STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Great Falls Breweries, Inc., of 510 - 14th St. South West, 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:

2. The beneficial use on which the claim is based: For Coolers and Ammonia Condensers.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: November 24, 1935 - Continuous.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 110 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: Not applicable.

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: Began November 10, 1935. Completed November 23, 1935.

8. The depth of water table: 35'.

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: Deep Well - 8' Cased Well 20'.

10. The estimated amount of groundwater withdrawn each year: 12,960,000 gal.


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: [Signature]
GREAT FALLS BREWERIES, INC.
Date: December 28, 1938.

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.

278/14
STATE OF MONTANA, vs.
County of

I hereby certify that the within instrument was filed in this office on
DEC. 27 1963.

At 11:50 a.m.
J. C. D'ENNIS
County Clerk and Recorder.

[Signature]

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

1. **Great Falls Breweries, Inc.**, of **410 - 14th Street S. W. 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:

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

   3. Date or approximate date of earliest beneficial use; and howcontinuous the use has been: **During 1933 - Used as a standby well.**

   4. The amount of groundwater claimed (in miner’s inches or gallons per minute): **35 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: **Not applicable**

   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: **Began 1933 Completed 1933**

   8. The depth of water table: **35 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: **Deep Well - 8' Cased Well - 100' Deep**

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 The estimated amount of groundwater withdrawn each year: **10,000 gal.**

   11. The log of formations encountered in the drilling of each well if available: **4 1/2' Top Soil and Clay**
   **41' Red Shale 10' Red Sandy Shale 5' Soft Red Shale**

   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: **This well is seldom used - it is a standby well.**

   Signature of Owner: [Signature]
   **GREAT FALLS BREWERIES, INC.**
   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; Tripli cate 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. Pierece, of 25 Mt. Vernon S., Great Falls, MT
   (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: Household, irrigation, and animal consumption.

3. Date or approximate date of earliest beneficial use and how continuous the use has been: Prior to 1960 and continuous thereafter.

4. Amount of groundwater claimed (in miner's inches or gallons per minute): All groundwater used passed by the sewer.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Sec. 10, T. 38 N., R. 138 W., Cascade County, Montana.

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

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: 12 feet approximately.

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

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

11. The logs 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: Unknown.

Signature of Owner

Date: December 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.
CLERK AND RECORDER
CASCADE COUNTY, MONTANA
I HEREBY CERTIFY THAT THE WITHIN INSTRUMENT WAS FILED FOR RECORD IN THIS OFFICE ON 7-16-70
AT 2:16 P.M.
AND DULY RECORDED AS DOCUMENT NO. 4507

J. L. LENNON
CLERK AND RECORDER

[Signature]
**WATER WELL LOG**

**Owner:** Stilings  
**Address:** 22 S. W. 1st St.

**Driller:** K. M. Franklin  
**Address:** 35 1st St. Downey Park

**Date Started:** July 12, 1957  
**Date Completed:** July 15, 1957

**Location:** Sec. 10  
**T. 26 N.  
**R. 3 E.**  
**1/4 sec.**

**Type of well:** Drilled  
**Equipment used:** Cable Hoist

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

<table>
<thead>
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<th>Casing:</th>
<th>ft. to</th>
<th>63' ft.</th>
<th>Type</th>
<th>iron</th>
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<tbody>
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<td>ft. to</td>
<td></td>
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<td>Casing:</td>
<td>ft. to</td>
<td></td>
<td>Type</td>
<td>Size</td>
</tr>
</tbody>
</table>

**Perforated or Screened:**  
**Type:**  
**Fl. to ft.**  
**Fl. to ft.**

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

**Shut-in pressure, for flowing well:** lb. sq. in. on: (date)

**Pumping water level:** feet at gal. per min.

**How tested:** Bailers

**Length of test:** 7 ft.

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

---

**Water coming through:**

**end of casing**

---

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
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<tbody>
<tr>
<td>From 63</td>
<td>Casing driven in face. Dust, grout to gravel and sand bottom. Water in gravel.</td>
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</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Great Falls Breweries, Inc., of 109 Central Avenue West, Great Falls, Montana, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based: Steeping Barley and Cooling Purposes.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: November 25, 1961. Continuous.

4. The amount of groundwater claimed: 35 gal per min.

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

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


8. The depth of water table: 31 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: Deep Well = 8" Casing to 100' no casing. Balance = 38' Deep.

