' to 30', sand, clay, some large gravel - 30' to 63', clay, fine sand, gravel, trace of water - 63' to 68', gravel, sand, and good water. Strata: Water rises 38' in casing; 10 gallons per minute.

   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:

       Russell
       Driller: Emmett Mowbray, Driller's Registration No. 152

       Signature of Owner: Lee Fleming
       Date: 11-15-42

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
I received and filed this instrument for record on the 23 day of December, 1912, of M. permanent title of Minnie C., County, State of Montana.

Witness my hand:

MARTIN B. BRISTOL, County Recorder
By Charles P. Linn, Deputy

$5.00 paid
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODES

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1969)

1. John P. Geary and Blanche Mabel Geary
   (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 use and irrigation.

   3. Date or approximate date of earliest beneficial use and how continuous the use has been: June, 1940 - Continuous since that date.

   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 land to which water has been applied and name of the owner thereof:
      A lot 120 ft. by 120 ft. which is Lot 6 of the Paul C. Tongue Plat.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
      By well with a 30" casing, well located under the house on the land described.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
      Started in May, 1940 and completed in June, 1940.

   8. The depth of water table: 25 feet below 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:
      Well with 10" casing and electric pump.

   10. The estimated amount of groundwater withdrawn each year: 4,500,000 gallons.

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

   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record for a more particular description of the land involved see Deed recorded in Book 108 of Deeds, page 5, Records of Missoula County. The well is located in said Lot 6.

   Signature of Owner: Blanche Mabel Geary
   Date: December 19, 1963

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

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

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

Owner: Laos E. Gill
Address: Butte, Montana

Driller: Mr. Osborne
Address: Missoula

Date Started: June 15, 1957
Date Completed: June 25, 1957

Location: Sec. 27, T.13N, R.18W, 4th sec.

Type of Well: Drilled

Equipment Used: Speedspud drill

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

Industrial [ ]  Drainage [ ]  Other [ ]

Casing: 6 in. to 15 ft. Type of Well Drilled: 19.1 ft.

Casing: 15 ft. to 20 ft. Type

Casing: 20 ft. to 25 ft. Type

Perforated or Screened: 25 ft. to 30 ft.

Type of Screen or Perforations: Gravel

Static Water Level, for non-flowing well: 30 ft.

Shut-In Pressure, for flowing well: 1 lb./sq. in. on: (date)

Pumping Water Level: 30 ft. feet at: gns. per min.

How Tested: Never tested

Length of Test: 

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

None used

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0 - 10</td>
<td>Gravel &amp; Boulders</td>
</tr>
<tr>
<td>10 - 14</td>
<td>Gravel &amp; Sand</td>
</tr>
<tr>
<td>16 - 23</td>
<td>Boulder &amp; Bobble Bottom Clay</td>
</tr>
<tr>
<td>23 - 25</td>
<td>Fine gravel &amp; sand</td>
</tr>
<tr>
<td>25 - 31</td>
<td>Tar Clay &amp; fine gravel</td>
</tr>
<tr>
<td>31 - 53</td>
<td>Tar Clay</td>
</tr>
<tr>
<td>53 - 64</td>
<td>Sand &amp; fine gravel &amp; clay</td>
</tr>
<tr>
<td>64 - 65</td>
<td>Fine Sand</td>
</tr>
<tr>
<td>65 - 70½</td>
<td>Gravel &amp; Water</td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. (Name of Appropiator) Claredge E. Slay of Miltona, Mont.
   (Address)
   County of Mussaqua
   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, Irrigation, and Stock Water.

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

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

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

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

8. The depth of water table: 27 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   Drilled, 5 m. casing, 70 ft.

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 references to book and page of any county record:

   Signature of Owner: Claredge E. Slay
   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 Appropiator.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Clarence C. and Catherine Heck
Address: Butte, Montana

Driller: John Farrell
Address: Arlee, Montana

Date Started: July 19, 1959
Date Completed: July 3, 1959

Location: Sec. 27 T. 13 R. 18 1/4 sec. 12

Type of well: (Dug, driven, bored, or cased)
Equipment used: (Cement, drill, rotary, other)

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

Casing: 0 ft. to 6 ft. [X] Type: Steel [X] Size: 5 in.
Casing: 6 ft. to 77 ft. Type: Size:
Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. to Ft. to Ft.

