# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Promissory or Deed**
   - (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 & Livestock Water**

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

   - **4.** The amount of groundwater claimed (in miner's inches or gallons per minute): **350 gallons per min.**

   - **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:
     - Name: **Will H. Allen**
     - Address: **Harrison, Montana**

   - **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: **7 ft.**

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

   - **10.** The estimated amount of groundwater withdrawn each year: **1,600,000 gal.**

   - **11.** The log of formations encountered in the drilling of each well if available:
     - **8 in. Top Soil**

   - **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: Will H. Allen**

   - **Date:** Dec. 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)

STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

1. GUYS MOBILE HOMES INC.
   (Name of Appropriator)
   LOT 1 RUSKY SUBDIVISION
   (Address)
   OF LOLO, MONTANA
   (Town)
   County of MISSOULA, State of MONTANA

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

2. The beneficial use on which the claim is based, DOMESTIC - DOMESTIC - DOMESTIC - DOMESTIC - DOMESTIC -

3. Date or approximate date of earliest beneficial use; and how continuous the use has been, AUGUST 4, 1961 CONTINUOUS

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater, AUGUST 1, 1961 - AUGUST 4, 1961

8. The depth of water table, UNKNOWN WELL IS 50 FT DEEP

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, UNKNOWN

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.

GUYS MOBILE HOMES INC.
Signature of Owner

Date: DECEMBER 26, 1963

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

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

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

Gordon N. and
Owner Anita L. Hill
Address: Vancanton Add., Box 294, Havre, MT 59526

Date well started 6/29/70 GW
completed 7/1/70

Type of well: Drilled

Equipment used: Cable tools

Water Use: Domestic ☐, Municipal ☐, Stock ☐, Irrigation ☑

Industrial ☐, Drainage ☐, Other ☐* Garden/Lawn ☐

*Describe ____________________________________________

USE if used for irrigation, industrial, drainage, or other. Explain, number of acres and location or other data (i.e. Lot, Block and Addition). Lot 9 Vancanton Addition

Approximately 8 ½ acres.

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6 5/8&quot; x</td>
<td>73</td>
<td>N O N E</td>
<td></td>
</tr>
</tbody>
</table>

Static water level 7 ft.
Pumping water level 53 ft.
50 gallons per minute, measured 5 hours after pumping began.

*Measured from ground level.

Well developed by Air Lift pump for 3 hours.

Power: Pump: 1 HP

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

Water entering well is coming through open bottom of six inch casing. Open bottom cont'd

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

Driller’s Signature: ____________________________

Driller’s Address: 2500 Reserve Street

Missoula, Montana LICENSE NO. 52

47397

Count: Missoula

DRILLER’S LOG

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

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Top of Ground</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>3</td>
<td>Black dirty gravel</td>
</tr>
<tr>
<td>1</td>
<td>7</td>
<td>Gravel, imbedded in silt</td>
</tr>
<tr>
<td>7</td>
<td>10</td>
<td>Sandy gravel and some water</td>
</tr>
<tr>
<td>10</td>
<td>31</td>
<td>Sand, gravel and silt</td>
</tr>
<tr>
<td>31</td>
<td>58</td>
<td>Sandy gravel, some water</td>
</tr>
<tr>
<td>58</td>
<td>67</td>
<td>Fairly clean fine gravel, some water</td>
</tr>
<tr>
<td>67</td>
<td>73</td>
<td>Clean coarse sand and gravel, water</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Km From To</th>
<th>Sh. (FMI)</th>
</tr>
</thead>
<tbody>
<tr>
<td>5/8 M</td>
<td>0</td>
</tr>
</tbody>
</table>

Measured from ground level.