10. The estimated amount of groundwater withdrawn each year: 316,000 gal.


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: 

Great Falls Breweries, Inc.
Date: December 26, 1963

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

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

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

County of Idaho.

I hereby certify that the within described property was sold in the office on
2-3-1944

[Signature]

J. H. BERRY

County Auditor and Treasurer

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. Great Falls Breweries, Inc. 509 Central Avenue West  Great Falls
   (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. Steeping, Barley... and Cooling Purposes.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been. October 20, 1955 - Continuous in use Now.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 25 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. Not applicable.

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. Began October 13, 1955 Completed October 27, 1955.

8. The depth of water table. 13 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. Deep well - 8" Casing for 206'6" Casing to 361'6" Deep.

10. The estimated amount of groundwater withdrawn each year. 816,000 gal.

11. The log of formations encountered in the drilling of each well if available. 206' Gray Shale 212' Yellow Shale 215' Red and Gray Shale 221' Red and Yellow Shale 224' Limeshell 231' Shale and Shells 235' Sandrock 239' Yellow Shale 312' Lime 321' Sandrock 361' Black Lime 365' Sandrock 367' Black Lime.

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  December 26, 1963
Great Falls Breweries, Inc

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriorator.
STATE OF MONTANA, etc.,
County of Cascade.
I hereby certify that the within instrument was filed in the office of
the Clerk on 3-2-1959,
at 11:47 A.M. 
J. A. HAWKINS, Clerk.

County Clerk - Cascade

[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. Great Northern Railway Company of 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:

   - The beneficial use on which the claim is based: coolant for refrigeration units
   - Date or approximate date of earliest beneficial use: January 31, 1955
   - The amount of groundwater claimed: 100 gallons per minute
   - If used for irrigation, give the acreage: not applicable
   - The means of withdrawing such water from the ground: electric pump
   - The date of commencement and completion of construction: dates unknown
   - The depth of the water table: 25 feet
   - So far as may be available, the type, size and depth of each well: drilled well 39 1/2 casing 86 1/2 of 5 1/2 casing, total depth 125'
   - The estimated amount of groundwater withdrawn each year: 5,110,000 gallons
   - The log of formations encountered: not applicable

Signature of Owner: ________________________

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
OFFICE OF STATE ENGINEER

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

<table>
<thead>
<tr>
<th>County of</th>
<th>State of</th>
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</table>

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

1. (Name of Appropriator) of (Address) (Town)

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 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

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; Quadruplicate for the Appropriate.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. J. W. L. CASSIDY, INC., of 307-6th St So., GREAT FALLS
   (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, 1902, as follows:

2. The beneficial use on which the claim is based: OPERATION OF REFRIGERATION EQUIPMENT OF OTHER...

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 12 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: 25.5 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: 1915

8. The depth of water table: 12 FEET BELOW

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: 100', DEEP - 2" CASING - 3/4" SCREEN

10. The estimated amount of groundwater withdrawn each year: 6,307,200 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: 

Signature of Owner: ____________________________________________
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 Appraiser.
STATE OF MONTANA, \nCounty of Cascade.
I hereby certify that the within instrument was filed in this office on
\n\n10-12-1966 \n\nK. L. Lenzy \nCounty Clerk and Recorder
\nBy: [Signature] Deputy

[Additional handwritten content]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. The National Laundry Company, of 1000 1st Ave. North, 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:

2. The beneficial use on which the claim is based

   General Use

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

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

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

   Lawn and Boulevard

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

   Deep well pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Started August 1953, completed September 1953

8. The depth of water table: 350 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: 8 inch casing, 400 feet deep

10. The estimated amount of groundwater withdrawn each year: 4,000,000 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: The National Laundry Co.
   By: H. Topel
   Date

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

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

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

County of Cascade.

I hereby certify that the following instrument was filed in the office of

the Register of Deeds

on 11/01/1965.

By: L. 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. ROJTEL, Walter G. & Dorothy J., 1405 7th St. 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:

   2. The beneficial use on which the claim is based
      Household Use, Trailers and Lawn

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      15 August 1957

   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 land to which water has been applied and name of the owner thereof
      15th Add to G.P. 1.79 acres, Lot 20, Township 2
      Walter G. & Dorothy J. Bashler

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
      Jet Pump 15th Add to GF

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      Commencement August 15, 1957. Completion 1 October 1957

   8. The depth of water table 24 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
      Dug by hand

   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
      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
      Dug by Walter Bashler

Signature of Owner  
Date 31 December 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the land 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. BARKER, Walter G. & Dorothy J.  
   (Name of Appropriator)  
   of 1005 7th St, Great Falls, Montana  
   (Address)  
   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,  
      Trailers and Lawn

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
      July 1961, used 61

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

   5. If used for irrigation, give the general and description of the lands to which water has been applied and name of the owner thereof  
      15th Add to 3a, 1.79 acres, Lot 20, Township 2  
      Walter G. & Dorothy J. Bosterle

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
      Submersible pump 15th Add to 3a

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
      Commencement July 6, 1961  
      Completion July 15, 1961

   8. The depth of water table  
      173 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 with rotary rig

   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  
      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  
      Drilled by Dovehoch Drilling Co.