Type of screen or perforations:

Static Water level, for non-flowing well: 30 feet.
Shut-in pressure, for flowing well: lb./sq. in. on: July 3, 1959

Pumping water level: 50 feet at gal. per min. 15

How tested: Driller

Length of test: 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>0</td>
<td>6</td>
</tr>
<tr>
<td>6</td>
<td>56</td>
</tr>
<tr>
<td>56</td>
<td>60</td>
</tr>
<tr>
<td>60</td>
<td>65</td>
</tr>
<tr>
<td>65</td>
<td>77</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** Barney Hegdal  
**Address:** Bonner, Montana

**Driller:** Okesa Drilling Co.  
**Address:** Butte, Montana

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

Date well started: June 3, 1964.  
Date completed: June 5, 1964.

**Type of well drilled:** Churn drill

**Equipment Used:** Churn, drill, rotary or other

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

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

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

<table>
<thead>
<tr>
<th>Depth (Feet)</th>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>0'-62'</td>
<td>6&quot;</td>
<td>6&quot; 19&quot;</td>
<td>0'</td>
<td>62'</td>
<td>Cutting Torch 57&quot; 62&quot;</td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing Well:** 23 feet.

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

**Pumping Water Level:** 25 feet at 30 gal. per minute.

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

**How Tested:**

<table>
<thead>
<tr>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>Length of Test 14 hrs.</td>
</tr>
</tbody>
</table>

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

**Driller's License Number:**

**Driller’s Signature:**

**File No.:**

**Duplicate:**

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

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.

38483
I received and filed this Instrument for record on the 21 day of Apr. 1969 at 12:00:18 AM at the Clerk's Office of the City of Missoula, State of Montana.
Witness my hand.

Yvonne R. Cooper, County Recorder
By: [Signature] Deputy
Fee: $20.00 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

LOFFORD O. or RUTH E. HINTZ
(Owner)

County of MISSOULA
State of MONTANA

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

2. The beneficial use on which the claim is based
   HOUSEHOLD AND IRRIGATION

3. Date or approximate date of earliest beneficial use; and how
   continuous the use has been AUG. 1935 continuous

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

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
   Hand dug through gravel

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
   drawal of groundwater Aug. 1935

8. The depth of water table 12 feet to water

9. So far as it may be available, the type, size and depth of each well or the general specifications of any
   other works for the withdrawal of groundwater 16 ft. deep 16' casing 4'ft. water

10. The estimated amount of groundwater withdrawn each year 50,000 gal.

11. The log of formations encountered in the drilling of each well if available
   hand dug through gravel

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

Signature of Owner: Clifford O. or Ruth E. Hintz
Date 12-18-63

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, state so 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 to the Appropriator.
I received and filed this instrument for record on the 30th day of June, 1932, at 10:15 o'clock A.M., in the Missouri County, State of Montana.

Witness my hand:

MARTIN M. MUMFORD, County Recorder
Missouri County

Pam 6, 1932. Paid
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Anton Iversen
Address: Pilgrimville, Mont.

Driller: Elmer Camp
Address: Missoula

Date of Notice of Appropriation of Groundwater:

Date well started: 8/13/62
Date completed: 8/14/62

Type of well: Drilled
Equipment Used: Churn Drill

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Drilling</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5&quot;</td>
<td>5&quot; L.D. 14 lbs</td>
<td>1'-7&quot; above P.</td>
<td>1'-11&quot;</td>
<td>5&quot; Perforations</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 15' from G.L. feet.
Shut-in Pressure for Flowing Well: 20 feet at 75 gal. per minute.