Water rises in well 7 ft. to surface.
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

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

1. **Name:** Dorothy C. McIntyre  
   **Address:**  
   **Town:**  
   **County:** Missoula  
   **State:** Montana

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

3. Date or approximate date of earliest beneficial use: **1954**  
   And how continuous the use has been: **everyday**

4. The amount of groundwater claimed (in miner's inches or gallons per minute): **500 gallons per day**

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and names of the owner thereof:
   - **2 acres lawn garden**
   - **Dorothy C. McIntyre**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - **Household water supply for irrigation with electric pump**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **Not known**

8. The depth of water table: **Not known**

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

10. The estimated amount of groundwater withdrawn each year: **152,000 gallons**

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

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

Signature of Owner: Dorothy C. McIntyre  
Date: 12-30-63

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
I received and find the instrument herewith recorded on the 30th day of June 1892 at 12 o'clock A.M. presented unto me, on the premises in Mineral County, State of Wyoming. Witness my hand:

[Signature]

Dr. [Signature]

FM S. A. M.
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

1. Dorothy C. McIntire, 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since 1956 - 4 months of the year.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) - 3,000 gals. per hr.

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. Not known.

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

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: Dorothy C. McIntire
Date: 12-30-63

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
I received and filed this instrument for record on the 20th day of May, 1920, at 3:00 o'clock A.M., permanent time at Missoula County, State of Montana.

Witness my hand:

MARTIN & BURFORD, County Recorder

By: [Signature] Deputy

Fair E., S.D. 1920
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.

<table>
<thead>
<tr>
<th>Owner</th>
<th>Dave Woodendlall</th>
</tr>
</thead>
<tbody>
<tr>
<td>Address</td>
<td>Lolo, Montana</td>
</tr>
<tr>
<td>Date well started</td>
<td>10/01/70</td>
</tr>
<tr>
<td>Date well completed</td>
<td>10/05/70</td>
</tr>
</tbody>
</table>

**Type of well** Drilled  
**Equipment used**  

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

*Describe*  

**USE:** If used for Irrigation, industrial, drainage or other, explain. State number of acres and location or other data (i.e., lot, block and addition).  

**Estimated Annual Withdrawal**  

<table>
<thead>
<tr>
<th>Size of Well</th>
<th>Size and Depth of Screen</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 inch 6in. B.D. 0 86</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level 18 ft, top soil.
Pumping water level 44 ft. 87.80 g.p.m. at 48.4 gallons per minute, measured 80 minutes after pumping began.

*Measured from ground level.  
Well developed by DREDGING for ... 8 hours.
Powered by 3 HP Pump.  
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: Harold K. Backhaus  
Driller's Address: 3026 9th Ave. Mineral, Montana  

**License No.**  

Show exact depth of bottom  

54 ft
I received and filed this instrument for record on the 25th day of __________ 1973.

Dated and sworn to before me this 25th day of __________ 1973.

[Signature] County Recorder

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

Sid M. Ries &
Owners: Virginia E. Ries
Address: Lolo, Montana
Driller: Liberty Drilling Co.
Address: Missoula, Montana

Date of Notice of appropriation of groundwater: Non-Filing
Date well started: 11/1/68
Date completed: 11/5/68

Type of well: Drilled
Equipment used: Cable Tools
(Chiseling, rotary, or other)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Slab and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PREFERENCES</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6 5/8&quot;</td>
<td>+3 4&quot;</td>
<td>70</td>
<td>N O N E</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 20 feet.
Shut-In Pressure for Flowing Well: None.
Pumping Water Level: 42 feet at 50 gal. per minute.
Discharge in gal. per min. of flowing well: Non-flowing

Well Location
How Tested: Air Lift Pump
Length of Test: 50 hours
Remarks: Gravel packing, cementing, packers, type of shutoff. All water entering well is coming through the open bottom of six inch casing. Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped. I.e., they should be pumped at rates not in excess of 30% of the tested capacity of the aquifer. If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

Approx. 2 acres

Show exact depth of bottom.

Bottom of hole 70'

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, time copy to be retained by driller.

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

Driller's License Number

Driller's Signature
**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.