   Signature of Owner  
   Walter G. Barker
   Date 31 December 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.

28568
CLERK AND RECORDER

I HEREBY CERTIFY THAT THE WITHIN INSTRUMENT WAS FILED FOR RECORD IN THIS OFFICE ON

DEC 31 1952

AT 12:01 AM

AND DULY RECORDED AS DOCUMENT NO.

J. L. LENNON

CLERK AND RECORDER

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

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** W.C. Bandel  
**Address:** 1018-22nd Ave. S.

**Driller:** Pat Byrne  
**Address:** Great Falls, Mont.

**Date of Notice of Appropriation of Groundwater:** July 28, 1966  
**Date Completed:** Aug. 5, 1966

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

**Height to which water rises in the well:** 179 feet

**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)

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<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
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<td>17&quot; 7&quot;</td>
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<td>6-5/8&quot;</td>
<td>not cased</td>
<td>39&quot;</td>
<td>200&quot;</td>
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</tbody>
</table>

**Static Water Level for non-flowing Well:** 90 feet

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

**Pumping Water Level:** 179 feet at 2.5 gal. per minute.

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

**How Tested:** Bailei  
**Length of Test:** 1 Hour

**Driller's License Number:** 135  
**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 Appropriate.
STATE OF MONTANA
County of Sanders

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

COUNTY

at 9:40 a.m.

By:

Notary Public

2/980
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

**Notice of Appropriation of Groundwater**

**Owner: Inverno and/ or Great Falls, Mont.**

**Address:** Beverly Becker

**Address:** 2112-7th Ave. S., Great Falls, Mont.

**Driller:** Patrick J. Byrne

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

**Date well started:** 4-6-1963  
**Date Completed:** 4-9-1963

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

**Water Use:** Domestic ☒  
Municipal ☐  
Other ☐  
Irrigation ☐  
Industrial ☐  
Drainage ☐  
Stock ☐

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

<table>
<thead>
<tr>
<th>drill hole</th>
<th>drill hole</th>
<th>drill hole</th>
</tr>
</thead>
</table>

### Static Water Level for non-flowing Well 32' feet.
### Shut-in Pressure for Flowing Well

Pumping Water Level 42 feet at 70 gal. per minute.

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

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

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

---

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.

---

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

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

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

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

APR 24, 1900

[Signature]

J. L. LENNON
County Clerk and Recorder.
Henry Cearle and Clara T. Cearle
(Name of Appropriator) (Address) (Town)

1. Husband and wife

2. The beneficial use on which the claim is based: Household and Livestock use and lawn and garden irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Drilled in July 1936 to a depth of 195 ft. and deepened to a depth of 325 ft. Aug. 1960.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 9 gallon 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 7 through 15 Block 16 Park Place Addition, Great Falls, Montana.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Submersible pump Lot 16 Block 16 Park Place Addition SE 1/4 SE. Sec. 13 T 20 N R 36.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Commencement July 1936, Drilled to a depth of 195 ft. and Deepened to a depth of 325 ft. Aug. 22, 1961.

8. The depth of water table: From 175 ft. to 315 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled with cable tool rig to 195 ft. Deepened with rotary rig to 325 ft. 20 ft. of 6" casing cemented from 0 to 20 ft. Static water level 105 ft.

10. The estimated amount of groundwater withdrawn each year: 800,000 Gallons.

11. The log of formations encountered in the drilling of each well if available: 0 to 5 ft. Clay, 5 to 15 Sandstone, 15 to 55 Badbed, 55 to 94 Shalerock, 94 to 110 Sandstone, 110 to 175 Shalerock & Sandstone ledges, 175 to 189 Sandstone, (balled 4 Gal. per ft.) 189 to 220 Shalerock, 220 to 249 Shalerock & sandstone ledges, 249 to 292 Shalerock, 292 to 315 Shalerock & sandstone ledges, 315 to 325 Shalerock, Bailed 9 gal. per minute.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: Drilled by Cable tool rig to 195 in 1936. Deepened by Snowshoe Drilling Co. with rotary rig to a depth of 325 ft. Aug. 22, 1961. Contractor's License No. 51 Issued under new law, 1961.

