# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Munroe Ranch Co., of W.S.T. No. Great Falls, Cascade County of Montana**

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

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

   3. Date or approximate date of earliest beneficial use: **Oct. 1938**

   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: **None**

   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: **Oct. 1938 to Oct. 1938**

   8. The depth of water table: **21' down**

   9. So far as is may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: **Drilled, 6" casing, 39' deep**

   10. The estimated amount of groundwater withdrawn each year: **5,000,000**

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

   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. 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 Appropriatee.
STATE OF MONTANA, } ex.  
County of Cascade. 

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

DEC 31 1963 

at 11:30 A.M. 

Ex. by 

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

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

County of Cascade

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

1. Name of Appropriator: James L. Nichols

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

3. Date or approximate date of earliest beneficial use: August 20, 1950

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

5. If used for irrigation, give the average and description of the lands to which water has been applied and name of the owner thereof: Not used for irrigation except lawn

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Aug. 20, 1950

8. The depth of water table: 123 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: Cased well, iron casing

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 The estimated amount of groundwater withdrawn each year: Approximately 250,000 gal.

11. The log of formations encountered in the drilling of each well: Sand, Clay, 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: Well drilled by Mr. Franklin

Signature of Owner: James L. Nichols

Date: 1/2/1963

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

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

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: December 22, 1965

Owner: Herbert Lowe
Address: Box 1457, Great Falls, Montana

Contractor (if any): 
Address of Contractor: 

Pond No. 1
Date Started: May 1953
Date Completed: May 1953

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

- **No. 1 pond 20 feet square; water 1 foot deep. Scraped out of sand. Section 23, Twp. 19 N., R. 1 E.**
- **No. 2 pond, 16 feet by 100 feet; water 2 feet deep. Scraped out of sand. Made in April 1958. Section 23, Twp. 19 N., R. 1 E.**

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

About 6 months a year for watering about 100 head of cattle. The quantity has not been measured. Water stands at same level the year around.

Signature of Owner: Herbert Lowe
Date: December 22, 1965

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

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

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

I, J. E. Leavy, certify that the within instrument was recorded in this office on

DEC 23 1966

at 3:30 P.M.

J. E. Leavy
County Clerk and Recorder

By R. G. H. Deputy
**Declaration of Vested Groundwater Rights**
(Under Chapter 237, Montana Session Laws, 1961)

1. Herbert Lowe, Box 1452, Great Falls
   (Name of Appropriator) (Address) (Town)

County of Cascade State of Montana

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. December 1950, has been used every year.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Has not been measured. Water 100 head of cattle; stock water only.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: December 7th, 1950; completed December 14, 1950.

8. The depth of water table: About 8 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: 2 inch driven sand point; 12 feet deep.

10. The estimated amount of groundwater withdrawn each year: 100,000 gallons

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

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

Signature of Owner: Herbert Lowe
Date: December 22, 1965

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

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

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 Cascade

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

Dec 23, 1885

at 2:31

J. L. LENNON
County Clerk and Recorder.

By: [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)

W. D. WEIR
of Ula
(Name of Appropriator) (Address) (Town)
County of Cascade State of Montana

I. The beneficial use on which the claim is based: irrigation and livestock watering

2. Date or approximate date of earliest beneficial use; and how continuous the use has been: prior to 1914 and continuous since.

3. The amount of groundwater claimed (in miner’s inches or gallons per minute): 6,000 gallons per minute.

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

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

6. The depth of water table: About 10’. dredged out to put water on surface.

7. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for withdrawal of groundwater: In center of pond is an excavation in excess of 6’ deep, from which water spreads over approximately one-half acre of surrounding ground.

8. The estimated amount of groundwater withdrawn each year: 150 acre-feet.

9. The log of formations encountered in the drilling of each well if available: Sandy Silt Loam and Blue Clay.

10. The location of each well or other means of withdrawal: Water has been removed since 1914 or before, pumps put in recently.

11. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: nothing.

Signature of Owner: December 30, 1963

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

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

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

Thereby certify that the within instrument was filed in this office on
DEC 30 1968.

4:47 o'clock P.M.

