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

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

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

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

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

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 and 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 The estimated amount of groundwater withdrawn each year.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.
COPY

State of Montana, ss.
County of [Redacted]

Filed: Oct. 19, 1903, 19
at 1:30 P.M.

Mary Matthews

[Signature]

20-09-01.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1962)

1. Martin C. Wickens
   (Name of Appropriator)
   of 705 Cook
   Address
   Town
   County of Fergus
   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 purpose well
   
   3. Date or approximate date of earliest beneficial use, and how continuous the use has been
      Oct. 1, 1958 and continuous since that date.

   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 name of the owner thereof 35 acres in NE Sec. 15, Twp. 17N-14E

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      Oct. 1, 1958

   8. The depth of water table 1800 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
      Flowing artesian well about 1800 feet

   10. The estimated amount of groundwater withdrawn each year 400,000 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 Martin C. Wickens
   Date Feb. 13 - 1964

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

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

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

Declaration of Vested Groundwater Rights
(Under Chapter 277, Montana Session Laws, 1961)

1. Name of Appropriator ___________________________  
   County of ___________________________  
   State of ___________________________

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

<p>| | | |</p>
<table>
<thead>
<tr>
<th></th>
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</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

2. The beneficial use on which the claim is based ___________________________
   Water

3. Date or approximate date of earliest beneficial use, and how continuous the use has been
   1962
   Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gals 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; 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)

I. Name of Appropriator: William Melton
   Address: 1st St., town, county
   State: Montana

II. County of appropriation:

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

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

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

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

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

VIII. The depth of water table:

IX. 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:

X. The estimated amount of groundwater withdrawn each year:

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

XII. 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: William Melton
   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.
State of Montana, County of Fergus.

[Signature]

County Clerk and Recorder

DEC 31 1963

Filed at 4:15 o'clock P.M.

MAY RATHBUN
County Clerk and Recorder
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>9</td>
<td>West Nunnemesser Farm</td>
<td>Sewer</td>
<td></td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>Hutchinson Lewis</td>
<td>1 X 2</td>
<td>45-22-13</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Goodspeed Ranch</td>
<td>1 X 2</td>
<td>81-44-9</td>
<td></td>
</tr>
<tr>
<td>34</td>
<td>Turner Richard</td>
<td>1 X 2</td>
<td>36-24-0</td>
<td></td>
</tr>
</tbody>
</table>
Water Conservation Board
Water Resources Engineer
Sam M. Mitchell Building
Helena, Montana 59601

Dear Sir:

Enclosed you will find a copy of a release agreement for
the utilization of a fresh water well.

Operator
Webb Resources, Inc.

Lessee Name
Butterfield Brethren

Well No. 9-16, Section 9, Township 17N, Range 15E

Yours very truly,

[Signature]
Donald K. Gilmore
Acting Administrator

DEC/wl

cc: Mr. W. Bond
Bureau of Mines and Geology
Butte, Montana 59701

APPROVED BY:

Board of Oil and Gas Conservation

[Signature]

Petroleum Engineer, Geologist, or Administrator

Dated: Feb 26, 1973
BOARD OF OIL AND GAS CONSERVATION
OF THE STATE OF MONTANA

RELEASE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS, that I, [Name], of the County of [County], in the State of Montana, as the owner of the hereinafter described land upon which a well for oil or gas was drilled, to-wit:

Operator: [Operator Name]
Lease Name: [Lease Name]
Well No.: [Well No.]
Sec.: [Sec.]
Twp.: [Twp.]
Rge.: [Rge.]

That, in accordance with Regulation 233.6, Order No. 1-1, November 30, 1973, I do hereby notify the Board of Oil and Gas Conservation of the State of Montana of my desire to utilize said well as a fresh water well; and, that if such utilization is approved, I do hereby release and discharge the operator hereinafter named from any further work or responsibility in relation to the plugging of said well.

Water Use: Domestic [X] Municipal [ ] Stock [ ] Other [ ]
Industrial [ ] Drainage [ ] Irrigation [X]
Producing Depth: [1600'] - [1771'] Producing Formation: [Lakota]
Yield of well: [ ] Annual Withdrawal: [ ]

WITNESS my hand and seal this 29 day of Feb., 1973

[Signature]
Address: [Address]

IN THE PRESENCE OF:

[Signature]
Address: [Address]

APPROVED BY:

Board of Oil and Gas Conservation

[Signature]
Petroleum Engineer, Geologist, or Administrator
Dated: Feb. 26, 1973
Notice of Completion of Groundwater Appropriation by Means of Well

State of Montana
Administrator of Groundwater Code
Office of State Engineer

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

Date of Notice of Appropriation of Groundwater

Date well started 9-14-63  Date Completed 9-26-63

Type of well: Drilled  Equipment Used: Rotary

Owner: Loies Hitchcock  Address: Lewistown, Mont.