Signature of Owner: Clara T. Cearle

Date: January 15, 1961

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

1. Mary M. Clark
   (Name of Appropriator)
   of 528 Thirteenth Avenue South
   (Address) (Town)
   County of Cascade, Great Falls
   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
   Drinking Water and Household Use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since that date
   1950 and Daily since that date

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
   250 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
   2/3 Acre, name description, name owner

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

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

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
   only one well as described above

10. The estimated amount of groundwater withdrawn each year
    as it is used daily
    unable to estimate

11. The log of formations encountered in the drilling of each well if available
    no 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
    unknown to me

Signature of Owner

Date December 14, 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.
STATE OF MONTANA, ss.
County of Cascade.

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

DEC 16 1963

at 11:30 a.m.

J. L. LENNON
County Clerk and Recorder.

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

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater
Owner: Jack L. Daniels
Address: 620-15th Ave. South
& Esther J. Daniels
Contractor (if any)
Address of Contractor
Date Started
Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Artesian Well - about 20 feet deep.

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

In 3374 by 142 (R612A).

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

Signature of Owner:
Date

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.
### Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Henry L. Davis**
   - **County:**
   - **Address:**
   - **Town:**
   - **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.
- Date or approximate date of earliest beneficial use, and how continuous the use has been.
- The amount of groundwater claimed (in miner's inches or gallons per minute).
- If used for irrigation, give the acreage and description of the lands to which water has been applied.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
- The date of commencement and completion of the construction of the well, work, or other works for withdrawal of groundwater.
- 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.
- The estimated amount of groundwater withdrawn each year.
- The log of formations encountered in the drilling of each well if 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.

**Signature of Owner:**

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 Appropirator.
I CHER AND RECOR DER
CASCADE COUNTY, MONTANA
HEREBY CERTIFY THAT THE WITHIN
INSTRUMENT WAS TAIRED FOR RECORD
IN THIS OFFICE ON

CLERK AND RECORDER

AND DULY RECORD AS DOCUMENT

J. L. LENNON
CLERK AND RECORDER

BY

Date
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: Frank, Kevin L. and Beverly L., Frank as joint tenants

Address: Great Falls, Montana

File No.: 5362

Date well started: Jan. 17, 1972

Date completed: Apr. 5, 1972

Type of well: Drilled

Equipment used: Rotary


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: 750,000

<table>
<thead>
<tr>
<th>Top of Ground</th>
<th>For Administrator’s Use</th>
</tr>
</thead>
<tbody>
<tr>
<td>From (Feet)</td>
<td>To (Feet)</td>
</tr>
<tr>
<td>9</td>
<td>890</td>
</tr>
<tr>
<td>6 1/2</td>
<td>490</td>
</tr>
</tbody>
</table>

Static water level: 98 ft.

Pumping water level: 50 ft.

at 50 gallons per minute, measured 60 minutes after pumping began.

Well developed by ATR Pump. Power: 140 HP. Remarks: Gravel packing, cementing, packers, type of sluitoff.

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

Each small square represents 40 acres.

Driller’s Signature: ____________________________

Driller’s Address: 505 - 34th St., Great Falls, Montana

Great Falls, Montana 59405 LICENSE NO.: 216

Show exact depth of bottom 330
STATE OF MONTANA,
County of Cascade.

I hereby certify that the within instrument was filed in this office on
MAY 9, 1972

At 11:00 o'clock A.M.

J. L. LENNON
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

DOROTHY D. FRANK, of GREAT FALLS, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

1. Name of Appropriator: DOROTHY D. FRANK
   Address: GREAT FALLS
   Town: Montana
   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: Water for two families and irrigation

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

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

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: [Insert details]

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

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

8. The depth of water table: 60'

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: [Insert details]

10. The estimated amount of groundwater withdrawn each year: 100 to 160 gallons a day

11. The log of formations encountered in the drilling of each well if available: [Insert details]

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: [Insert details]

Signature of Owner: [Signature]
Date: [Date]

These 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
OCT. 2 2 1963

12:50 o'clock P.M.