J. L. LENNON
County Clerk and Recorder.

By: [Signature]
Deputy.
W. D. WEIR

Declaration of Vested Groundwater Rights
(Under Chapter 271, Montana Session Laws, 1961)

1. Name of Appropriator

2. The beneficial use on which the claim is based: domestic use, irrigation and livestock water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: approximately 1914

4. The amount of groundwater claimed (in miner's inches or gallons per minute) in excess of 200 gallons per minute on each well

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: approximately 1914

8. The depth of water table: Well #1 = 10 feet; Well #2 = 60 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Well #1 = 10 feet deep; Well #2 = 60 feet deep. Well #1 is a 2" open hole, and Well #2 is a 5" inch cased hole.

10. The estimated amount of groundwater withdrawn each year: 10 million gallons more or less

11. The log of formations encountered in the drilling of each well if available: Sandy Silt, Loam, and Blue 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: Original Deed on file in courthouse - Cascade County

Signature of Owner

Date: December 30, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
STATE OF MONTANA, \( \text{c} \) \( \text{c} \)
County of Cascade.

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

\( \text{DEC 30 1968} \)

\( 4:48 \text{ PM} \)

F. R. HIXSON
County Clerk Recorder.

By \( \text{D} \) A. SCHMIDT
County Clerk.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Stewart Coal, of Cascade
   (Name of Appropriator) (Address) (Town)
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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2. The beneficial use on which the claim is based: Household use, watering stock and irrigation for garden.

3. Date or approximate date of earliest beneficial use: Well drilled before 1925 and has been used continuously since.

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

5. If used for irrigation, give the average and description of the lands to which water has been applied and name of the owner thereof: Primarily used for household use and watering livestock. Also used for irrigating small garden.

6. The means of withdrawing each water from the ground and the location of each well or other means of withdrawal: Water is pumped from the well to the house and water troughs for livestock and for garden irrigation.

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

8. The depth of water table: 100 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Well is 100 feet deep and water is within 12 feet of the surface. Well has 6-inch casing.

10. The estimated amount of groundwater withdrawn each year: 1200 gallons per day.

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

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

Signature of Owner: Eleven Ponds Date: December 11, 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 Cascade

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

[Signature]

Notary Public
**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER**

**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.

**Notice of Completion of Groundwater Development**

**Terry L. and/or Nicky H. Putnam**

Owner

Address 2312-Central Ave.

Great Falls, Montana

Date well started 2-20-1973

Date well completed 2-28-1973

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**

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Static water level 80 feet.
Pumping water level 160 feet.

*Measured from ground level.

Well developed by ___________ for ___________ hours.

Power ___________ Pump ___________ HP

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

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

Driller's Signature ___________________________ Driller's Address 2112-7th Ave., South

Great Falls, Montana LICENSE NO. 1/2

168' Show exact depth of bottom
STATE OF MONTANA, ex h.
County of Cascade.

I hereby certify that the within instrument was filed in this office on
APR 18 1973

at
3:51 o'clock P.M.

J. L. LENNON
County Clerk and Recorder.

[Signature]

Deputy.
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<tr>
<td>35</td>
<td>Hastings, Hugh F.</td>
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<td>4139</td>
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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 Northern Materials
Address 2100 9th Ave. N, Great Falls, Montana

Date well started March 21, 1973
completed May 6, 1972

Type of well Drilled
Equipment used Rotary

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

*Describe Air Pollution Control Equipment
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 3,000,000 Gals

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Depth of Casing</th>
<th>Pump (G.D.)</th>
<th>To (Foot)</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 7/8</td>
<td></td>
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</tr>
<tr>
<td>5 5/8</td>
<td></td>
<td></td>
<td>540</td>
</tr>
<tr>
<td>3 3/4</td>
<td>5&quot; .250 Steel</td>
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PERFORATIONS

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<th>Size</th>
<th>From</th>
<th>To</th>
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N
W
S

Static water level 350 ft.
Pumping water level 500 ft.

*Measured from ground level.

Well developed by Air Pump for ____________ hours.

Power Driver Pump 100 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 Address 503 - 9th St. N

Great Falls, Montana.