**Donald G. and Joann F. Roe**

Owner

Address .............. File 2922849

Lolo, Montana 

August 12, 1970

Date well started 6/26/70 

Date completed 6/27/70

Type of well Drilled (Blow, driven, bored or drilled)

Equipment used Cable tools (Cable, drill, rotary or other)

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

Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

*Describe:*

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

Lot 8 Vandalust Addition

Approximately 7.5 acres

**ESTIMATED ANNUAL WITHDRAWAL**

<table>
<thead>
<tr>
<th>Size of Drill</th>
<th>Size and Weight of Cable</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>6 5/8&quot; OD x 3/8&quot;</td>
<td>56</td>
<td>NONE</td>
<td></td>
</tr>
</tbody>
</table>

Static water level 516 ft.*

Pumping water level 42 ft.*

at 250 gallons per minute, measured 1 hour after pumping began.

*Measured from ground level.

Well developed by **Air Lift** for 2½ hours. Pump

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

All water entering well is coming through open bottom of six inch casing. Wells in

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

**LIBERTY DRILLING COMPANY**

Driller's Signature

Driller's Address: Missoula, Montana

License No. 52

Top of Ground (Elev. above sea level)

<table>
<thead>
<tr>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>2 Black dirt and gravel</td>
</tr>
<tr>
<td>2</td>
<td>16 Sand and gravel lens bedded in tan silt</td>
</tr>
<tr>
<td>16</td>
<td>24 Sandy gravel and some water</td>
</tr>
<tr>
<td>34</td>
<td>41 Sand, gravel and tan silt</td>
</tr>
<tr>
<td>41</td>
<td>52 Right gravel</td>
</tr>
<tr>
<td>56</td>
<td>36 Clean coarse gravel</td>
</tr>
</tbody>
</table>

Clean water.

56 ft. Show exact depth of bottom water rises in well 516 ft. to surface.
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.

Donald H. and Joanna F. Asa
Owner

Address

Lolo, Montana

Date well started
6/26/70

completed
6/27/70

Type of well Drilled
(Dug, driven, bored or drilled)

Equipment used Cable tools
(Chains, drill, rotary or other)

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

*Describe

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

Lot 8, Strand Addition

approximately 7.3 acres

ESTIMATED ANNUAL WITHDRAWAL

500,000 gal.

Driller's Signature

Driller's Address

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

MISSOULA

COUNTY

MISSOULA

COUNTY

Lolo, Montana

LICENSE NO. 58

56 ft. Show exact depth of bottom

water rises in well 5'6" to surface.

41° 56' 3"
Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. John Walsh, Jr., of Butte, Montana
   County of Montana, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is household, stock, garden, farm, or lease.

3. The rate of use in gallons per minute or miner's inches of groundwater claimed: 300,000 gal. per year.

4. The annual period (inclusive dates) of intended use: April 1 - Dec 31 each year.

5. The probable or intended date of first beneficial use:

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

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

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

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

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

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

Signature of Appropriator:

Date:

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

Three copies of this notice are to be filed with County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

Address: **Bozeman, Montana**

File No.: 456,33659.7

Date well started: **Oct. 25, 1972**

Completed: **Oct. 26, 1972**

Type of well: **Drilled**

Equipment used: **Churn drill**

Water Use: **Domestic**

Water Use: **Garden/Lawn**

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**ESTIMATED ANNUAL WITHDRAWAL:** 3,000,000 gallons

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**PERFORATIONS**

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drill</td>
<td>Width of</td>
<td></td>
</tr>
<tr>
<td>Foot</td>
<td>Catalog</td>
<td></td>
</tr>
<tr>
<td>Foot</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

| 6" | 6" 19/1 up | 60 | |

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**Static water level**

**Pumping water level**

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

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**Driller's Signature:**

**Driller's Address:**

---

**License No.:** 455
I received and filed this instrument for
record on the 23rd day of April, 1979
at 1:30 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand:
Dorothy L. Heid, County Recorder
By: Debra D. Teavee, Deputy
Fee $ 20.00 Paid: __________
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

John L. Veen — Brenda W. Veen
(Name of Appropriator) (Address) (Town)
County of: Montana State of: Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: August 10, 1954. Continuous use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 5 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: None.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: August 15, 1954.