J. J. LENNON
County Clerk and Recorder.

By

Secretary.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **Lawrence B. or Stella D. Green**, of 1728d-13 St. 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:

2. The beneficial use on which the claim is based: **Private, House-Hold & Irrigation**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **1951, Continuous service**

4. The amount of groundwater claimed (in miner's inches or gallons per minute). **Approx. 24 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: **A small lawn, shrubbery & flowers**

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: **Lot 142 of Highland Park Addition**

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **Started Feb. 29, 1951; Finished March 5, 1951**

8. The depth of water table: **287 ft. deep**

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other wells for the withdrawal of groundwater: **As the formation of the inner strata such as gumbo, gravel, shale, solid rock, red clay the cost is high for a deep well; the 6 inch casing goes down 57 feet to the solid rock. Full depth of well is 287 feet. Water rises within 10 ft. from surface. Water is soft. I have 53 ft. double pipe, jet-foots valve, 10 ft. single pipe & foot valve, in case water level drops, you don't lose prime.**

10. The estimated amount of groundwater withdrawn each year: **Approx. 20,000 gallons**

11. The log of formations encountered in the drilling of each well if available: **sand, gravel, gumbo, mixture of sand & blue shale, 27 feet of solid rock, sand with hard red clay, porous blue shale**

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 where the well is located: **Per location of well, as quoted on this document. This well was tested in Helena, March 9, 1962. It tested 99% pure.**

Signature of Owner: **Lawrence B. or Stella D. Green**

Date: **June 24, 1963**

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

Please answer all questions. If not applicable, 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

JUN 2 F 1963

at 10:20 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)

Jay Dee Kennedy, 224 Central, Flat Falls
(County) 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
2. The beneficial use on which the claim is based, Domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been, Since 1945
4. The amount of groundwater claimed (in miner's inches or gallons per minute), 160 Galls.
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 Pump
7. The date of commencement and completion of the construction of the well, 1945
8. The depth of water table, 53
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater, 6" casing, 2' pipe
10. The estimated amount of groundwater withdrawn each year, 36,000 Gals.
11. The log of formations encountered in the drilling of each well if available, 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

Signature of Owner, Jay D. Kennedy
Date, 12-24-1963

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

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

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

I hereby certify that the within instrument was filed in this office on JAN 2 \{-\textit{J}am.\} at \textbf{8:11} Clock A.M.

J. L. TBOON
County Clerk and Recorder.

By, \(\text{\textit{La\'ude}}\)
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: VIRGINIA JENZI

Date well started...

Date well completed...

Type of well...

Equipment used...

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

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...

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

Driller's Signature: HENRY FRANKLIN (DECEASED)

Driller's Address...

LICENSE NO...

Show exact dr ft of bottom...
STATE OF MONTANA,

County of Cascade.

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

JUN 26, 1973

10:00 a.m.

J. L. Patten
County Clerk and Recorder

S. D. Wilkie
Deputy.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

(Name of Appropriator) (Address) (Town)

County of State of

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

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.
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.

For Administrator's Use

<table>
<thead>
<tr>
<th>Date well started</th>
<th>JUNE 1960</th>
</tr>
</thead>
<tbody>
<tr>
<td>Top of Ground</td>
<td>100 ft</td>
</tr>
</tbody>
</table>

Driller's Log

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

<table>
<thead>
<tr>
<th>Top of Ground (Elevation above sea level)</th>
</tr>
</thead>
<tbody>
<tr>
<td>100 ft</td>
</tr>
</tbody>
</table>

Owner: [Name]
Address: [Address]

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

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Well</th>
<th>Size and Depth of Cutting</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>8'</td>
<td>6' x 12'</td>
<td>3'</td>
<td>5'</td>
<td>N/A</td>
</tr>
</tbody>
</table>

Stirct water level: 3'0... ft.
Pumping water level: 2'4... ft.

at 65... gallons per minute, measured 60 minutes after pumping began.

*Measured from ground level.

Well developed by ...

for ......... hours.

Power: [Power]... Pump: [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: [Signature]
Driller's Address: [Address]

LICENSE NO: [Number]

Show exact depth of bottom
STATE OF MONTANA,
County of Cascade.

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

**JUN 29 1973**

Date

7 o'clock A.M.