Discharge in gal. per min. of flowing well: 1200 gal.
How Tested: Compressor
Length of Test: 2 hours

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

Driller’s License Number
E. M. Camp

Driller’s Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
I received and filed this instrument for record on the 24th day of October, 1912, at 2:30 o'clock A.M., pursuant to the laws of Minnesotta, State of Minnesota.
Witness my hand:

MARTIN S. BERNER, County Recorder

Py. D. B. A., Deputy

11-4-12 2.30 P.M.
**WATER WELL LOG**

**Owner**: Carl L. Johnson  
**Address**: Pilsenville, Montana

**Driller**: Glenn Semp  
**Address**: Missoula, Montana

**Date Started**: July 10, 1961  
**Date Completed**: July 21, 1961

**Location**: Section 4, T. 13 N., R. 18 W.

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

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

**Casing**: 10" above SST level to 49'-10" ft.  
**Type and length**: Screened  
**Size**: 5" I.D. 14 lbs to foot

**Casing**: _____ ft. to _____ ft.  
**Type**: _____  
**Size**: _____

**Casing**: _____ ft. to _____ ft.  
**Type**: _____  
**Size**: _____

**Perforated or Screened**: Ft. _____ to Ft. _____  
**Type**: _____  
**Size**: _____

**Type of screen or perforations**: 

**Static Water level, for non-flowing well**: 30 feet.

**Shut-in pressure, for flowing well**: _____ lb./sq. in. on: 

**Pumping water level**: 30 feet at: 15 gal. per min.  
**No drawdown**

**How tested**: Bailer

**Length of test**: 2 hours

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

Put in exact location and file with the County Clerk & Recorder (all 3 copies)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>6&quot;</td>
<td>Pit</td>
<td></td>
</tr>
<tr>
<td>6&quot;</td>
<td>20&quot;</td>
<td>Sand &amp; Gravel</td>
<td></td>
</tr>
<tr>
<td>20&quot;</td>
<td>30&quot;</td>
<td>Silty Sand &amp; Clay (water at 25' with Sand)</td>
<td></td>
</tr>
<tr>
<td>30&quot;</td>
<td>40&quot;</td>
<td>Sand &amp; Gravel</td>
<td></td>
</tr>
<tr>
<td>40&quot;</td>
<td>41&quot;</td>
<td>Sand &amp; Milt</td>
<td></td>
</tr>
<tr>
<td>41&quot;</td>
<td>55&quot;</td>
<td>Gravel &amp; Sand (water)</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

**Top of Ground**
(Elev. above sea level__________)

<table>
<thead>
<tr>
<th>0 to 6' Pit</th>
<th>6' to 20' Gravel &amp; Clay</th>
<th>20' to 31' Heavy gravel &amp; clay</th>
</tr>
</thead>
<tbody>
<tr>
<td>31' to 50' Water, sand, gravel &amp; clay</td>
<td>50' to 55'6&quot; Water, sand</td>
<td>A gravel</td>
</tr>
</tbody>
</table>

**Notice of Appropriation**

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address &amp; Zip Code</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carl Johnson</td>
<td>Pilotville, Mont. 705 Alder, Montana</td>
</tr>
</tbody>
</table>

**Date of Notice of Appropriation of Groundwater**
3/30/64

**Date Well Started**
3/30/64

**Date Completed**
4/2/64

**Type of well**
Churn Drill

**Equipment Used**
(Churn, drill, rotary or other)

**Water Use**
Domestic □  Municipal □  Other □  Irrigation □
Industrial □  Drainage □  Stock □

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

**Static Water Level for non-flowing Well**
52' from 0.00 feet

**Shut-In Pressure for Flowing Well**

**Pumping Water Level**
35 feet at 10 gal. per minute.

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

**Compressor**

**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) 2.627 acres

**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.**

38183
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Erna V. (Peterson) Jorgensen, of Romar, Missoula
   County 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, -
   garden, fruit, and shade trees.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 30 gals 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: None

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

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

8. The depth of water table: Twenty 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, 6 in casing, 50 feet deep

10. The estimated amount of groundwater withdrawn each year: 19,769,400 gals

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

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

Signature of Owner: Erna V. (Peterson) Jorgensen
Date: 12/31/63

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

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

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

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

File No. T. 13 R. 18
County Missoula

1. OTTO KART, HENNA KART, AGNEH BURREN, of BOX 5, MILLTOWN, 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, farm, garden, livestock, chickens.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: approximately year 1913, in use ever since as far as is known.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: not applicable.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: electric pump located in about center of acreage.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: year 1913 as far as is known.