LICENSE NO. 218

Driller’s Signature

COUNTY Cascade

DRILLER’S LOG

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

Top of Ground

From | To | Depth |
<table>
<thead>
<tr>
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<td>50</td>
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<td>15</td>
<td>Light soft Shale</td>
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<tr>
<td>15</td>
<td>20</td>
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<td>45</td>
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<tr>
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<td>Grey Shale</td>
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<tr>
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<td>55</td>
<td>Light Brown Sandstone</td>
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<tr>
<td>95</td>
<td>100</td>
<td>Grey Sandstone</td>
</tr>
</tbody>
</table>

Driller’s Address 503 - 9th St. N

Great Falls, Montana

LICENSE NO. 218

610 Show exact depth of bottom
STATE OF MONTANA

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

JUN 8, 1973

J. E. EDMONSON
County Clerk and Recorder
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1961
George G. Conner
Co-Owner
Address: Box 379, Route 1 East
Great Falls, Montana

Contractor (if any) Date Started: June, 1961 Date Completed: October, 1961
Address of Contractor

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes": Include depth to
ground water when applicable. **Trenched and filled... 3½ to 7 feet.**

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

estimate approximate lengths of periods of use. **Fills one gallon jug in 27 seconds**

**Roughly steady.**

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

**66...66 NW Sec. 719, R. 2 East**

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

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

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

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

DEC 24, 1905

at 1:08 o'clock P.M.

J. L. LENNON
County Clerk and Recorder.

By

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

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

STATE ENGINEER

1. Edward Zee
   (Name of Appropriator)
   County of Cascade
   State of Montana

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since 1963. Continues...

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 3 gallons per minute (Well) 5 gallons per minute (Spring).

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: WELL COMPLETED IN APRIL 1948 (PERMANENT WELL) EARLIER WELL ABANDONED (JULY 1953)

8. The depth of water table: 10 ft to 30 ft...

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Well depth 12 ft per 500 ft.

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

Signature of Owner: Edward Zee
Date: 12-21-63

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA, \textit{ex}.
County of Cascade.

I hereby certify that the within instrument was filed in this office on
DEC. 30, 1893.

\begin{center}
\textbf{Date:} \\
\textbf{at 2:30 p.m.}
\end{center}

\begin{center}
\textbf{J. L. Lennie} \\
County Clerk and Recorder.
\end{center}

\begin{center}
\textbf{By} \\
\textbf{Deputy.}
\end{center}
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. FRANK L. BALL, of Ulm (Name of Appropriate) (Address) (Town)
   County of Cascade 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 is the domestic and commercial use of said water for drinking, cleaning and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: The first beneficial use was in March, 1956, and such use has been continuous to date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). The groundwater claimed is 300 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. Such water has been used for irrigation on Lots 10 and 11, Block 2, of Townsite of Ulm, Cascade County, Montana, which lands are owned by Frank L. Ball.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Such water is withdrawn from a well located on Lot 2 of Blk 2 Townsite of Ulm, Cascade Cty, Mont. with the aid of a pump which is also located on said Lot.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. The well was commenced in March, 1956, and all facilities completed in April, 1956.

8. The depth of water table is approximately 20 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. The depth of the well is 182 feet.

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

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

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

Signature of Owner

Date February 11, 1966

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

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

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

I hereby certify that the within instrument was filed in this office on
FEB 15 1966

Date
of 3:00 o'clock P.M.

J. L. LENNON
County Clerk and Recorder

By: [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. JOHN E. BALL
   (Name of Appropriator)
   2800-1st Ave. North, Great Falls
   (Address)
   Cascade
   (Town)
   Montana
   (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: Used in operation of bar and cafe known as Village Inn.

   3. Date or approximate date of earliest beneficial use: August 21, 1953—Everyday operation.

   4. The amount of groundwater claimed (in pipes' inches or gallons per minute): 1000 Gals. Hr. or 167-2/3 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:

   Limited Irrigation—Small garden-trees, flowers, etc.
   Lot 200x200 ft. Lot 2, Sec. 6, T.19 N., R. 2 E.

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

   Six inch well casing. Twenty ft. 1/4" pipe connected inside casing connected to 1 h.p. Jet Pump.

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

   June 20-1852 to June 30, 1852

   185 ft.

   8. The depth of water table:

   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, 185 ft. deep, cased with six inch steel casing, Withdrawal accomplished with 1 h.p. Jet Pump.

   10. The estimated amount of groundwater withdrawn each year: 360,000 gals per year.

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

   1-10 ft.—Clay
   10-15 ft.—Sand with water
   15-75 ft.—Glacial Drift—Sandstone
   75-185 ft.—Water Bearing Sandstone

   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:

   Well drilled by Kelvin Franklin of Great Falls—Deceased in 1962

Signature of Owner
Date: August 21-1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.
STATE OF MONTANA, ex.
County of Cascade.
I hereby certify that the within instrument was filed in this office on
AUG 7 1963
at 11:35 a.m.

