File No. 5360
Filed for record
this 24 day of May
A.D. 1922, at 3:00
o'clock P.M.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1964)

County of Cascade, State of Montana

File No. T.20 N.R.3 E.

One of Appropriator of groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. Larry Aaberg, of 706 - 6th Ave., Northwest, Great Falls,
   (Name of Appropriator) (Address) (Town)

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been—July 1963, and will be used continuously.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof—Lot 8, McLean Garden Tracts, Sec. 23, T.20N., R.3 E.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal—Water withdrawn by electric pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater—July 1963.

8. The depth of water table—26 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 26 feet deep; Has 14 feet of water in it, and the water is 12 feet from the surface of the ground; Has 2 inch casing.

10. The estimated amount of groundwater withdrawn each year—Has not been in operation for a year.

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

Date December 26, 1963

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

### 1. Larry Aaberg

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
<th>County</th>
<th>State</th>
</tr>
</thead>
<tbody>
<tr>
<td>Larry Aaberg</td>
<td>706 - 6th Ave, Northwest, Great Falls</td>
<td></td>
<td>Cascade</td>
<td>Montana</td>
</tr>
</tbody>
</table>

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 water for camp ground and trailer house of Montana Mobile Trailer Court, Inc.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May 1959. Continuous use from then to present date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 30 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: 10 acres. Lot 8, McLean Garden Tracts, Sec. 23, T. 20 N., R. 3 E.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: May 1959.

8. The depth of water table: 26 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 26 feet deep; has 10 feet of water, and 4 feet of gravel filter. Well is about 12 feet from surface of ground. Well has 2 inch casing.

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

Date: December 26, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the 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 DEC 30 1864.

9:03 o'clock A.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. Donald A. Bartsh
   (Name of Appropriator)
   of R.R. #1
   Great Falls
   (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 use, irrigation of trees, shrubs, lawn, pasture, garden.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   From June 15, 1951, use has been daily.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 300 gallons per minute.

5. If used for irrigation, give the name and description of the lands to which water has been applied and name of the owner thereof:
   Land involved is 1.52 acres in Tract B of McCollum Tracts; portion of McCollum Tracts, SE3E (NE B), Sec. 23, Twp. 20, R. 3E,
   on River Road approx. 1 1/2 mi. south of Great Falls.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Sandpoint on two-inch casing; 2-inch line; Jet pump; Well is located at southeast corner of dwelling on above-named property.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   Well started approximately Oct. 15, 1951, completed same week.

8. The depth of water table:
   Approximately 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:
   The one well on property is about 15 feet deep; well dug approximately 10 feet, sandpoint driven to water table; jet pump in basement of residence; pumps on 2-inch line from 2-inch casing in well. Approximate residence, well is outside basement wall at southeast corner of residence, about 10 feet from south of outside of basement wall, at southeast corner of residence.

10. The estimated amount of groundwater withdrawn each year:
    475,000 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:
    Bertrand Sec. 23 p. 329.

    Recorded in Cascade County.

Signature of Owner
Date: Dec. 30, 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 County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

**STATE OF MONTANA**

**ADMINISTRATOR OF GROUNDWATER CODE**

**OFFICE OF STATE ENGINEER**

1. **WALTER F. BERNARD, a Route 1, Sa Great Falls**

   **(Name of Appropriator)** 

   **Cascade County**, 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:

   [Blank]

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

   [Blank]

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

   [Blank]

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:

   [Blank]

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

   [Blank]

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

   [September 1, 1968]

8. The depth of water table:

   [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:

   [About 20 feet, 1/2" Sand point Jet Pump]

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:

    [Clay of quicksand]

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:

    [Blank]

**Signature of Owner**

[Signature]

**Date**

[Dec. 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,

COUNTY OF CASCADE.

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

[Signature]

J. L. LENNON
County Clerk and Recorder.

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)

1. [Name of Appropriator]
   Address ____________________________
   Town ______________________________
   County of __________________________
   State of ____________________________
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based
   - [Well, Household, Irrigation, etc.]