8. The depth of water table: 28 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, 17 ft. deep.

10. The estimated amount of groundwater withdrawn each year: About 15,000 gal per day.

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

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

Signature of Owner: John L. Veen
Date: Dec. 24, 1963

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

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

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

20129
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, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Irma M. Bailey
Address: Lolo, Montana

Driller: Liberty Drilling Co. Address: Missoula, Montana

Date of Notice of appropriation of groundwater: None filed

Date well started: Oct. 19, 1963; Date completed: Oct. 31, 1963

Type of well: Drilled; Equipment used: Cable Tools

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

Notice to 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 the water rises in the well.

**Formations Log:**

- **Top of Ground**: Approx. (Elev. above sea level. 2,285 ft.)
- **0 - 3**: Topsoil
- **3 - 16**: Cobbledstones & gravel mixed
- **16 - 61**: Fine silty sand and gravel
- **61 - 75**: Silty sand & gravel imbedded in clay
- **75 - 91**: Coarse sand & gravel, Water
- **91 - 96**: Cobbledstones & boulders, Water
- **96 - 104**: Tan clay with gravel mixed in

**Water rises in the well 1/4 feet from surface.**

**Well Log:**

- **8″**: OD x 1/8″
- **136″**: 75 Alloy shatter type water well screen
- **A 6 3/8 OD tailpipe with solidly closed bottom extends to 104″

**State Water Level for non-flowing well**: 18″ feet

**Shut-In Pressure for Flowing Wells**: Non-G.

**Pumping Water Level**: 32″ feet at 165 gal. per minute.

**Discharge in gal. per min. of flowing well**: Non-Flowing

**How Tested**: Air Lift Gauge

**Length of Test**: 24 Hours

**Remarks**: Gravel packing, cementing, packers, type of shutoff, all water entering well through slots in screen walls. If this area can be depended upon to produce clear sand free water, year after year as long as well is not overpumped, i.e., they should be pumped at rates not in excess of 50 to 75 percent of the tested capacity, if any. (Continues 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).

**Approx. 52 acres.**

**Also used on part of 46°, 46°N 46°W**

**Driller's License Number**: 1124, R20W

**Driller's Signature**: William E. Cole

**County**: Missoula

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
I received and filed this instrument for record on the 28th day of July, 1868, at 2 o'clock P.M., permanent time, in the county of Missoula, State of Montana, Witness my hand:

Victor H. Green, County Recorder

By: Henry A. Kellogg, Deputy

For: R. D. Kellogg, Prod.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Vernon L. Beattie
Address: Missoula, Montana

Driller: Liberty Drilling Co.
Address: Missoula, Montana

Date of Notice of appropriation of groundwater: None filed

Date well started: 1/18/66
Date completed: 1/19/66

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

Water rises in well 36 feet from surface

Static Water Level for non-flowing well 36 feet.
Shut-In Pressure for Flowing Well None.
Pumping Water Level 45 feet at 50 gal. per minute.
Discharge in gal. per min. of flowing well None.

How Tested: Air Lift Pump
Length of Test: Two hours

Remarks: (Gravel packing, cementing, packers, type of shutoff). All water entering well is coming through the open bottom of six inch casing.

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

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

Driller's License Number

Driller's Signature

40971
I received and filed this instrument for record on the 12 day of April, 1956, at 10:50 A.M., in the permanentfiles of Missoula County, State of Montana.

Witness my hand:

Vernon B. Olson, County Recorder
By: M.F. McClelland, Deputy
Fee $2.00
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(With Chapter 237, Montana Session Laws, 1961)

Owner: Vernon L. Beattie  Address: Missoula, Montana
Driller: Liberty Drilling Co.  Address: Missoula, Montana

Date of Notice of appropriation of groundwater: None filed

Date well started: 3/19/66  Date completed: 3/22/66

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

Water use: Domestic  Municipal  Stock  Irrigation
Industrial  Drainage  Other

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; x 5/8 inch OD x ⅜&quot;</td>
<td>46&quot;</td>
<td>67'</td>
<td>NONE</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

35 feet

Shut-In Pressure for flowing well

Pumping Water Level: 40 feet

at .60 gal. per minute.