J. L. LENNON
County Clerk and Recorder.

Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER RIGHTS
OFFICE OF STATE ENGINEER

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

1. Name of Appropriator
   of
   (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
   April 1, 1934 - Everyday use

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

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

6. The means of withdrawing 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
   1-4-1914

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, } vs.
County of Cascade.

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

DEC 1 9 1 9 5 3
at 10:30 o'clock A.M.

J. L. LENNON
County Clerk and Recorder.

By: 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. Richard E. Bogden, of Ula, State of Montana,
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962,
   as follows:

   The beneficial use on which the claim is based...
   Domestic and Watering Stock

   Date of approximate date of earliest beneficial use; and how continuous the use has been...
   November 15, 1954; continuous since that time

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

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

   Indicate point of appropriation and place of use, if possible.
   Electric pump on well; located NW 1/4 of NW 1/4, Sec. 5, T19N, R2E, Ulm, Cascade County, Montana

   The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...
   Commencement date unknown. Completion date November 15, 1954.

   The depth of water table...
   140 feet

   So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater...
   Well, 140' deep, with a 5" casing extending entire length; 1/4 horsepower electric pump is connected to 40' of 2" pipe which extends down into the casing.

   The estimated amount of groundwater withdrawn each year...
   1,314,000 gallons per year

   The log of formations encountered in the drilling of each well if available...
   The log of formations is not available.

   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
   Richard E. Bogden
   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
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner

Address

State of Montana 59185

Date well started

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).

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

Driller's Signature

Driller's Address

LICENSE NO. 28

RECEIVED

County

Country

Top of Ground (Elev. above sea level)

<table>
<thead>
<tr>
<th>From (Feet)</th>
<th>To (Feet)</th>
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<tbody>
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</tbody>
</table>

Static water level 1 ft above ground level.

Pumping water level 1 foot below static water level at 30 gallons per minute, measured 15 minutes after pumping began.

*Measured from ground level.

Well developed by drilling for 20 hours.

Power Pump 10 HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)
STATE OF MONTANA.
County of Cascade.

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

JUN 28 1973

J. L. LENNON
County Clerk and Recorder

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. Name of Appropriator: ___________________________ (Name of Appropriator)
   Address: ___________________________ (Town)
   County of Cascade: ___________________________ 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: General Household and livestock watering.

3. Date or approximate date of earliest beneficial use: 1930; no interruption.

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:

   Electric motor-driven pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: prior to 1930.

8. The depth of water table: 25 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   1 1/2" pipe on a sump.

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:

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:
   Book 6, line 20; line 2.


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.

29238
STATE OF MONTANA
County of Cascade

Therefore it is that the within instrument was filed in the offices of

DEC 31 1959

9:47 a.m.

By

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

1. Henry C. and Anna M. Kendig, Box 243, (Name of Appropriator)
   Cascade, Montana (State of)
   County of Montana

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

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

   3. Date or approximate date of earliest beneficial use and how continuous the use has been: Feb. 1963 since

   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: Jan. 10, 1962 to May 15, 1963

   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: 30,000 gal. Annual

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

   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: Henry Kendig
   Date: Dec. 36, 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; Tripliicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA, }s.
County of Cascade.

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

DEC 30, 1863

Day

at 11:54 o'clock a.m.

J. L. LENNON
County Clerk and Recorder.

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

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

County of Cascade State of Montana

1. Carl E. Johnson of Ulm
   (Name of Appropriator) (Address) (Town)

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

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

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

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10.0 gals. per minute

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

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

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

   8. The depth of water table: 18.0 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: Water, 6" casing, 180 ft. deep

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

   11. The log of formations encountered in the drilling of each well if available: I do not know

   12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: Book 3 Page 21 Line 5

   Signature of Owner: Carl E. Johnson
   Date: Dec. 30, 1962

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

1. **Anna C. Largent**
   - **County**: Cascade
   - **State**: Montana
   - **Address**: 710, 9th Ave North, Great Falls

   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 Live Stock

   3. Date or approximate date of earliest beneficial use: **March 1930**
      - Continuous without interruption

   4. The amount of groundwater, claimed (in miner's inches or gallons per minute): **at least 10 gallons**

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **1930 to 1939; 1947 to 1949**
      - for Live Stock

   8. The depth of water table: **between 20 ft and 50 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:
      - **All are 10 inch wells measuring 2-20 ft**

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

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

   **Signature of Owner**
   - **Anna C. Largent**
   - **Date**: Dec 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geography, and Quadruplicate for the Appropnator.
STATE OF MONTANA,
County of Cascade.