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

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

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, Description, Owner's Name]

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   - [Means of Withdrawal, Location]

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

8. The depth of water table
   - [Depth]

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
   - [Type, Size, Depth or Specifications]

10. The estimated amount of groundwater withdrawn each year
    - [Amount]

11. The log of formations encountered in the drilling of each well if available
    - [Log of Formations]

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

Signature of Owner ________________________________
Date ________________________________

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)

Richard H. Converse
Name of Appropriator

Cascade
Town

Montana
State

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

1. Lot 19, Block 2, Pearson
   Addition
   Great Falls, Mont.

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

3. Date or approximate date of earliest beneficial use and how long
   use has been continuous since then
   March 9, 1950

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   Feb. 15-18, 1961

8. The depth of water table
   25' from surface of well

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 50' deep

10. The estimated amount of groundwater withdrawn each year
    60,000

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

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

Signature of Owner

Date 12/30/63

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

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

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

I hereby certify that the above instrument was filed in this office on
DEC 30, 1907

at 9 o'clock A.M.

J. L. LENNON
County Clerk and Recorder.

By

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: J. W. Devine
Address: Park Garden Trust
St. Falls, Montana

Date well started: Nov. 19, 1970
Completed: Nov. 24, 1970

Type of well: Drilled
Equipment used: Churn drill
Water Use: Domestic □ Municipal □ Stock □ Irrigation 
Industrial □ Drainage □ Other □ Garden/Lawn

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of</th>
<th>Rise and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7&quot;</td>
<td>7&quot; 17'</td>
<td>0</td>
<td>152</td>
<td></td>
</tr>
<tr>
<td>5&quot;</td>
<td>5½ 15'</td>
<td>0</td>
<td>230</td>
<td></td>
</tr>
</tbody>
</table>

Static water level: 18 ft.
Pumping water level: 30 ft.

*Measured from ground level.
Well developed by: Driller
for 2 hours.
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: Great Falls, Montana

LICENSE NO. 135

Show exact depth of bottom

230
STATE OF MONTANA, } ss.

County of Cascade.

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

DEC 18 1970

at 10:50 o'clock A.M.

J. L. LENNON

County Clerk and Recorder.

By: 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, 1963
(Under Chapter 237 Montana Session Laws, 1951, as amended)

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

Owner
J. W. Devine
Address
Park Jordon Trust
St. Falls, Montana

Date well started
Nov. 19, 1970
Date well completed
Nov. 24, 1970

Type of well
Drilled

Equipment used
Churn drill

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

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Use of Water</th>
<th>Rate and Time Cor.&quot;</th>
<th>From</th>
<th>To</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>7th</td>
<td>7' 17&quot; 0</td>
<td>152</td>
<td></td>
<td></td>
</tr>
<tr>
<td>5th</td>
<td>54' 15&quot; 0</td>
<td>230</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static water level 18 ft.
Pumping water level 30 ft.
at 30 gallons per minute, measured minutes after pumping began.
*Measured from ground level.

Well developed by 
for 2 hours.

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

Top of Ground (News below sea level)

<table>
<thead>
<tr>
<th>From</th>
<th>To</th>
<th>Plant</th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>25</td>
<td>Sand</td>
</tr>
<tr>
<td>27 (H)</td>
<td>145</td>
<td>Silty sand</td>
</tr>
<tr>
<td>145 (H)</td>
<td>155</td>
<td>Gray shale</td>
</tr>
<tr>
<td>156 (H)</td>
<td>22 (H)</td>
<td>Silty sand</td>
</tr>
<tr>
<td>22 (H)</td>
<td>230</td>
<td>Sand gravel clay water</td>
</tr>
</tbody>
</table>

Driller's Signature

Driller's Address
Great Falls, Montana

License No. 123

COUNTY Casco

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.
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 Appropirator: [Name]

County of: [County]

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: [Date]

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

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: [Date]

8. The depth of water table: [Depth]

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: [Amount]

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: [Signature]
Date: [Date]

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

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

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

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

1. James T. Engebretsen, Jr., of Rt. 1, South 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:

   NE 1/4 SE 1/4 T.30 N. 3 East

   NE 1/4 SE 1/4 T.30 N. 3 East

   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 for Domestic purposes + irrigation of lawns.