8. The depth of water table: 30 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: drilled well, 99 feet deep.

10. The estimated amount of groundwater withdrawn each year: approximately 4 million gallons.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: book of deeds at page 437 records of Missoula County, Montana, which said deed is shown upon sheet no. 31 hereof.

Signature of Owner: [Signature]

Date: Dec. 5, 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 my record on the ... at 2:30 o'clock P.M., permanent time of Mullan County, State of Montana.

Witness my hand.

MARK SOS. LEVNER, County Recorder

By: ______________________________ Deputy

Paid ___________________________ Paid
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Harold N. Larson
   (Name of Appropriator)  of  Bonner
   (Address)  (Town)

   County of ___  State of ___

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

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

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 40 GPM.

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

   6. The means of withdrawing 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: March 1943.

   8. The depth of water table: 100 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: 250,000.

   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: 12-21-63

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.
I received and filed this instrument for record on the 21st day of June, 1883, in the office of A. M. Armstrong, clerk of Mineral County, State of Montana. We have my hand.

[Signature]

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

Kenneth Lyette

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 date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1895 - 1940

2. The beneficial use on which the claim is based. Household yard, garden, orchard, etc.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1895 - Continuous

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

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

N.W. 1/4 Sec. 27 T. 13 R. 18

Kenneth & Virginia Lyette

7. The depth of water table. Unknown

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. 25,000,000 gallons

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. Kenneth Lyette

Date 12/31/63

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

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

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

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

1. A. Burton and Marie H. John, of (Fitzville), Bonner, Box 132
   (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. For household purposes, lawn and vegetable garden.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Well drilled in 1944; in continuous use since then.

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

   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. One acre. Location as indicated by "x" in diagram. Owner as named above.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 1/3 H.P. Jet pump, located in basement of residence.

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

   8. The depth of water table. Unable to determine.

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Shallow well, approximately 30 ft deep.

   10. The estimated amount of groundwater withdrawn each year. Unable to determine.

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

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

   Signature of Owner: A. Burton John
   Date: 12-3-43

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

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

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

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

State of Montana

County of

Received

Nov 7 1963

State Engineer

Declaration by Ray Long

(Name of Appropriator)

(Address)

(Town)

County of

State of

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

2. The beneficial use on which the claim is based

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

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

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

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

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner

Date

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
I received and filed this instrument for
record on the 5 day of March, 1976
and said filings are open to the public
of Missoula County, State of Montana
Witness my hand:
MARTIN D. BEHNER, County Recorder
By Admin. D. BEHNER, Deputy
Fee 1.50
Paid

2/26/31
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

JOHNSON, CARL T. + Made L of
BONNER

County of
T. S. A. State of
MONTANA

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute)...27 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...

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...Electric water pump on lot 7

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

8. The depth of water table...

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

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

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

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

Signature of Owner...

Date...

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
I received and filed this instrument for record on the 21st day of December 1917 at 9:20 A.M. and recorded the same in Book A in the Town of Mutual, State of Wisconsin.

Witness my hand:

[Signature]

By: [Signature]

[Notary Public]

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

Melvin M. Haddan
(Name of Appropriator)

of

P. O. Box 555
(Address)

Dollner
(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 Water for three (3) homes

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Continuous since 1915

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: None

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: About 1925

8. The depth of water table: 45 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: 6" Casing, 60 ft. Deep

10. The estimated amount of groundwater withdrawn each year: Water for three homes with laws; about 4 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

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)

CLARENCE A. & MARY J. MILLS, of BOX A-77, BONNER

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 32 feet

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: 3.14 acres

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 1 horse Juonzi pump

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

8. The depth of water table: UNKNOWN

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: well depth 65 ft., 5" casing, 32 ft. water

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

Signature of Owner: Clarence A. Mills
Date: December 19, 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 28th day of March 1886, at 10 o'clock A.M., in the office of the Register of Wills, Montana County, State of Montana.