I hereby certify that the within instrument was filed in this office on
DEC 31, 1919.

[Signature]

J. L. LENNON
County Clerk and Recorder.

[Signature]

Deputy.
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

**1. Melinda J. LeFevre**

*Name of Appropriator*  

*Address*

*Town*

*County of* Cascade  

*State of* Montana

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>W</th>
<th>F</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>2</td>
<td>3</td>
</tr>
</tbody>
</table>

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

*Household and livestock*

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

*Established, without interruption*

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

*Eight gallons*

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

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

*Electric submersible pumps*

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

*April 1931*  

**8. The depth of water table**  

*About 23 feet*

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

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

*2,400 gallons*

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

*Gumbo 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 applicable*

Signature of Owner **Melinda J. LeFevre**  

Date Dec 31, 1963

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA, \textit{exa.}
County of Cassida.

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

\textbf{Date:} 10:10 o'clock \textbf{A.M.}

\textbf{J. E. LENNON}
County Clerk and Recorder.

\textbf{Deputy.}
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

M. E. McGregor
of
Box 234
Ulm

County of Cascade
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, stock and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: September 15, 1960.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 9.177 acres.

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: September 6, 1960 to September 9, 1960.

8. The depth of water table: 16 ft. from top.

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: 3 inch casing 11 ft. per ft. driven to top of sand rock at 73 ft. open hole to 80 ft. total depth.

10. The estimated amount of groundwater withdrawn each year.

11. The log of formations encountered in the drilling of each well if available: 0 to 5 ft. Sandy Loam, 5 to 60 silt, 60 to 63 quick sand, 63 to 70 silt, 70 to 73 Yellow Shale, 73 to 80 sand rock, water.

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

Signature of Owner: Malcolm E. and Ella F. McGregor
Date: April 15, 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.
STATE OF MONTANA
County of Cascade.

I hereby certify that the within instrument was filed in this office on
APR 15 1968
at 12:11 o'clock P.M.

J. L. LENNON
County Clerk and Recorder.

By _______________________
Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION 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)

Owner: ERWIN MEYTHKE
Address: ULM, MONT

Driller: ERWIN MEYTHKE
Address: ULM, MONT

Date of Notice of appropriation of groundwater: OCT, 1966
Date well started: DEC, 1966
Date completed: OCT, 1967

Type of well: BORED
Equipment used: AUGER
(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>Type of Strata</th>
<th>Depth</th>
<th>Character</th>
</tr>
</thead>
<tbody>
<tr>
<td>8 FT Red Sand</td>
<td>20'</td>
<td>FINE TO START COURSE DEEPER</td>
</tr>
<tr>
<td>15' Water in Sand</td>
<td>30'</td>
<td></td>
</tr>
<tr>
<td>6' Fine Sand</td>
<td>6'</td>
<td></td>
</tr>
<tr>
<td>1 FT Loam</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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 copies to be retained by driller.

Please answer all questions. If not applicable, no space, otherwise the form will be returned.

Driller's License Number

Driller's Signature
STATE OF MONTANA, Jrs.
County of Cascade.

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

June 4, 1906

3:35 o'clock P.M.

J. L. LENNON
County Clerk and Recorder

By

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

1. I, __________________________ of __________________________, (Name of Appropriator) County of __________________________, State of __________________________, 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 __________________________. (describe lands to be benefited, if for irrigation)

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

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

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 __________________________.

* 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 pressure 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 QuadIFICATE for the Appropriator.
STATE OF MONTANA, ex.
County of Cascade.

I hereby certify that the within instrument was filed in this office on
APR 4 - 1968

___
Date

3:36 O'clock P.M.