   3. Date or approximate date of earliest beneficial use: and how continuous the use has been. 1952

   Regular Household Use

   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. Lawn Purposes only

   R. P. Electric Pump, NE 1/4 SE 1/4 T.30 N. 3 East

   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.

   1952

   8. The depth of water table. 200 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.

   1/2 inch, 2 1/2 casing, 20 ft. deep

   10. The estimated amount of groundwater withdrawn each year. Approx. 30,000 gal

   11. The log of formations encountered in the drilling of each well if available. Sand 50', Guang 1000'

   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: James T. Engubretsen
   Date: Dec. 14, 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
OFFICE OF STATE ENGINEER

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

1. Mrs. Pauline Fay, of Route 1 South, Great Falls, Montana
   (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.
   Home and Irrigation

3. Date or approximate date of earliest beneficial use, and how continuous the use has been.
   April 1, 1951, use has been continuous since that date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Approx. 1,200 gallons per hour.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
   1.25 acres, lawns and gardens. Mrs. Pauline Fay, owner.

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

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

8. The depth of water table.
   25-20 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.
   25', sand points.

10. The estimated amount of groundwater withdrawn each year.
    750,000 gallons.

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

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

   Signature of Owner
   Mrs. Pauline Fay

   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 to the Appropriate.
STATE OF MONTANA

County of Cascade

I hereby certify that the within instrument was filed in this court:

DEC 30, 1905

I. L. LENNO,

Clerk and Recorder

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

Owner: James Kostohryz
Address: Great Falls, Mont.

Driller: Thomas B. Franklin
Address: Great Falls, Mont.

Date of Notice of Appropriation of Groundwater: August 23, 1963
Date well started: August 25, 1963
Date completed: August 30, 1963

Type of well: Drilled, Driven
Equipment Used: Cable tools

(Chern, drill, rotary or drilled)

Water Use: Domestic ☑, Municipal ☐, Other ☐, Irrigation ☑
Industrial ☐, Drainage ☐, Stock ☐

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

<table>
<thead>
<tr>
<th>Start of Drilled Hole</th>
<th>Size and Weight of Cutting</th>
<th>Pressure (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5' inch</td>
<td>5' inch 5/8 top</td>
<td>14 lbs.</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 25 feet
Shut-in Pressure for Flowing Well
Pumping Water Level: 35 feet at 20 gal. per minute
Discharge in gal. per min. of flowing well
How Tested: Bail
Length of Test: 4 hrs.

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

84

Driller's License Number
Thomas B. Franklin
Driller's Signature

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

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

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

12957
STATE OF MONTANA, ss.
County of Cascade.

I hereby certify that the within instrument was filed in this office on
20, 1968.

J. L. LENNON
County Clerk and Recorder.

Deputy.
### Water Well Log

**Owner:** Leonard Lehman  
**Address:** St. Helens, Montana  
**Driller:** W. B. Rafferty  
**Address:** Great Falls, Montana  
**Date Started:** May 19, 1958  
**Date Completed:** May 26, 1958

