STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

with the request

of

1. Name of Appraiser:

1. Name of Address:

2. County of issue of claim:

3. State of issue of claim:

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

<table>
<thead>
<tr>
<th>N</th>
<th>E</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>1</td>
</tr>
</tbody>
</table>

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

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 pumped (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 The estimated amount of groundwater withdrawn each year: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
COUNTY OF LEWIS & CLARK

I hereby certify that the within
acknowledgement of receipt was
this 30th day of Dec,
19--

[Signature]

[Signature]
Notice of Completion of Groundwater Appropriation by Means of Boring

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

WILLIAM G. CENWINDLE, M.G.
Owner
Chestermere, Montana

Address: Shirley Road

Driller: Price & Lindsay
Address: Clancy, Montana

Date of Notice of appropriation of groundwater: May 5, 1965

Date well started: May 5, 1965

Date completed: May 7, 1965

Type of well: Drilled

Equipment used: Churn

(bored, driven, or drilled)

Water use: Domestic

Municipal

Stock

Irrigation

Industrial

Drainage

Other

Indicate 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.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From Top of Ground</th>
<th>To Feet</th>
<th>Perforations</th>
</tr>
</thead>
<tbody>
<tr>
<td>8&quot;</td>
<td>18 lb</td>
<td>0</td>
<td>33 ft</td>
<td>20 x 1 ½</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

How Tested: Builfer

Length of Test: 2 hours

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

Lot 20 Vandenberp Village

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

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

Dead to Irrigate yard (1 acre)

Show exact depth of bottom.

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office in the County of

[Signature]

[Date: 169480]

[Name]

County Recorder

[Date: 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)

EVEKT H. LINDSTROM, of LUS. NE WinG, HOBEN
(Name of Appropriator)
(Address)
(Town)

County of Lewis and Clark, 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:

CONTINUOUS

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

500 G.P.M.

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.
STATE OF MONTANA  
COUNTY OF LEWIS & CLARK | 59

I hereby certify that the within instrument was filed in my office on the 8th day of December, 1962, at 9 o'clock, A.M., and is a true copy of the original record of the above transaction. This certificate is made in accordance with the provisions of Section 7, Title 16, Revised Statutes of Montana, and is a true copy of the record of Lewis & Clark County, State of Montana.

[Signature]

County Recorder

[Date]
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Melvin John Loehr and Iris J. Loehr of 1420 Van Cassel Lane, Helena, Montana.

County of Lewis and Clark, 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: October 15, 1957; continuously and needed.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 2.4 acres, Lots 16 of Schatz Subdivision and all of Lot 8, Block B, of Schultz's Second Subdivision.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: well on the NW corner of Lot 16 of Schatz Subdivision.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: October 15, 1957.

8. The depth of water table: varies from 6 ft. to 13 ft. below 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: 6 inch drilled well, 25 ft. depth.

10. The estimated amount of groundwater withdrawn each year: 450,000 gal.

11. The log of formations encountered in the drilling of each well if available: coarse, rocky gravel throughout.

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: Dec 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 NORTH CAROLINA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on the 1st day of December, A.D. 1944, at 10 o'clock, A.M.

[Signature]

Judge of Lewis & Clark County, North Carolina

By: [Signature]

Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

Owner: ____________________________
Address: ____________________________
Date well started: ____________________
Date well completed: ____________________

Type of well: ____________________________
Equipment used: ____________________________

Water Use: 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>Site and Depth of Cutting</th>
<th>From (Ft)</th>
<th>To (Ft)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6'</td>
<td>1916</td>
<td>6</td>
<td>46</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 14 ft
Pumping water level: 30 ft
30 gallons per minute measured 60 minutes after pumping began.
*Measured from ground level.

Well developed by: ____________________________
for: ____________________________ hours.
Power: ____________________________
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: ____________________________
Driller's Address: ____________________________

LICENSE NO.: ____________________________

Show exact depth of bottom
**Notice of Completion of Groundwater Appropriation by Means of Well**

**DEVELOPED AFTER JANUARY 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

---

**Owner:** G.S. Mayruth  
**Address:**  

**Date of Notice of Appropriation of Groundwater:** Nov. 16, 1965

**Date well started:** July 22, 1965  
**Date completed:** June 25, 1965

---

**Type of well:** Drilled  
**Equipment used:** Churn  
**(Peg, 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 well, 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 Ho’s</th>
<th>Her and Weight of Core</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 17#</td>
<td>0</td>
<td>36</td>
<td>none</td>
</tr>
</tbody>
</table>