Witness my hand:

MARTIN L. BURRIS, Register.

Deputy

Rec'd 19th Day of April 1886.

Pd
Formations Log:

- 0 - 59 Ft. & old dug well.
- 59 - 45 Sand & Gravel.
- 45 - 57 Sand & gravel imbedded in tan clay.
- 57 - 61 Fine silty sand.
- 61 - 63 Fine sand & gravel. Some sandy water.
- 63 - 65 Clean coarse gravel. Water.

Date of Notice of appropriation of groundwater: None filed.

Date well started: 10/10/66; Date completed: 10/12/66.

Type of well: Drilled. Equipment used: Cable Tools.

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.

Water rises in the well 26'6" from surface.

Static Water Level for non-flowing well 46'3" feet.

Shut-in Pressure for Flowing Well 38 feet.

Pumping Water Level: 58 feet at 100 gal. per minute.

Discharge in gal. per min. of flowing well 1500 gallons.

How Tested: Air Lift Pump.

Length of Test: 1/4 hour.

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

Block 3, Plat V., Hilltowne Addition.

Show exact depth of bottom.

Bottom of hole 65'.
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: George M. Otto
Address: Denison, Montana
Well location: Pittville
Date well started: Sept. 1, 1970
Completed: Sept. 2, 1970
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 Strata</th>
<th>Press (Feet)</th>
<th>To (gallons)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6(\times)6</td>
<td>6(\times)6, 1(\times)1</td>
<td>17 ft above</td>
<td>50*</td>
</tr>
</tbody>
</table>

*Measured from ground level.
Well developed by ... for ... hours.
Power: ... Pumps: ... 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: "..."
License No: "..."
Show exact depth of bottom: 47960
I received and filed this instrument to record on the 25th day of January 1870 at 1:10 o'clock, A.M., per sonalใช้ of Mease County, State of Missouri.

Witness my hand.

Vernon B. Crooks, County Recorder
By: [Signature]
Deputy

[Seal]
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 Peterson  
   of 440 2nd St. W. Minnasa  
   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 Activity

3. Date or approximate date of earliest beneficial use, and how continuous the use has been:  
   1917-Continued  
   1934

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:  
   Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:  
   Dec. 20, 1917 and purchased by owner Dec. 28, 1963

8. The depth of water table:  
   1917

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:  
   [Information not present]

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:  

Signature of Owner:  
Alfred Peterson  
Date: Dec. 28, 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.  
15281
I received and recorded this instrument for record on the 30th day of June, 1919, at 10:30 A.M., county recorder of Missoula County, State of Montana. Witness my hand:

MARK X. SMITH, County Recorder

Deputy

[Signature]

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

Top of Ground: Approx. (Elev. above sea level -3364-

0 - 6 Well pit
6 - 13 Gravel and cobblestones mixed in ten silty clay
13 - 59 Ten silty clay. Some gravel mixed in
59 - 63 Silty gravel. Scoops of water
63 - 78 Fine sand and some fine gravel. Some water
78 - 81 Clean course sand and gravel. Water. Water rises to 37 feet from surface.

Box 157
Owner: Roy & Leta Vick
Address: Willows, Montana
Driller: Liberty Drilling Co.
Address: Missoula, Montana

Date of Notice of Appropriation of Groundwater: None filed
Date well started: 11/22/63
Date completed: 11/14/63

Type of well: Drilled
Equipment Used: Cable tools (Churn, drill, rotary or driled)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Well</th>
<th>Size and Weight of Casing</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 in 6 5/8&quot; OD</td>
<td>117 # ½ ft</td>
<td>-5</td>
<td>81</td>
<td>NONE</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 37 feet
Shut-in Pressure for Flowing Well: Non-flowing
Pumping Water Level: 54 feet at 70 gal. per minute
Discharge in gal. per min. of flowing well: Non-flowing

How Tested: Air Lift pump
Length of Test: 2 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation.) 1/2 forged steel drive shoe is welded to the bottom of the casing. All water entering the well through the open bottom of the six-inch casing.