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Drilled</th>
<th>Equipment Used</th>
<th>Churn Drill</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Water Use</th>
<th>Domestic</th>
<th>Municipal</th>
<th>Stock</th>
<th>Irrigation</th>
<th>Industrial</th>
<th>Drainage</th>
<th>Other</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>0 ft. to 30 ft.</th>
<th>Type:</th>
<th>Size:</th>
<th>Size:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Casing:</th>
<th>ft. to ft.</th>
<th>Type:</th>
<th>Size:</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Ft. to Ft.</th>
<th>Ft. to Ft.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Type of Screen or Perforations:</th>
<th>Casing driven to top of Sand Rock</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Static Water Level, for non-flowing well:</th>
<th>50 ft. from top</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Shut-in Pressure, for flowing well:</th>
<th>lb./sq. in: (date)</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Pumping Water Level:</th>
<th>50 ft. from top:</th>
<th>Feet at</th>
<th>30 gal. per min.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>How Tested:</th>
<th>Drill</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Length of Test:</th>
<th>2 hrs.</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Remarks:</th>
<th>(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Depth, feet</td>
<td>From</td>
</tr>
<tr>
<td>-------------</td>
<td>------</td>
</tr>
<tr>
<td></td>
<td></td>
</tr>
<tr>
<td>0</td>
<td>4</td>
</tr>
<tr>
<td>14</td>
<td>45</td>
</tr>
<tr>
<td>45</td>
<td>196</td>
</tr>
<tr>
<td>196</td>
<td>204</td>
</tr>
<tr>
<td>204</td>
<td>206</td>
</tr>
<tr>
<td>206</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

2. The beneficial use on which the claim is based

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

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

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

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

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

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner

Date

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

C. J. LINTZ

County of Cascade

State of Montana

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

1. Name of Appropriator: C. J. Lintz

2. The beneficial use on which the claim is based: for house, hold and for watering lawn, trees, garden

3. Date or approximate date of earliest beneficial use: Nov. 8, 1955. Used every day.

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: not used for irrigation on acreage

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: deep well pump, seven feet from house on the north side.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: The well was started on Oct. 15, 1955 and was completed on Nov. 8, 1955.

8. The depth of water table: 120 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled well with 6" casing 125' deep.

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: next 160 feet heavy clay and last 15 feet 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: C. J. Lintz

Date: 12-7-63

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, ex.
County of Cascade.
I hereby certify that the within instrument was filed in this office

OCT 7 - 1963
Date
at 11:15 A.M. o'clock A.M.

J. L. LENNON
County Clerk and Recorder.

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

Owner: ____________________________ Address: ____________________________
Driller: ____________________________ Address: ____________________________
Date of Notice of Appropriation of Groundwater: ____________________________
Date well started: __________________ Date Completed: __________________
Type of well: __________________________ Equipment Used: __________________________
(dug, driven, bored or drilled) (Charn, drill, rotary or other)
Water Use: Domestic □ Municipal □ Other □ Irrigation □
Industrial □ Drainage □ Stock □

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

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

Static Water Level for non-flowing Well: __________ feet.
Shut in Pressure for flowing Well: __________________
Pumping Water Level: __________ feet at: __________ gal. per minute.
Discharge in gal. per min. of flowing well: __________
How Tested: __________________ Length of Test: __________
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): __________________

Indicate location of well and place of use, if possible. Each small square represents 10 acres.
Show exact depth at 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 Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA, ex. p. 

County of Cascade.

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

SEP 25 1904

[Signature]

J. L. LERNER

County Clerk and Recorder.

By:

[Signature]
Montana Bureau of Mines and Geology  
Butte, Montana

**Water Well Log**

<table>
<thead>
<tr>
<th>Type of Well</th>
<th>Equipment Used</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drill, driven, bored, or drilled</td>
<td>(Chisel drill, rotary, other)</td>
</tr>
</tbody>
</table>

**Water Use**

- Domestic [x]
- Municipal [ ]
- Stock [ ]
- Irrigation [ ]
- Industrial [ ]
- Drainage [ ]
- Other: [ ]

**Casing**

<table>
<thead>
<tr>
<th>Casing:</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>ft. to ft.</td>
<td>ft.</td>
<td>ft.</td>
</tr>
<tr>
<td>ft. to ft.</td>
<td>ft.</td>
<td>ft.</td>
</tr>
</tbody>
</table>

**Perforated or Screened**

<table>
<thead>
<tr>
<th>Perforated or Screened:</th>
<th>Ft. to Ft.</th>
</tr>
</thead>
</table>

**Type of Screen or Perforations**

**Static Water Level**

- For Non-flowing Well: 12 ft. from surface

**Shut-in Pressure**

- For Flowing Well: 10 lb./sq. in. on: (date)

**Pumping Water Level**

- 35 ft. feet at 3 g. per min.