---

**Static Water Level for non-flowing well:** 6 feet.

**Shut-in Pressure for Flowing Well:** 25 feet.

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

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

**How Tested:**  
**Length of Test:** 2 hrs.

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

---

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

---

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

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

---

Driller’s License Number:

Driller’s Signature:

---

(Continue on reverse side)
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Keith Eugene Mclain
   (Name of Appropriator)
   1516 Van Breda Lane
   Helena
   (Address) (Town)

   County of Lewis 

   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 & Light Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been — Aug. 29, 1958, Continuous

4. The amount of groundwater claimed (in miner’s inches or gallons per minute) — 20 g. p. m.

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 — 80 Acres of land located in S. 50-8-119, Section 24, Lewis & Clark Sub-division, used for irrigating lawn & garden.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal — 4” F. P. Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater — Begun Aug. 29, 1958, completed Aug. 29, 1958.

8. The depth of water table — Static water approx. 11’ from ground. Flex.

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 — 2” 1/2”, 13-16, casing 28’ 6” in depth

10. The estimated amount of groundwater withdrawn each year —

11. The log of formations encountered in the drilling of each well if available — Ok. 3’ soil, Sand & gravel, 3’ to 17’ Med. Gravel, 17’ to 23’ firm gravel, sand, clay, 23’ to 31’, silty gravel & clay, 31’ to 36’, firm, clay, band gravel & sand, clay, 36’ to 38’, shale, Med. gravel & 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 —

   Driller Price J. Lindsey
   Stanley Montana
   Driller Registration No. 1204

   Signature of Owner — Keith E. McLain
   Date — 12-30-62

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

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

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

I, hereby certify that the within instrument was filed in my office on the 8th day of March, 1984, at 2:47 o'clock, p.m.

Received of Ennis & Clark
County, State of Montana.

County Recorder
[name]
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. Victor A. Nahring, 8 Milson Road, Helena, Montana.
   County of Lewis & Clark, 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 use and Sprinkling Law (155' x 155').

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: November 21, 1960 - Steady.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): The well puts out approximately 30 Gallons of water per minute.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Not used for irrigation. Description of land not needed as we have only 135' x 165' of land which we water.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   By an electric pump in the southwest corner of our property.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Commenced about June 1st and finished by June 15, 1960.

8. The depth of water table: 52 feet to free flowing 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: 6' steel casing to the depth of 50 ft. until it hits free flowing water. Located in SW corner from property line and 10' feet from South fence and 13' feet from West.

10. The estimated amount of groundwater withdrawn each year: 1,000 to 1,500 gallons per day. (Approx. 344,500 gallons per yr.).

11. The log of formations encountered in the drilling of each well if available: You may receive this info from Price & Lindsey (Well drillers). Approximately 22' of gravel to 27' of clay and hard pan to gravel to free flowing water.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: We have no information.

Signature of Owner: Victor A. Nahring
Date: June 26, 1961

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
COUNTY OF LEWIS & CLARK

I hereby certify that the above instrument was filed in my office on the 28th day of January, A.D. 1923, and is on file and a true copy of the same in my office and my official duty, the record of the County Register of Lewis & Clark County, Montana.

[Signature]
County Recorder

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

Owner: Clifford A. May, Address: Rt A, Helena, Montana
Driller: Peter Lindsay, Address: Clancy, Montana

Date of Notice of Appropriation of Groundwater: Dec 1960
Date Well Started: Date Completed: Nov 1960

Type of Well: Drilled
Equipment Used: Churn

Water Use: Domestic

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>Stratum Depth</th>
<th>Material</th>
</tr>
</thead>
<tbody>
<tr>
<td>0-12 ft</td>
<td>Gravel</td>
</tr>
<tr>
<td>12-18 ft</td>
<td>Clay</td>
</tr>
<tr>
<td>18-28 ft</td>
<td>Gravel</td>
</tr>
<tr>
<td>28-35 ft</td>
<td>Sand and gravel</td>
</tr>
<tr>
<td>38-35 ft</td>
<td>Gravel &amp; Water</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 10 feet
Shut-in Pressure for Flowing Well: 15 feet
Pumping Water Level: 15 feet at 20 gal. per minute.
Discharge in gal. per min. of flowing well: 5.5 gpm

How Tested: Bailer
Length of Test: 5 hrs

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

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; quadruplicate for the Appropriator.
I hereby certify that the above-mentioned record was filed in my office on this 20th day of April, A.D. 1942, in the office of the County Recorder of Lewis County, State of Montana.