J. L. LENNON
County Clerk and Recorder.

[Signature] Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed: after January 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/Address: [Name]

Address: [Address] For Administrator’s Use

Date well started: [Date]

Date well completed: [Date]

Type of well: [Type]

Equipment used: [Equipment]

Water Use: [Use]

*Describe

USE: If used for irrigation, industrial, drainage or other. Explain

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

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of</th>
<th>Size and</th>
<th>Depth</th>
<th>Start</th>
<th>End</th>
</tr>
</thead>
<tbody>
<tr>
<td>Well</td>
<td>Diameter</td>
<td>(Feet)</td>
<td>(Feet)</td>
<td>(Feet)</td>
</tr>
</tbody>
</table>

PERFORATIONS

<table>
<thead>
<tr>
<th>Size</th>
<th>Depth</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Size]</td>
<td>[Depth]</td>
<td>[Date]</td>
</tr>
</tbody>
</table>

Static water level: [Level] ft.
Pumping water level: [Level] ft.

*Measured from ground level.

Well developed by

for

Power: [Type] 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: [Address]

County: [County]

LICENSE NO.: [License]

Show exact depth of bottom: [Depth] ft.
STATE OF MONTANA, 
County of Cascade.

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

JUN 9 1973

J. L. LENNON
County Clerk and Recorder.
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.

Driller's Log

Owner Name: [Blank]
Address: [Blank]

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

Type of well: [Blank]
Equipment used: [Blank]
Water Use: [Blank]

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 Height of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>8</td>
<td>6&quot; x 12&quot;</td>
<td>90</td>
<td></td>
<td>Bottom OPEN</td>
</tr>
</tbody>
</table>

Static water level 3.7 ft.
Pumping water level 38 ft.
at 14.5 gallons per minute measured 60 minutes after pumping began.

Well developed by for ____________ hours.
Power: ____________ 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: [Blank]
Driller's Address: [Blank]

License No. [Blank]
STATE OF MONTANA
County of Cascade.

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

JUN 20 1973

Date
at 2:15 o'clock P.M.

J. L. LENNON
County Clerk and Recorder

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

1. **Donald H. Luther**
   (Name of Appropriator)

   of Route 1, South, Great Falls
   (Address)

   County of Cascade
   (Town)

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.
   - **HOUSING**

3. Date or approximate date of earliest beneficial use; and by what continuous use the use has been.
   - October 1, 1951
   - **CONTINUOUS**

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

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

   - **Cascade County**

   - **0.10 acres**

   - **Leslie A. Luther**

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   - Sept. 12, 1951
   - **completion**

8. The depth of water table.
   - 60 ft.
   - **Location**

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.
   - **CLAY - WATERSAND**
   - **sand**

10. The estimated amount of groundwater withdrawn each year.
    - **2,000**

11. The log of formations encountered in the drilling of each well if available.
    - **Clay - Water - 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.
    - **Vol. 206**
    - **Page 477**

Signature of Owner: **Donald H. Luther**

Date: **12-30-62**

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

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

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

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

Dec 31, 1958

12:47 P.M.

J. L. BANNON
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. Gaylord W Jr & Betty Musselman
   (Name of Appropriator)
   of Rte 1, South
   (Address)
   Great Falls
   (Town)
   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, with supporting documentation:

   Residential & Irrigation

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

   Drilled in spring of 1960
   Used continuously ever since

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

   8 gal
   2475/12/47/242/424/426/424

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

   3/4 acre now irrigated (1/2 of lot 11 in Grandview Tracts)
   Gaylord W Jr & Betty Lou Musselman

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

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

   Spring of 1960

8. The depth of water table:

   160 ft well
   Water table 90 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 160 ft
   6 inch casing

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:

    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:

    Book 3, Page 348, Line 12, Tax record
    Book 204 of deeds, 376 county warranty deed

Signature of Owner

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

File No. 30

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

I, [Name of Appropriator], (Address) (Town),

County of [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
   residential and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
   well drilled in or before 1952
   used continuously until spring of 1960

4. The amount of groundwater claimed (in miner's vales or gallons per minute):
   8 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:
   3/4 acre irrigated
   1/2 lot
   Windview Tracts
   [Name of Appropriator]

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   well (NE corner of lot)

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
   Spring of 1952

8. The depth of water table:
   110 ft 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:
   Depth 185 ft, solid sandstone with 20 feet of casing - 6 inch hole

10. The estimated amount of groundwater withdrawn each year:
    250,000 gal used yearly until 1960

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

REMÆAEST: Land on which well located owned originally by C A. Syms. Well drilled & owned equally by C A. Syms, Land & 1/2 interest in well sold to L. Underahl by C A. Syms. Land & 1/2 interest in well now owned by W. L. Musselman.

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.