J. L. LENNON
County Clerk and Recorder.

By ____________
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. Albert L. Smith, ___________________________ of Box E, ____________
   (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:
   _1951_andกระตุ้นed continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 gallons per minute or more

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   - May 1951 and thereafter

8. The depth of water table:
   - Shallow water table 20 feet, Deep water table 150 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:
   - Two shallow wells, with driven well points.
   - One deep grillage well with 6 in. well casing

10. The estimated amount of groundwater withdrawn each year:
    - 100,000 gallons for irrigation
    - 20,000 gallons for household

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

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 _______________________

December 27th 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 Approprieator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

STATE ENGINEER

1. Oliver William Edgar, of Box 113, Zephyr Mountain,
County of Cascade, 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 use.

3. Date or approximate date of earliest beneficial use and how continuous the use has been: 
   - May 28, 1958
   - Continuous since this time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 30.9 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:
   - Acreage: 100
   - Location: Lot 11, Block 5.
   - Date: June 11, 1963

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   - Well: Lot 11, Block 5.

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: 187.67.

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: 194 ft, 5" casing.

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

11. The log of formations encountered in the drilling of each well if available:
   - Mud & 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:
   - Montana Code, Title 81, Chapter 13.
   - No record.

Signature of Owner: 
Date: June 11, 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 Cascade.
I hereby certify that the within instrument was filed in this office on
JUN 23 1963.
Date
at 10:28 o'clock A.M.
J. L. LENNON
County Clerk and Recorder.
By
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. BETTY JEN PAYNE
(Name of Appropriator) of ULN
(Address) (Town)

County of CASCADE 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 LAWN

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

   1942 CONTINUES WITHOUT INTERRUPTION

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

   10 GALLONS

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

   LAMP ONLY

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

   ELECTRIC DRIVE MOTOR PUMP

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

   1942

8. The depth of water table:

   186

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:

   186 ft DEEPEST LIN. CASTING

10. The estimated amount of groundwater withdrawn each year:

    75,000 HOUSEHOLD 100,000 LAWN

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

    SAND, GUNDO, GLACIAL

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

    COUNTY RECORD BOOK 4 PAGE 138 LINES 7

Signature of Owner: BETTY JEN PAYNE
Date: Dec 31, 1962

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA, } 1st.
County of Cascade.

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

DEC 31 1965

Date

at 11:00 o'clock A.M.

J. L. LENNON
County Clerk and Recorder.

By
Deputy.
Top of Ground
(Elev. above sea level 3460 ft.)

C to 2 ft from top

2-14 sand

14-15 deep sand

15-30 clay shale

30-31 dolomite

31-40 sand and rock

Water filled up to 12 ft from top.

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

Owner: J. W. Johnson
Address: 233, 7th Ave. N.
Driller: E. D. Rafferty
Address: 225, 10th St. S.

Date of Notice of Appropriation of Groundwater

Date well started: Jan 1, 1964
Date Completed: Jan 1, 1964

Type of well: Drilled
Equipment Used: Churn Drill
(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.

Static Water Level for non-flowing Well 12 ft. from top.

Shut-in Pressure for Flowing Well non-flowing.

Pumping Water Level: 14 ft. feet at 60 gal. per minute.

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

How Tested: Driller
Length of Test: one hour

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)

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

Show exact depth of bottom.

Driller's License Number

Driller's Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA, County of Cascade.

I hereby certify that the within instrument was filed in this office on JAN 20 1964 at 2:30 o'clock P.M.

J. L. LENNON
County Clerk and Recorder.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. RUSSELL E. SPARROW
   (Name of Appropriator) of ULM
   (Address) (Town)

   County of CASCADE 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 LAWN

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1956 Continues without interruption

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

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1956

   8. The depth of water table: 185 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.
      DEEPWELL 185 ft WITH 2" GASHING

   10. The estimated amount of groundwater withdrawn each year: 50,000 household 75,000 IRRIGATION

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

   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; Tripletic to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
STATE OF MONTANA,
County of Cascade.

I hereby certify that the within instrument was filed in this office on
DEC 31 1969
BE FROM 11:00 a.m. of 1969.

J. L. LENNON
County Clerk and Recorder.

By. 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. Name of Appropriator: [Name of Anpropriator]  
   Address: [Address]  
   Town: [Town]  
   County: [County]  
   State: [State]  

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

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

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 references to book and page of any county record:  

   Signature of Owner:  
   Date: 2.26.1963

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 Appropriate.