**How Tested**

- [ ] Other

**Length of Test**

- 2 hr.

**Remarks**

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

| Remarks: | 2 gal. has been chlorinated |

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 13 ft</td>
<td>Vacine drift. 13 ft. pipe in gravel and sand with water.</td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

County of __________________________ State of Montana

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

1. **Name of Appropriator**
   - **Address**
   - **Town**

2. The beneficial use on which the claim is based.
   - **Location**
   - **Water Sources**

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
   - **Amount**
   - **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.
   - **Acreage**
   - **Description**
   - **Owner**

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

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

8. The depth of water table.
   - **Depth**

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.
   - **Details**

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

11. The logs of formation, if available, or the drilling of each well if available.
    - **Formation Logs**
    - **Drilling Logs**

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.
    - **Reference**

Signature of Owner __________________________ Date ____________

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

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

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

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

1. I, [Name of Appropriator], of Great Falls, Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is: For Household Use and Irrigating Lawns, Shrubbery, and Trees

3. The rate of 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 and license number:

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

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

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

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

I hereby certify that the within instrument was filed in this office on
JAN 30 1896.

12:40 P.M.

J. T. LEONARD
County Clerk and Recorder.

R. L. Dallen
Deputy
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: J. A. JEFFERY
Address: GREAT FALLS, MONT.

Driller: THOMAS B. FRANKLIN
Address: GREAT FALLS, MONT.

Date of Notice of appropriation of groundwater: AUG. 10, 1966

Date well started: AUG. 25, 1966
Date completed: AUG. 30, 1966

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

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 Inch</td>
<td>5 Inch</td>
<td>Top</td>
<td>Bottom</td>
<td></td>
</tr>
</tbody>
</table>

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

How Tested: Bailee
Length of Test: 2 hours
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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 or other data (i.e.: Lot, Block and Addition).

Driller’s License Number

Driller’s Signature
STATE OF KENTUCKY.
County of [Name].

Therefore at the County Court, a statement was filed in the office of

JAN 3 1881

By: [Signature]

County Clerk
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

**Carrier 42, Park Garden Road**  
Great Falls, Montana

State of Montana

1. **Tom McCall**  
(Name of Appropriator)

2. **County of Cascade**  
(State of Montana)

3. **Carrier 42, Park Garden Road**  
(Address)

4. **Great Falls**  
(Town)

5. **County of Cascade**  
(State of Montana)

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

**Signature of Owner**

**Date**  
2/2/1963

The beneficial use on which the claim is based: **Domestic household, stockwater, irrigation, farming**

- The date or approximate date of earliest beneficial use; and how continuous the use has been: **January 1, 1923 and continuous since thereafter**

- The amount of groundwater claimed (in miner's inches or gallons per minute): **30 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: **One and a half acres, Garden, yard, grass, hay, land, shelter beds, owned by Tom McCall**

- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: **Electrically powered jet pump**

- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **Commenced and finished in 1922**

- The depth of water table: **Twenty (20) feet**

- The estimated amount of groundwater withdrawn each year: **70,000 gallons**

- The log of formations encountered in the drilling of each well if available: **20 feet of clay, 10 feet of sand**

- 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**
STATE OF MONTANA, we.
County of Cascade.
I hereby certify that the within instrument was filed in this office on
DEC 27 1969
at 9:35 o'clock A.M.
J. L. LENNON
County Clerk and Recorder.
By Deputy.
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator: David Metzmann
   (Address): Route 1 South, Pearson Add., Great Falls
   (Town): Great Falls
   (County): Cascade
   (State): Montana

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

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

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      August 1938

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

   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
      Lawn and garden

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
      Only one well in back of house

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      August 1938

   8. The depth of water table 38 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
      Depth 56 ft.

   10. The estimated amount of groundwater withdrawn each year 60,000

   11. The log of formations encountered in the drilling of each well if available
      13 ft. sand, 30 ft. clay, 8 ft. sandrock, 5 ft. 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
      Certificate of dedication for Pearson Add. was filed 12/30/67