[Signature]

County Recorder

[Signature]

Deputy
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1965
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: Robert B. Amos
Address: 710 7th Ave., Helena

Driller: Ken Lindsay
Address: Conway, MT

Date of Notice of appropriation of groundwater: 6-10-65
Date well started: 6-11-65
Date completed: 6-11-65

Type of well: Drilled
Equipment used: Churn
(��se driven, bored or drilled)
(Churn drill, rotary or other)

Water use: Domestic [X] Municipal [ ] 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>Size and Weight of Casing (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>21-33 ft. Clays</td>
<td>6&quot;</td>
<td>0</td>
<td>36</td>
<td></td>
</tr>
<tr>
<td>33-35 ft. Clay and sand</td>
<td>17/8&quot;</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 7 feet.
Shut-in Pressure for flowing well: 20 feet.
Pumping Water Level: 23 feet at 20 gal. per minute.
Discharge in gal. per min. of flowing well: 1200 gal. per minute.

Length of Test: 3 hours.

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

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

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, these 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: W605
Driller's Signature: 2/6/65
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Stanley R. Munsen, 46 Route B, Hoopa
(Name of Appropriator) (Address) (Town)

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   1955 Continuous

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.
   Used for Irrigation

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

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.
   Other Unknown

10. The estimated amount of groundwater withdrawn each year.
   1/4 ACRE PER YEAR

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

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

Signature of Owner

Date: Jan 6, 1964

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
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on

\[ \begin{align*}
\text{AD 19} & \quad \text{min. AD} \\
\text{2} & \quad \text{min. 1949} \\
\end{align*} \]

Records of Lewis & Clark
County, State of Montana

\[ \text{Signature} \]

\[ \text{by} \]

\[ \text{Deputy} \]

151747
# 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: F. & Mildred Patterson

Address: 1432 Hilmann Road, Helena, Montana

Date well started: Aug. 5, 1970

Date well completed: Aug. 7, 1970

Type of well: Drilled

Equipment used: Churn

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).

## ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Depth of Catalog</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>171b</td>
<td>0</td>
<td>53</td>
<td>none</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Hole of Catalog</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
</tr>
</tbody>
</table>

Static water level 9 ft.*
Pumping water level 25 feet.

*Measured from ground level.

Well developed by PUMP.

Lot 58, Vandenberg Village East Subdivision

11/24/39 N, 3 1/2 Sec. 15 T.

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

Driller's Signature: W. J. Lindley

Driller's Address: 547 W. Montana

LICENSE NO. 32

Top of Ground:

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>Top soil</td>
</tr>
<tr>
<td>5</td>
<td>Gravel and sand</td>
</tr>
<tr>
<td>18</td>
<td>Clay and sand</td>
</tr>
<tr>
<td>38</td>
<td>Sand and silt</td>
</tr>
<tr>
<td>51</td>
<td>Gravel</td>
</tr>
</tbody>
</table>

**Show exact depth of Bottom**: 547 W. Montana
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that this within instrument was filed in my office on the 23rd day of March, A.D. 19__ in the presence of

[Signature]

Recording Clerk of Lewis & Clark County, State of Montana

[Signature]

236502
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Course gravel 0 to 19 ft.

Owner... Francis Pack

Address... College Place

Helena, Montana

Driller... Walter Haddock

Address... Helena, Montana

Date of Notice of appropriation of groundwater: July 1, 1966

Date well started: June 12, 1966

Date completed: June 16, 1966

Type of well... Drilled

Equipment used... Churn Drill

(Dig, Driven, bored or drilled) (Churn drill, rotary or other)

Water course 23 to 24 ft.

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 of water-bearing strata and height to which the water rises in the well.

24 to 35 boulders and clay.

<table>
<thead>
<tr>
<th>Size and Weight of Gravel</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot; 6&quot; 15#</td>
<td>32&quot;</td>
<td></td>
</tr>
</tbody>
</table>

Total Depth from the surface 38 ft.

Static Water Level for non-flowing well...

16.00 feet.

Shut-in Pressure for Flowing Well...

Pumping Water Level...