Driller: Thatcher Drilling  Address: Stanford, Mont.

Top of Ground

(Fev. above sea level)

19' Silt & Gravel
190 Blue grey shale & hard sandy shale, sandstone & bentonite layers. Traps water & gas 150-190
335 Blue-black shale & bentonite
440 Layers hard sandstone bent. shale
719 Hard sandy clay shale sandstone layers

Date of Notice of Appropriation of Groundwater

1024 Blue shale with sandylrs.
1100 Soft blue grey shale with hard sandstone layers

1160 1st. Cat Creek area alt.

Hard sandstone & layers of gray shale

1198 Soft to hard red sandy shale

1340 Soft to hard red sandy shale & layers of sandstone

1350 Soft coarse sandstone.

Layers of Water

Size and Weight of Casing

From  (Feet)  To  (Feet)

2½
c
1½  0  3½  x4"  1340  1355

Perforations

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

Free flow

Length of Test

24 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)

Show exact depth of bottom.

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

Show exact depth of bottom.

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

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.
### WATER WELL LOG

#### Details
- **Owner:** F. B. Leecher
- **Address:** Daniels
- **Driller:** O. C. Thatcher
- **Address:** Stuyf
- **Date Started:** May 4, 1957
- **Date Completed:** May 22, 1957
- **Location:** Sec. 34, T. 15 N., R. 15 E., 1/4 sec. 8 E. 5 NW.

#### Type of well:
- Domestic
- Irrigation

#### Water use:
- Domestic
- Municipal
- Stock
- Irrigation
- Industrial
- Drainage
- Other:

#### Casing:
- Type: Sahnjo
- Size: 9 in.
- Length: 8 ft. to 16 ft. 5 in.

#### Perforated or Screened:
- Lengths: 5 ft. to 10 ft. 8 in.

#### Static Water level, for non-flowing well:
- 60 ft.

#### Shut-in pressure, for flowing well:
- 10 lb/sq. in. on: 22-30

#### Pumping water level:
- 35 feet at: 3.5 gal. per min.

#### How tested:
- Bucket

#### Remarks:
- (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
  - Cemented: 30 sacks cement

---

(over)
<table>
<thead>
<tr>
<th>Depth (ft)</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>186.5</td>
<td>Silt, sand, 4 ft.</td>
</tr>
<tr>
<td>187.5</td>
<td>Gray shale 5 ft.</td>
</tr>
<tr>
<td>189.5</td>
<td>Clay shale 4 ft.</td>
</tr>
<tr>
<td>192.5</td>
<td>Black shale 3 ft.</td>
</tr>
<tr>
<td>193.5</td>
<td>Sand shale 3 ft.</td>
</tr>
<tr>
<td>194.5</td>
<td>Clay shale 6 ft.</td>
</tr>
<tr>
<td>195.5</td>
<td>Red shale 4 ft.</td>
</tr>
<tr>
<td>197.5</td>
<td>Gray shale 4 ft.</td>
</tr>
<tr>
<td>198.5</td>
<td>Sand 4 ft.</td>
</tr>
<tr>
<td>199.5</td>
<td>Gray shale 7 ft.</td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Richard Lucas

Address: Lewistown, Montana

Date of Notice of appropriation of groundwater: None

Date well started: May 19, 1966

Date completed: May 19, 1966

Type of well: Drilled

Equipment used: Rotary

Water use: Domestic

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Drill</th>
<th>From Top of Ground</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7-7/8&quot;</td>
<td>5-5/8&quot;</td>
<td>0</td>
<td>20</td>
</tr>
<tr>
<td>6-5/80D above 64ID 11&quot; ground</td>
<td>14</td>
<td>55</td>
<td>55</td>
</tr>
<tr>
<td>14&quot; slots</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well

Shut-in Pressure for Flowing Well: None

Pumping Water Level: 50 feet

Discharge in gal. per min. of flowing well: None

How Tested: Air and Baler

Length of Test: 1 hr and 30 min.

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

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

Show exact depth of bottom.

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

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

Driller's License Number: George O. Singleton

Driller's Signature: George O. Singleton
State of Montana, I d.
County of Flathead

JUN 17 1966

Filed at 4:00 o'clock P.M.