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

Show exact depth of bottom.

Bottom of well 81 ft.

Driller’s License Number

Driller’s Signature

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

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

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

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODES
OFFICE OF STATE ENGINEER

Adrian A. Walker, of
Bonner
County of Missoula, State of Montana,

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

1. Location of Appropriate*
Address
Town
County of
State of

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been
1949 and used for irrigation and house use

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

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
Harder lawn and house use

Adrian A. Walker

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

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

8. The depth of water table
16 ft top of ground level to top of water

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Well
31 ft deep, electric, half bore point, pump situated in 4 ft. compartment attached to basement of house. Pump situated over concrete shaft to water line.

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available
Had to drill deeper on account of sand

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
Book 4, Page 200, Line 3

Signature of Owner
Adrian A. Walker

Date 12. 24. 62

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
I received and filed this instrument for record on the ..., day of 20__, in the office of J.D., clerk, A.M., permanent files of Missoula County, State of Montana.

Witnes my hand.

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

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

Lake M. & Mattie Harris
(Name of Appropriator)
Route 4, Missoula
(Address)
Missoula, Montana
(Town)
County of Montana
(State)

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

2. The beneficial use on which the claim is based for household use and garden irrigation.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been since that time for household use and garden irrigation.

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 the 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. The well was started and drilled to a depth of feet. The well pipe was driven down approximately feet further. A wall house was constructed over the well.

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

Signature of Owner

Date

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
229 2/5/31

[Handwritten note]

I received the above instrument for record at __________. At __________, present time at Ninawa County, State of Mississippi. Witness: my hand: __________. County Recorder. By __________, Deputy. F: __________. F: __________.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
developed after January 1, 1963
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Ralph S. Norris
Address: Hamilton, Montana

Driller: C.M. Well Drilling Co.
Address: Missoula, Montana

Date well started:
Date completed:

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.

Show exact depth of bottom.

License: 7
Driller's License Number

Driller's Signature: C.M. Well Drilling & Pump Supply
Driller's Date: 4-5684
I received and filed this instrument for record on the 29th Day of April, 1936, at 1:15 P.M. in the office of the County Recorder of Missoula County, State of Montana. Witness my hand.

Montana B. Coxe
County Recorder
By: S. C. Mays
Depot
Fax 1-1-1-0-C-0 Pass
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: John Whiteley
Address: 512, Bonner, Mont.

Driller: Glenn Camp
Address: 1822 3rd Ave., Missoula, Montana

Date of Notice of appropriation of groundwater: 9/17/62
Date well started: 9/17/62
Date completed: 9/17/62

Type of well: Dug, driven, bored or drilled
Equipment used: Churn drill

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

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

License No. 7
Driller's License Number
Driller's Signature

42,363
I received and filed this instrument for record on the 3rd day of June, 1927, at 9 o'clock A.M., permanent file of Missoula County, State of Montana.

Witness my hand:

Vernon R. Coates, County Recorder

[Signature]

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

DEVELOPED AFTER JANUARY 1, 1963
(Under Chapter 237, Montana Session Laws, 1961)

Owner:  ALVIN EPSTON

Driller:  DONALD R. BEEBS

Date of Notice of Appropriation of Groundwater:  APRIL 24, 1968

Date Well Started:  APRIL 24, 1968

Date Well Completed:  APRIL 24, 1968

Type of Well:  Drilled (Dog, Driven, Beaver Pole)

Equipment Used:  Water jet, water screen

Well Use:  Domestic  Municipal  Block  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, sand, etc.  Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Static Water Level for Non-Flowing Well

Shut-In Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested

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.