Discharge in gal. per min. of flowing well

Non-flowing

How Tested: Air Lift Pump

Length of Test: Two hours

Remarks: (Gravel packing, cementing, packers, type of shutoff). All water entering well is coming through open bottom of six inch casing.

NE Corner 40 Acres:

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

Show exact depth of bottom.

Bottom of hole 67'

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
I received and filed this Instrument for record on the 1st day of January 1911, at 10:35 o'clock A.M., permanent file of Missoula County, State of Montana.

Witnesse my hand:

Vermae B. Clouse, County Recorder

By Tho. M. C. Clouse, Deputy

Fee $2.00.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(File No. ____________  DUPLICATE)

1. Earl or Helen M. Curran

County of Missoula

State of Montana

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): Approximately 12 inches.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Approximately 1915.

8. The depth of water table: Approximately 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: Originally a deep well, later changed to a hand cistern to be filled with water. Existing size unknown.

10. The estimated amount of groundwater withdrawn each year: Approximately 200,000 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: Not applicable.

Signature of Owner: Earl or Helen M. Curran

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 Appropriorator.
I received the above instrument for record on the 30th day of _____, 1905, at ____. A true copy of the same in all material particulars is hereto attached. Witness my hand.

MARTIN R. ARMIRE, County Recorder

Page 1: Paid
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)

Dorothy V. &/or
Owner: James C. Damuss
Address: Lot 5, Missoula, Montana

Driller: Liberty Drilling Company
Missoula, Montana

Date of Notice of appropriation of groundwater: None filed

Date well started: 11/18/65
Date completed: 11/19/65

Type of well: Drilled
Equipment used: Cable Tools
Type: Drilled (Dug, Driven, bored or drilled)

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

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

<table>
<thead>
<tr>
<th>Depth (Feet)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>6</td>
<td>OD x ¾</td>
</tr>
<tr>
<td>+148</td>
<td>N</td>
</tr>
</tbody>
</table>

Water rises in well 34 feet from surface

Static Water Level for non-flowing well 34 feet.
Shut-in Pressure for flowing well None.
Pumping Water Level 45 feet at 40 gal. per minute.
Discharge in gal. per min. of flowing well None - Flowing

How Tested: Air Lift Pump
Length of Test: Two hours

Remarks: (Gravel packing, cementing, packers, type of abutment) All water entering well is coming through the open bottom of six inch casing.

NW 1/4 Sec. 35 T. 12N R. 20W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Show exact depth of bottom.
Bottom of hole 65 feet

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

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

Driller's License Number
William Dalm
Driller's Signature
1/20/65
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 is to be prepared by driller and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located. Last copy to be retained by driller.

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

Owner: Richard Dill
Address: Lolo, Montana

Date well started: Feb. 27, 1971
Completed: Feb. 27, 1971

Type of well: Drilled

Equipment used: Churn Drill

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

Industrial [ ] Drainage [ ] Other [ ] Garden/Lawn [ ]

*Describe

Use if used for Irrigation, Industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL: unknown

Top of Ground

<table>
<thead>
<tr>
<th>From (ft)</th>
<th>To (ft)</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>4</td>
<td>Open hole</td>
</tr>
<tr>
<td>4.30</td>
<td>5.35</td>
<td>Sand, gravel</td>
</tr>
<tr>
<td></td>
<td></td>
<td>Water bearing</td>
</tr>
</tbody>
</table>

Static water level: 4 ft.
Pumping water level: 25 ft.
Power: 1/4 Horsepower
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: Eavelli Drilling Co.
Driller’s Address: Box 27, Victor, Montana

LICENSE NO.: 200

County: Ravalli
NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed January 1, 1962

(Under Chapter 337 Montana Session Laws, 1961, as amended)

This form to be completed by driller and filed by owner with County Clerk and Recorder in 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: Richard J. J
Address: Colby, Montana

Date well started: July 6, 1962
Completed: July 6, 1962

Type of well: Drilled
Equipment used: Drill

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

*Describe

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 of Gravel</th>
<th>Feet Below To (Feet)</th>
<th>Pressure</th>
<th>Feet Below To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6 inch</td>
<td>27 lb.</td>
<td>3</td>
<td>20</td>
<td>2</td>
</tr>
</tbody>
</table>

Static water level: 20 ft.
Pumping water level: 20 ft.