My Ruth
County Clerk and Recorder

#2640
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>3</td>
<td>Holtz, Michael</td>
<td>2 Y 4</td>
<td>174726</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Holtz, Michael, Jr.</td>
<td>2 Y 4</td>
<td>174726</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>Holtz, William D.</td>
<td>2 Y 4</td>
<td>174729</td>
<td></td>
</tr>
<tr>
<td>15</td>
<td>Holtz, William D.</td>
<td>2 Y 4</td>
<td>174729</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>Williams, Joseph F.</td>
<td>2 Y 4</td>
<td>17396</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Inglis, William E.</td>
<td>2 Y 4</td>
<td>174729</td>
<td>Section 13</td>
</tr>
<tr>
<td>23</td>
<td>Inglis, William E.</td>
<td>2 Y 4</td>
<td>174729</td>
<td>Section 22</td>
</tr>
<tr>
<td>24</td>
<td>Inglis, William E.</td>
<td>2 Y 4</td>
<td>174729</td>
<td>Section 23</td>
</tr>
<tr>
<td>21</td>
<td>Inglis, William E.</td>
<td>2 Y 4</td>
<td>174729</td>
<td></td>
</tr>
<tr>
<td>35</td>
<td>Lass, William E.</td>
<td>2 Y 4</td>
<td>174729</td>
<td>Section 34</td>
</tr>
<tr>
<td>26</td>
<td>Lass, William E.</td>
<td>2 Y 4</td>
<td>174729</td>
<td>Section 35</td>
</tr>
<tr>
<td></td>
<td>Lass, William E.</td>
<td>2 Y 4</td>
<td>17749</td>
<td></td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 2-7, Montana Session Laws, 1961)

HUTTERIAN BRETHREN OF DEERFIELD AC
A CHURCH, a Montana Corporation, of
(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:

<table>
<thead>
<tr>
<th>N</th>
<th>6</th>
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</thead>
<tbody>
<tr>
<td>W</td>
<td>1</td>
</tr>
</tbody>
</table>

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

- Domestic use, irrigating lawn and watering livestock and poultry

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

- 1 & 2 in 1947; 3, 4, 5, 6, 7 in 1948 and 8 in 1952, used continuously since;

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 1, 2, 3, 4, 5, fifteen gallons per minute each; 6 & 7 ten gallons per minute each; 8 nine 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:

- Irrigation of lawn and flower beds around the house

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal, 2, 3, 4, 5 pumped by motor-driven pressure pump; 6 & 7 are developed springs that flow; 8 is a drilled artesian well;

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

- Same as above

8. The depth of water table:

- 1, 2, 3, 4, 5, 6 & 7 come to surface;

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, 3, 4, 5, dug wells, about 10 feet deep; three of which are boxed with wood about six feet; water withdrawn from each by pressure pump with capacity of 20 gallons per minute; 6 & 7 are two springs which were dug out and bailed with open ends sunk therein, the top of which is above the surface of the ground and has 1" pipe in the side through which water flows into trough; 8 is a well drilled to 1700 feet

10. The estimated amount of groundwater withdrawn each year:

- About five million gallons per year from each

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:

- HUTTERIAN BRETHREN OF DEERFIELD AC

SIGNED

By

Signature of Owner

REV. PAUL STAIR, PRESIDENT

Date DECEMBER 4, 1963

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

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

Original to the County Clerk and Recorder: duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Appropriator.
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **William D. Sampson**, of ***[Name of Appropriator]***, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

   - **Irrigation**
   - **Stockwater**

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) **80 miner's inches of the waters of Dipping Tank Coulee**

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 **not applicable**

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 **not applicable**

10. The estimated amount of groundwater withdrawn each year **60,000.00 gallons**

11. The log of formations encountered in the drilling of each well if available **not applicable**

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 water right recorded in Fergus County, Montana, Book and Page number not available at this time**

**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.
State of Montana,
County of Fergus.

Filed, DEC 3 1 1963 10
at 8:30 a.m.

MAY RATHBUN
County Clerk and Recorder
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 207 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: December 15, 1960
Owner: L. L. Carnichael
Address: Danvers, Montana
Contractor (if any): Herb Timdal
Address of Contractor: Lewistown, Montana
Date Started: December 15, 1960
Date Completed: December 15, 1960

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dug down about 7 feet, struck a vein of water. Put in 4 inch drain tile to a cement box, from there it is piped to the building.

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

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

Signature of Owner: L. L. Carnichael
Date: May 14, 1962

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 quaduplicate 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. William D. Snapp, of Darverbs, (Name of Appropriator) (Address) (Town)
   County of Fergus, 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: stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1961. Continuous since that time.

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 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. Drilled well, Pumped, 46 feet deep.