28.00 feet at... 30.00 gal. per minute.

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

How Tested... bailer

Length of Test...

2.00 hr.

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

Total depth from surface 38 ft.

Show exact depth of bottom.

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

Driller's License Number

Driller's Signature

41,988
STATE OF INDIANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in the Office of the
Record of Lewis & Clark
County, Indiana, on the 13th day of July, in the year of our Lord 1862.

James Ewing
Record of Lewis & Clark
County, Indiana

By: Herman Apple
Deputy
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: Russell Peery
Address: 1420 Hilmian Road
Helena, Montana

Date well started: 5/12/70
Completed: 5/14/70

Type of well: Drilled
Equipment used: Churn

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

*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: 80,000

PERFIRATIONS

<table>
<thead>
<tr>
<th>Size of ( ^{\text{a}} )</th>
<th>Size and of ( ^{\text{b}} )</th>
<th>Top (Feet)</th>
<th>Bottom (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>6&quot;</td>
<td>171b</td>
<td>0</td>
<td>48</td>
</tr>
</tbody>
</table>

Static water level: 16 ft.*
Pumping water level: 25 ft.*

*Measured from ground level.

Well developed by pump

Power: \( 5.5 \) HP

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

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

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

LICENSE NO: [38]

Show exact depth of bottom: 48
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on
this 22 day of July
A.D. 19__ at ___ o'clock A.M.

Records of Lewis & Clark
County, State of Montana

[Signature]

[19__]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Melvin C. Redlin, of St. Helena
   (Name of Appropriator) (Address) (Town)
   County of Lewis & Clark, 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, Domestic.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May 12, 1962, Constantly.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 20 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:永久 irrigated early in the spring and late in the fall.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: May 10, 1962, May 12, 1962.

8. The depth of water table: 34 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, 64 ID, 34 feet.

10. The estimated amount of groundwater withdrawn each year: 146,000 gallons per year.

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

   0 to 16 feet gravel(sand)

   16 to 22 feet clay and sand

   22 to 32 feet clay

   32 to 34 feet gravel and clean 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: Melvin C. Redlin
   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 Appropriate.
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on this 16th day of May, A.D. 1934, at __-_min. past ___.

[Signature]
Deputy County Recorder

By: [Signature]
Deputy

15/1634
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Josephine (McDonald) Rushford

1. Douglas Rushford, of 6252 N. Montana, Helena
   (Name of Appropriator) (Address) (Town)

County of Lewis & Clark, 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 - lawn

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: July 1955

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

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
   Less than one acre

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
   July 1955

8. The depth of water table: 10 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   35' deep - 6" casing

10. The estimated amount of groundwater withdrawn each year: 1,000,000 gallons per year

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

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: N/A

Signature of Owner: Douglas Rushford
Date: December 4, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriate.
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the following instrument was recorded in the office of the
Registrar of Deeds of the County of Lewis & Clark

A.D. 19--

[Signature]

Deputy

[Signature]

Deputy

151062
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Josephine Schatz, of Route A, Helena, 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: 1960 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 200 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:

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Approximately 1960 - water withdrawn by pump

8. The depth of water table: 15 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Depth about 40 feet - 6 1/2" casing

10. The estimated amount of groundwater withdrawn each year: 200,000 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 available

Signature of Owner: Josephine Schatz
Date: December 27, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
151 997

County of Mono

State of California

Instructions for Examiners:

1. The examination is to be conducted in my office on

2. The examination is to be completed by

3. Signed by

County Recorder

County Recorder

M. Jones

Deputy
I. Josephine Schatz, of Route A, Helena, (Name of Appropriator) (Address) (Town)

County of Lewis and Clark 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, dairy and irrigation.

3 Date or approximate date of earliest beneficial use and how continuous the use has been since before the year 1950. Domestic and irrigation use continuous ever since. Dairy use dormant for past 10 years.

4. The amount of groundwater claimed (in inches or gallons per minute) 200 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. Irrigation around farmstead in the SE QUADRANGLE of Section 32, T. 11 N., R. 3 W.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Two drilled wells fitted with pumps. No. 1 is inside the house. Well No. 2 is within the confines of farmstead.

7. The date of commencement and completion of the construction of each well and other work for withdrawal of groundwater.

No. 1 Spring of 1953 and No. 2 Spring of 1954. Water withdrawn by

8. The depth of water table.

No. 1 - 40 feet - No. 2 - 37 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. No. 1 - 20 foot deep, 12 inch casing. No. 2 - 37 feet deep 12 inch casing.