   Signature of Owner: David Metzmann
   Date: 12-20-63

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

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

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

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

Owner: ____________________________ Address: ____________________________

Driller: ____________________________ Address: ____________________________

Date well started: March 4, 1963 Date completed: March 16, 1963

Type of well: Driven, Driven (drill, drill, rotary or
drilled)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>From Top to Bottom (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 25 feet.
Shut-in Pressure for flowing Well: ____________________________
Pumping Water Level: 70 feet at 25 gal. per minute.
Discharge in gal. per min. of flowing well: ____________________________
How Tested: ____________________________ Length of Test: 4 hrs.

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

Driller's License Number: ____________________________
Driller's Signature: ____________________________

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

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

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

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

DEC 26 1968

at 7:55 o'clock A.M.

J. L. LENNON
County Clerk and Recorder.

By

Deputy.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 2157, Montana Session Laws, 1961)

Owner: Pat O'Brien
Address: St. of Great Falls

Driller: Thomas B. Franklin
Address: Ch. of St. Paul, Mont.

Date of Notice of Appropriation of Groundwater: March 26, 1963
Date well started: March 27, 1963
Date well completed: April 3, 1963

Type of well: Drilled, driven, bored or others (Churn, drill, rotary or other)

Water Use: Domestic □ Municipal □ Other □ Irrigation □

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

<table>
<thead>
<tr>
<th>Size of Drill</th>
<th>Size and Weight of Cable</th>
<th>From (Foot)</th>
<th>To (Foot)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>5 inch</td>
<td>5 inch X 90 Top</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Oil Well</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>casing</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>14 lbs. per ft.</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well... 10 feet.
Shut-in Pressure for Flowing Well....
Pumping Water Level... 55 feet at 14 gal. per minute.
Discharge in gal. per min. of flowing well...

How Tested: Jet Pump 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 similar pertinent information, including number of acres irrigated, if used for irrigation)

Driller's License Number
Thomas B. Franklin
Driller's Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology and quadruplicate for the Appraiser.
STATE OF MONTANA, ex.
County of Cascade.

I certify that the within instrument was filed in my office on
1852

J. L. LENNON
County Clerk and Recorder.

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

**Owner:** Thomas Pearson  
**Address:** Great Falls, Mont.

**Driller:** Thomas B. Franklin  
**Address:** Great Falls, Mont.

**Date of Notice of Appropriation of Groundwater:** July 25, 1963  
**Date well started:** August 4, 1963  
**Date completed:** August 8, 1963

**Type of well:** Drilled  
**Equipment Used:** Cable tools

**Water Use:** Domestic ☑  
**Municipal:** ☐  
**Other:** ☐  
**Irrigation:** ☐

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Rise and Value of Casing From To</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>10 inch</td>
<td>14 lbs. per ft.</td>
<td>2&quot; long</td>
</tr>
<tr>
<td>8 inch</td>
<td></td>
<td>54'</td>
</tr>
<tr>
<td>12 inch</td>
<td></td>
<td>70'</td>
</tr>
</tbody>
</table>

**Static Water Level for non-flowing Well:** 54 feet

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

**Pumping Water Level:** 10 feet at 7 gal. per minute.

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

**Flow Tested:**

**Length of Test:** 2 hrs.

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

**Driller's License Number:**

**Driller's Signature:**

---

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA, ss.
County of Cascade.
I hereby certify that the within instrument was filed in this office on

Dec 30 1963
at 9:51 o'clock A.M.

J. L. LENNON
County Clerk and Recorder.

By H. C. Nichols
Deputy.

By J. B. Johnson
Dep.
Notice of Appropriation of Groundwater
(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator ____________________________________________
   Address _________________________________________________________
   Town ___________________________________________________________
   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 of use in gallons per minute or miner’s inches of groundwater claimed ________________

4. The annual period (inclusive dates) of intended use ___________ 1st 1/1/63 ___________

5. The probable or intended date of first beneficial use ___________ 1st 1/1/63 ___________

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 __________________________

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

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

   [Signature of Appropriator]

   Date ____________________________

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

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

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

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

1. I, __________________________, of __________________________, County of __________, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is __________________________.