Gallons per minute measured: 60 minutes after pumping began.

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: Charles Wester Jr.

Driller's Address: Colby, Montana 52722

LICENSE NO.: 200
I received and filed the instrument for record on the 12th day of July, in the year of our Lord one thousand nine hundred and two.

M. Howard, Clerk of the Circuit Court

[Stamp] Deputy

[Stamp] Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. A. A. Dickinson of Boldt, MT

County of: 
State of: Mont.

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: A. A. Dickinson
Date: Dec. 31, 1963

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

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

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

1. (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 inches or gallons per minute).
   
   5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
   
   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   
   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   
   8. The depth of water table.
   
   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
   
   10. The estimated amount of groundwater withdrawn each year.
   
   11. The log of formations encountered in the drilling of each well if available.
   
   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner __________________________
Date __________________________

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

1. Hughes W. Westman, of Lolo, 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.

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

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

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

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:
   
   Completed June 1, 1960. Finished June 5, 1960

8. The depth of water table: 54

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 horse Pump 6' Casing

10. The estimated amount of groundwater withdrawn each year: 140,000

11. The log of formations encountered in the drilling of each well if available:
   
   2 ft. Gravel
   2-10 ft. Clay, Sand, and Gravel
   44 ft. bedrock

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: C. W. Westman
Date: June 31, 1963

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

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

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** Ora L. & Mildred M. Dishman

**Driller:** Liberty Drilling Co.

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

**Date well started:** 10/11/67

**Date completed:** 10/11/67

**Type of well:** Driven

**Equipment used:** Well driving rig

**Material used in drilling:** (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.**

**Water rises in the well 29'10" from surface.**

**Static Water Level for non-flowing well:** 29'10"

**Shut-in Pressure for Flowing Well:** None

**Pumping Water Level:** 40 ft

Discharge at 60 gal. per minute.

**How Tested:** Air Lift Pump

**Length of Test:** Three hours

**Remarks:** (Gravel packing, cementing, packers, type of shutoff) The bottom three feet of casing is perforated and all water entering the well is coming through these perforations. Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they are not used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

**Approx. Area:** 34 acres

**Show exact depth of bottom.**

**Bottom of hole:** 81 ft

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

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

---

**Driller's License Number:** Wm. E. Dishman

**Driller's Signature:**

4/3/47
should be printed at rates less than 50 percent of the stated

acceptability of the actor.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Ray G. Donahue

County of MIWAAA 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.

2. The beneficial use on which the claim is based. 0m. 400

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 land to which water has been applied and name of the owner thereof.

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner

Date

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

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

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

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

Ray C. O'Donohue Evans, Box 66, Lolo

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been, 1934, ably since the Well was drilled

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pumping, not to exceed

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

8. The depth of water table, 15'

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, 61', 61', Depth

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

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. 1957 Recorded in Book 218 Page 323

Signature of Owner

Date Aug 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Approprietor.
Notice of Completion of Groundwater Appropriation by Means of Well
Developed After January 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Ada Ferguson
Address: Lake, Montana

Date of Notice of appropriation of groundwater: April 2, 1968
Date well started: April 1, 1968, Date completed: April 3, 1968

Type of well: Driven Equipment used: 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 55 feet
Shut-in Pressure for flowing well 50 psi
Pumping Water Level 30 feet
at 300 gal. per minute.
Discharge in gal. per min. of flowing well 10

How Tested: Pump
Length of Test: 3 days
Remarks: (Gravel packing, cementing, packers, type of shutoff) Stone

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).