10. The estimated amount of groundwater withdrawn each year. One million gallons.

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. Not available.

Signature of Owner: Josephine Schatz

Date: December 27, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA
COUNTY OF LEVY & TUNKA

I hereby certify that the within instrument was filed in my office on this 7h day of May, A.D. 1925, at 25 min. past 9 o'clock L.M.,

Receiv'd of Lewis J. Clark
Deputy, County Recorder

[Signature]

By: [Signature]

Deputy
I, Ben C. Smith, as first owner of the house and lot known as Lot 14, Vandenberg Village, located in Lewis and Clark County, Mtl 4, Sec 37, T/4N, R 33W, do hereby certify that the well located thereon was drilled and completed in 1958. That said well was drilled to a depth of 42 feet with depth to water being 36 feet.

Signed

Dated 10-29-73

Joyce Walker
Commissioner of Agriculture for the State of Montana
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** Dr. R. Spaulding  
**Address:** N. Of Helena

**Driller:** Walter Riddock  
**Address:** Helena, Montana

**Date of Notice of Appropriation of Groundwater:** Sept. 6, 1963

**Date well started:** 9-1-63  
**Date Completed:** 9-4-63

**Type of well:** Drilled  
**Equipment Used:** Churn drill

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

**Depth of Drilled Hole:** 3 ft. deep gravel

**3' to 27 ft gravel**

**27 to 39 ft clay and gravel**

**39 to 47 ft sand and gravel**

**47 to 49 ft**

**Course gravel and water**

<table>
<thead>
<tr>
<th>Diameter (in.)</th>
<th>Length (ft)</th>
<th>Flow Rate (gpm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>15</td>
<td></td>
</tr>
</tbody>
</table>

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

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

**Pumping Water Level**: 28 ft  
**feet at**: 80  
**gal. per minute**:

**Discharge in gal. per min. of flowing well**: 100

**How Tested**: Bailer  
**Length of Test**: 8 hr.

**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)

---

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

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

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

COUNTY OF LEWIS

I, Cherokee, do hereby certify that the within instrument was signed in my office in the presence of County Recorder.

CHEROKEE

County Recorder

1-15-17
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Violet Sandberg
   (Name of Apprpropriator)
   (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). 20 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.
   Violet T. Sandberg, 101 102 Block 24
   Columbia Limit Sub Division

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   The oen dug well is one drilled well.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1946.

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: Violet T. Sandberg
Date: Sep 12, 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 IOWA
COUNTY OF Linn

I hereby order the
above to appear before
me, the undersigned
Justice of Peace
on the day of the month
of the year

[Signature]

County Judge

[Signature]

Dated

[Signature]

Deputy
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.

Arthur S. Taylor
Owner
Address 1314 Spearfish Rd
Helena, Mont.

Date well started ________
completed ________

Type of well Drilled
Equipment used Drill

Water Use: Domestic □ Municipal □ Stock □ Irrigation □
Industial □ 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 80

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Depth of Hole</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>C</td>
<td>17/6</td>
<td>0</td>
<td>46</td>
<td></td>
</tr>
</tbody>
</table>

Static water level __________ ft.
Pumping water level __________ ft.
Power Pump __________ HP

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

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

Driller's Signature __________
Driller's Address __________
LICENSE NO. 38

RECEIVED

County. James Clark

DRILLER'S LOG

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

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>(Elev. above sea level)</th>
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</thead>
<tbody>
<tr>
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<td>Top</td>
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<tr>
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<td>Gravel</td>
</tr>
<tr>
<td>12</td>
<td>Clay</td>
</tr>
<tr>
<td>31</td>
<td>Sand &amp; Clay</td>
</tr>
<tr>
<td>43</td>
<td>Gravel</td>
</tr>
</tbody>
</table>

Show exact depth of bottom 5' 58'
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I, the undersigned, do hereby certify that the within instrument was filed in the office of the
Registrar of Titles on the 13th day of July, A.D. 1973, at 1:00 p.m., in the presence of
the aforementioned person.