3. The rate of 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 pressures or is artificially withdrawn.

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

Signature of Appropriator __________________________

Date __________________________

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

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

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

I hereby certify that the within instrument was filed in this office on
Dec 30 1963
at 9:05 a.m.

J. L. LENNON
County Clerk and Recorder.

By H. O. Nichols
Deputy.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. TOM D. PEARSON
   of 3909 7th Ave. So. 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:

   Let 25 Block 9
   Pearson Addition
   Great Falls, Montana

   N.E. 1/4 Sec. 23 T. 53 W. R. 3 E

   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:
      Household
      Lawn and garden

   3. Date or approximate date of earliest beneficial use, and how continuous the use has been:
      Dec. 1, 1959 continuous

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

   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:
      Lawn and garden Owner, Self

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
      started drilling about Nov. 10, 1959
      completed Nov. 12, 1959

   8. The depth of water table:
      15'

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
      5" pipe Depth 56'
      1 HP Jet Pump used

10. The estimated amount of groundwater withdrawn each year:
    60,000 gal.

11. The log of formations encountered in the drilling of each well if available:
    12' sand 30' clay
    4' sandstone 61'
    5' 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:
    Certificate of dedication for Pearson Addition was filed Dec. 30, 1952

Signature of Owner: ____________________________
Date: ____________________________

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

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

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

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

1. Hamilton C. Pierce  
   (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: Irrigation, animal consumption, and household use.

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

4. The amount of groundwater claimed (in inches or gallons per minute): All groundwater in area described.

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

   Lots 9 & 10 McLean Garden Tracts
   35 1/4 Sec. 23 T. 20 R. 38
   Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

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

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

8. The depth of water table: 10 to 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: Shallow wells with electrical pumps.

10. The estimated amount of groundwater withdrawn each year: 1,000,000 to 15,000,000 gallons per year estimate.

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 known.

Signature of Owner: [Signature]  
Date: December 20, 1962

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

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

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

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 227 Montana Session Laws, 1961, as amended)

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

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

Owner: JOSEPHINE F., C.R.
Address: PARK GARDEN LANE
Great Falls, Montana

Date well started: Aug. 1, 1972
completed: Aug. 3, 1972

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

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 Weight of casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4&quot; PVC</td>
<td>Sfo</td>
<td>175</td>
<td>172</td>
<td>Slotted 172</td>
</tr>
</tbody>
</table>

Static water level [ ] 22 ft.
Pumping water level [ ] 60 ft.
at 25 gallons per minute, measured 60 minutes after pumping began.

*Measured from ground level.
Well developed by Air Pump for [ ] hours.
Power Cat Gas Pump, 140 HP

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

Rubber Filler & Casing
Cemented

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

Driller’s Signature: [Signature]
Driller’s Address: 503 - 39th St., N.
Great Falls, Montana 59404
LICENSE NO: 314

Top of Ground (Elev. above sea level)

Show exact depth of bottom

5/3/72
STATE OF MONTANA,
County of Cascade.

I hereby certify that the within instrument was filed in this office on
AUG 21 1972
at 9:37 A.M.

J. L. Plon
County Recorder.

By ______________________
Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CO.LE
OFFICE OF STATE ENGINEER

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

1. [Name of Appropriator] (Name of Appropriator)
   STAFFORD (Address)

Counties 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 and Irrigation

3. Date or approximate date of earliest beneficial use, and how continuous the use has been
   1915 Continuously

4. The amount of groundwater claimed (in min. inches or gallons per minute)
   50 gal/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
   10 acres - Town

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

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

8. The depth of water table
   10'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
   Dug well - 10'

10. The estimated amount of groundwater withdrawn each year
    70,000 gal

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

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 12-23-63

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.

1301