---

Driller's License Number
Ada Ferguson
Driller's Signature
4/4/15
I received and filed this instrument for record on the 18th day of Aug., 1948, at 10 o'clock, A.M., permanent files of Missoula County, State of Montana.
Witness my hand:

Vera R. Coors, County Recorder
By:...,

Deputy

...
STATE OF MONTANA

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

1. 
   (Name of Appropriator)

   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

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

   Mar. 15, 1939 for house and gardens

4. The amount of groundwater, claimed (in minor'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.

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

   Gramp

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

   Mar. 6, 1939 to Mar. 10, 1939

8. The depth of water table.

   30 feet from ground level

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.

   Standard diameter 12 ft to the top of the well at 12 ft deep from ground level

10. The estimated amount of groundwater withdrawn each year.

   136,500 gal.

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

   [Log information]

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.

   [Additional information]

Signature of Owner: 

Date: 1/2/14

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.
I received and filed this instrument for record on the 4th day of January 1927 at 1:52 p.m. In the presence of M. L. Ford, P. M. Ford, and E. R. Ford of Minnula County, State of Wisconsin. Witness my hand.

MARTIN S. RIMMEL, County Recorder

By: Beth Law, Deputy

Filed
**WATER WELL LOG**

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Owner</td>
<td>W. Kinty</td>
</tr>
<tr>
<td>Address</td>
<td>505 Fifth St.</td>
</tr>
<tr>
<td>Date Started</td>
<td>Nov 6, 1969</td>
</tr>
<tr>
<td>Date Completed</td>
<td>Nov 10, 1969</td>
</tr>
<tr>
<td>Location</td>
<td>Sec 25, T.12 N., R. 80, 1/4 sec NW 1/4 NW 1/4</td>
</tr>
<tr>
<td>Type of well</td>
<td>Drilled</td>
</tr>
<tr>
<td>Casing</td>
<td>56 ft. 14 in. 6 ft. cap.</td>
</tr>
<tr>
<td>Water use</td>
<td>Domestic</td>
</tr>
<tr>
<td>Casing</td>
<td>16 ft. to 56 ft.</td>
</tr>
<tr>
<td>Casing</td>
<td>56 ft. to 16 ft.</td>
</tr>
<tr>
<td>Casing</td>
<td>Standard steel 6 in. cap.</td>
</tr>
<tr>
<td>Perforated or Screened</td>
<td>16 ft. to 36 ft.</td>
</tr>
<tr>
<td>Type of screen or perforations</td>
<td></td>
</tr>
<tr>
<td>Static Water level</td>
<td>30 ft. from ground level</td>
</tr>
<tr>
<td>Shut-in pressure</td>
<td>10 lb./sq. in. on: 04-13-69</td>
</tr>
<tr>
<td>Pumping water level</td>
<td>30 feet at 20 gal. per min.</td>
</tr>
<tr>
<td>How tested</td>
<td>Bailer</td>
</tr>
<tr>
<td>Length of test</td>
<td>2 hours</td>
</tr>
<tr>
<td>Remarks</td>
<td>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</td>
</tr>
</tbody>
</table>

(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'</td>
<td>7'</td>
</tr>
<tr>
<td>7'</td>
<td>14'</td>
</tr>
<tr>
<td>14'</td>
<td>18'</td>
</tr>
<tr>
<td>18'</td>
<td>25'</td>
</tr>
<tr>
<td>25'</td>
<td>37'</td>
</tr>
<tr>
<td>37'</td>
<td>46'</td>
</tr>
<tr>
<td>46'</td>
<td>48'</td>
</tr>
<tr>
<td>48'</td>
<td>60'</td>
</tr>
<tr>
<td>60'</td>
<td>62'</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Clara M. & Fred E. Kester
Address: Lolo, Montana

Driller: Liberty Drilling Co.
Address: 2500 Reserve St.

Date of Notice of appropriation of groundwater: None filed

Date well started: 3/13/67
Date completed: 3/14/67

Formation Log:
- 0 - 7½ Well pit.
- 7½ - 22 Old dug well.
- 22 - 51 Tam gravel and sand.
- 51 - 55 Brown sand.
- 55 - 58 Fine silty sand & gravel.
- 60 - 63 Clean coarse sand & gravel, Water.