[Signature]
Registrar of Titles

[Signature]
Deputy Registrar

2,180
**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. Frank D. Timley, of Helena, Montana—
   
   County of Lewis and Clark, 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:
   - Pasture, lawn and garden irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 
   - October 17th, 1927—Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute), 15 to 20 and 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. 
   - Reference to question 1:

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Starting date approximately Nov 1957.
   - Finish date """" """" Nov. 12 1957

8. The depth of water table. 36'

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—64" casing—6" pit—36" from top of ground

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

11. The log of formations encountered in the drilling of each well if available. 
   - 6" to 12" gravel and sand—12" to 24" gravel and hard pan—24" to 31" soft clay—
     - 31" to 36" clay and gravel—36" tight 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: Frank D. Timley
   
   Date: 12-17-63

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. Tripletake 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. John S. & Frances K. Verdi
   (Name of Appropriator)

   County of Lewis & Clark
   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 general household usage plus yard & garden

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1961, continuous ever since

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

   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 5 acres

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by electric pump, which is located approx. in SW corner of front of house

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Approx. June 1961

   8. The depth of water table approx. 35ft

   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 60ft

   10. The estimated amount of groundwater withdrawn each year 200,000 gals.

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

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

   Signature of Owner
   Date 12-15-62

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 Appropirator.
STATE OF MONTANA
COUNTY OF COLUMBUS

COUNTY RECORDER

Leonard B. Runette
Decree
2/60

150809
**Notice of Completion of Groundwater Appropriation by Means of Well**

**State of Montana**  
**Office of State Engineer**

**Developed After January 1, 1962**

(Under Chapter 237, Montana Session Laws, 1961)

**Route A**

**Owner:** Jack M. and/or Daughters, Address: Malana Valley

**Driller:** Price & Lindsay, Address: Clancy, Montana

---

### Top of Ground

- Elevation above sea level

---

### Duplicate Log

- **Top of Ground**
  - 0 - 5 ft.
  - Topsoil & gravel

- **5 ft. to 18 ft.**
  - Gravel and clay

- **18 ft. to 23 ft.**
  - Clay

- **23 ft. to 38 ft.**
  - Clay & gravel

- **38 ft. to 40 ft.**
  - Hardpan

- **40 to 41 ft.**
  - Clean gravel

---

### Perforations

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From Top of Casing (Feet)</th>
<th>To Top of Casing (Feet)</th>
<th>Kind of Perforation</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well**

**Shut-In Pressure for Flowing Well**

**Pumping Water Level**

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

---

**Remarks:**

- (Gravel packing, cementing, packers, type of shutoff)

---

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

---

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

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

---

**Driller's License Number**

---

**Driller's Signature**
I hereby certify that the within instrument was filed in my office on the 1st day of Jan., AD 1983, at 2:00 P.M. in the Office of the Recorder of Lewis County of the State of Montana.

[Signature]

County Recorder

2:00
**STATE OF MONTANA**
**ADJUDICATOR OF GROUNDWATER CODE**
**OFFICE OF STATE ENGINEER**

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

DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 277, Montana Session Laws, 1961)

**Owner:** John N. Dan Borker  
**Address:** Fort Harrison, Mont.

**Driller:** A. J. Walsh  
**Address:** Helena, Mont.

**Date Notice of Appropriation of Groundwater:** July 26, 1962

**Date Well Started:** July 26, 1962  
**Date Completed:** July 27, 1962

**Type of Well:** Drilled

**Equipment Used:** Cable Tool

**Drilling Method:** (Auger, driven, bored or drilled) (Churn drill, rotary or other)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Rise and Fall of Water</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>65/8</td>
<td>65/8</td>
<td>0</td>
<td>62</td>
<td>NO</td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing well:** 1 foot.  
**Shut-In Pressure for Flowing Well:** NO  
**Pumping Water Level:** 62 feet at 30 gal. per minute.  
**Discharge in gal. per min. of flowing well:** NO  

**Bailers**

**How Tested:**

**Length of Test:** 2 hrs.

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

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**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).**

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

**Driller's License Number:**

**Driller's Signature:**

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**NOTE:**

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Recently a copy of a groundwater appropriation form, 

- GW 1, Notice of Appropriation of Groundwater
- X GW 2, Notice of Completion of Groundwater Appropriation by means of Well
- GW 3, Notice of Completion of Groundwater Appropriation without Well
- GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by
Owner John M. DenHirder Address Helena, Montana 59601
Location Document No. 206810

The form is complete as filed. This is to inform you that your GW form has been received and no further action is necessary on your part.

The form is incomplete. Please complete the enclosed copy by providing information where indicated; or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please indicate exact site of well by Township, Range, and Section. Also provide information concerning the use of the water withdrawn (i.e. Other domestic, stock, irrigation, etc.)

No indication of information requested was noted. Hope the following info is satisfactory.

County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.

Douglas E. Smith
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: John J. Den Herder
Address: Fort Harrison, Mont.

Driller: A. J. Welch
Address: Helena, Mont.

Date of Notice of appropriation of groundwater: July 26, 1969
Date well started: July 26, 1969
Date completed: July 27, 1969

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

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

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

<table>
<thead>
<tr>
<th>Strata</th>
<th>From</th>
<th>To</th>
<th>Weight of Casing (lbs)</th>
<th>Kind of Well</th>
</tr>
</thead>
<tbody>
<tr>
<td>Soil</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sand &amp; Gravel</td>
<td>65/8</td>
<td>171</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
</tr>
<tr>
<td></td>
</tr>
<tr>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well
Shut-in Pressure for flowing well
Pumping Water Level
Discharge in gal. per min. of flowing well

How Test Done: Bailer
Length of Test: 2 hrs.
Remarks: (Gravel packing, cementing, pack-

Reported Test Date: 33.7.11 R.3 a

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

Denotes well and usage area (10 ACRE PARCEL)

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

Footnotes: (Continue on reverse side)

100
Driller's License Number
A. J. Welch
Driller's Signature
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: Charles G. Simonds
Address: 2229 Canon

Driller: R. W. Welch
Address: Helena, Montana

Date of Notice of appropriation of groundwater: July 29, 1969
Date completed: July 30, 1969

Type of well: Dug, driven, bored or drilled
Equipment used: (Drill, grout, cement 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>Hole of</th>
<th>Site and</th>
<th>From</th>
<th>To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled</td>
<td>Weight</td>
<td>(Feet)</td>
<td>(Feet)</td>
<td></td>
</tr>
<tr>
<td>Hole</td>
<td>of Casing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>66/8</td>
<td>65/8</td>
<td>0</td>
<td>77</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well

Pumping Water Level

Discharge in gal. per min. of flowing well

Show exact depth of bottom.

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

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

Owner's Signature
Driller's License Number
Driller's Signature
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in the Office of the

Record of Lewis & Clark County Clerk of Court

[Signature]

County Recorder

[Signature]

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. **Clifford D. Holton**
   (Name of Appropriator)
   of __________________________
   (Address)
   (Town)

   County of ____________________
   (Name of County)

   State of _____________________
   (State)

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

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

Lot 15 Shanes Subdivision

- Irrigation - Domestic - Garden

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. July 1957 - continuous

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. Sec. 33, T. 11 N., R. 3 W.

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. July 1957.

8. The depth of water table. 8 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. 6 in. casing - 34 ft. deep

10. The estimated amount of groundwater withdrawn each year. Not available

11. The log of formations encountered in the drilling of each well if available. gravel, sand and clay

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

Signature of Owner: Clifford D. Holton

Date: December 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
STATE OF MONTANA  
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was signed by the person described as

 Reported herein.

Approved this day of 1965.

John P. Smith

County Recorder

Deputy
Driller’s Log

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

Owner: ELEN. KOWONIY
Address: 4113 GLASSDR, HELENA, MONT.
Date well started: June 6-71
Date well completed: June 8-71
Type of well: Drilled
Equipment used: Chiseler
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: 50,000 Gal.

Perforations:

<table>
<thead>
<tr>
<th>Type of Drilled Strata</th>
<th>Depth (Feet)</th>
<th>Static Water Level (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Glassy</td>
<td>8</td>
<td>8</td>
</tr>
<tr>
<td>Gravel</td>
<td>30</td>
<td>30</td>
</tr>
</tbody>
</table>

Power: Electric Pump: 1 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Indicate Location of Well and Place of Use, if possible. Each Small Square Represents 40 Acres.

Driller’s Signature: [Signature]
Driller’s Address: [Address]

License No.: 38
STATE OF MONTANA
COUNTY OF LEWIS & CLARK

I hereby certify that the within instrument was filed in my office on the 22nd day of May, A.D. 19__ at ___ o'clock, ___ M., and recorded on page ___ of Book ___ of Records of Real and Personal Property of the County of Lewis & Clark, State of Montana.

[Signature]

County Recorder

[Stamp]