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

Water rises in the well
22 feet from surface.

Show exact depth of bottom.

Length of Test: Two hrs.

Remarks: (Gravel packing, cementing, pack-)

WELL

W 1/8 Mile N 35 1/2 N 12 R 20 W

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

Acre

5

Show exact depth of bottom.

Bottom of hole

4

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, two copies to be retained by driller.

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

Driller's License Number

Driller's Signature.

41, 939
I received and filed this instrument for record on the 21st day of July 1946, of/4.10 acres, St. George, Township 1 West, Range 3 North, 3 miles east of Pinto, Section 26, Town of Washoe, County of Washoe, State of Nevada.

William N. Van Sickle

Recorder's Office

State of Nevada

By

Sunshine County Recorder

Date

Fees: $1.00

P. O.

William N. Van Sickle

Recorder's Office

State of Nevada

By

Sunshine County Recorder

Date

Fees: $1.00

P. O.

William N. Van Sickle

Recorder's Office

State of Nevada

By

Sunshine County Recorder

Date

Fees: $1.00

P. O.
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.  

Fred E. and  
Owner Clara M. Kester  
Address Lolo, Montana  

Date well started 5/13/70 GW 1 ...  
completed 5/13/70 ...  

Type of well Driven  
(Dig, driven, bored or drilled)  

Equipment used Air Rotary  
(Chis drill, rotary or other)  

Water Use: Domestic x 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).  

APPROXIMATELY 20 ACRES, RURAL  
MARTHUR LOCATION, LOLO, MONT.  

ESTIMATED ANNUAL WITHDRAWAL Unknown  

Top of Ground  
(El. above sea level)  

<table>
<thead>
<tr>
<th>From (Foot)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>3</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Topsoil</td>
</tr>
<tr>
<td>9</td>
<td>Cobblestones and</td>
</tr>
<tr>
<td>9</td>
<td>Gravel mixed</td>
</tr>
<tr>
<td>9</td>
<td>Fine silty sand and</td>
</tr>
<tr>
<td>9</td>
<td>Gravel</td>
</tr>
<tr>
<td>25</td>
<td>Sand and gravel imbedded in clay</td>
</tr>
<tr>
<td>37</td>
<td>Ten gravel and sand</td>
</tr>
<tr>
<td>37</td>
<td>Gravel tightly compacted in sand</td>
</tr>
<tr>
<td>40</td>
<td>Fine silty sand and gravel</td>
</tr>
<tr>
<td>52</td>
<td>Clean coarse sand and gravel, water</td>
</tr>
</tbody>
</table>

\[\text{Static water level} \quad 12 \text{ ft.}^* \]  
\[\text{Pumping water level} \quad 30 \text{ ft.}^* \]  
\[\text{at} \quad 70 \text{ gallons per minute} \]  
\[\text{measured} \quad \frac{1}{2} \text{ hours} \]  
\[\text{after pumping began.} \]  

*Measured from ground level.  
Well developed by Air Lift  
for \[\frac{3}{8} \text{ hours.} \]  
Power: 220-V Pump 3/4 HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff) AL- 
water entering well is coming through perforations in six inch  
nailing, Wells in this  
mantle.  

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: 2300 Reserve Street  
Missoula, Montana 59801 LICENSE NO. 32  

Show exact depth of bottom  
Water rises in well 12 feet to surface.  

46643
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODES
OFFICE OF STATE ENGINEER

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

Owner: [Name]
Address: [Address]

Driller: [Name]
Address: [Address]

Date of Notice of Appropriation of Groundwater: [Date]

Date well started: [Date]
Date completed: [Date]

Type of well: [Type]
Equipment used: [Equipment]

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.

Static Water Level for non-flowing Well: [Depth] feet.
Shut-in Pressure for Flowing Well: [Pressure] feet.

Pumping Water Level: [Depth] feet at [Gallons per minute] gal. per minute.

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

How Tested: [Method]
Length of Test: [Duration]

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

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

Driller's License Number: [Number]
Driller's Signature: [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.

[Date] 19-