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

8. The depth of water table: 46 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: 46 feet deep

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: belove filed in Fergus

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 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; Tripllicate to the Montana Bureau of Mines and Geology; and Quadruplicate to 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. William D. Aspeg
   (Name of Appropriator)
   of Denver, Montana
   (Address)
   (Town)
   County of Fergus
   State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use, and how continuously the use has been used
   September 20, 1884. Used continuously since then.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 180 miner's inches of the water of Warm Spring Creek

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
   180 acres

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
   Diverted by means of ditch at point on B. of C. to S. of S. of S. of S. Sec. 29, Twp. 17S, Rge. 16W

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
   commenced and completed in 1884.

8. The depth of water table
   not applicable

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
   ditch of sufficient size to convey 3200 miner's inches
   of water to this and other lands.

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

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

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 part of original water right filed October 18, 1867 and recorded in Book 1 of Water Rights, at page 52, Records of Fergus County, Montana.

Signature of Owner: William D. Aspeg
Date: December 20, 1885

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. WILLIAM D. SNAFF, of DANERS, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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

2. The beneficial use on which the claim is based is irrigation (primarily) and stockwater (secondarily).

3. Date or approximate date of earliest beneficial use: 1896. Continuous to date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 3540 miner's inches of the water of Warm Spring Creek.

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: Same as above in 1896 and part in 1897.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1896.

8. The depth of water table: not applicable.

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: ditches and laterals.

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

11. The log of formations encountered in the drilling of each well: not applicable.

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 2 Water Rights, page 58, and Water Right filed May 7, 1896 in Book 1 Water Rights, page 58 in Fergus County, Montana.

Signature of Owner: William D. Snaff
Date: December 30, 1965

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

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

Filed 1902, at 10 o'clock A.M.

MAY RATHBUN
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. Joseph W. & Betty J. Murray, of Duvner
   County of PEGGED State of MONTANA
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:
   
   N.E. 1/4 Sec. 29, T. 17 R. 16
   Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.
   Blks: 7/ 9, 10, 11.
   
   2. The beneficial use on which the claim is based: household and irrigation.

   3. Date or approximate date of earliest beneficial use: May 15, 1935—daily use since that time.

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

   5. If used for irrigation, give the size, location, and description of the lands to which water has been applied and name of the owner thereof: 8 acres, Duvner; owners: Jos. W. & Betty J. Murray

   6. The manner of withdrawing such water from the ground: spring located on Duvner at location withdrawn with a pump (electric).

   7. The date of commencement and completion of the construction of the well or other works for withdrawal of groundwater: Completed Aug. 1935, completed Nov. 1935. Spring house piped 1100 feet to home property.

   8. The depth of water table: Approximately 4 feet (within spring enclosure).

   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: Cement block spring enclosure 8 x 8 x 8 feet, covered by wood and tin pump house.

   10. The estimated amount of groundwater withdrawn each year: 75,000 gal.

   11. The log of formations encountered in the drilling of each well if available: None—Not applicable.

   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: Betty J. Murray
   Date: [signature]

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)

I. Name of Appraiser
   (Address)

County of ___________ State of Montana

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

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

3. Date of 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 267, Montana Session Laws 1961)

<table>
<thead>
<tr>
<th>Name of Appropriaor</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mendith C. Gannett</td>
<td>Lake &amp; Lewistown</td>
<td></td>
</tr>
</tbody>
</table>

County of **Fergus**

State of **Mont**

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

1. **Type of Use**

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

3. Date or approximated date of earliest beneficial use; and how continuous the use has been
   - **1945**
   - **Continuous**

4. The amount of groundwater pumped (in miner's inches or gallons per minute)
   - **7,000**

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 the well or other means of withdrawal
   - **Elk Bump**

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
   - **24 feet**

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

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

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

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

<table>
<thead>
<tr>
<th>Signature of Owner</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Mendith C. Gannett</td>
<td>Dec 31-1963</td>
</tr>
</tbody>
</table>

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 Appropriaor.
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>McAllister, George</td>
<td>Water Well</td>
<td>89771</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Hughes, Fred</td>
<td>W. H.</td>
<td>17528</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>Sayler, James</td>
<td>W. H.</td>
<td>16931</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Smith, Mrs. A. M.</td>
<td>W. H.</td>
<td>17430</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Henderson, Brown</td>
<td>W. H.</td>
<td>13365</td>
<td></td>
</tr>
<tr>
<td>17</td>
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<td>W. H.</td>
<td>89311</td>
<td></td>
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<tr>
<td>18</td>
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<td>W. H.</td>
<td>23361</td>
<td>Sec. 17</td>
</tr>
<tr>
<td>18</td>
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<td>W. H.</td>
<td>5780</td>
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</tr>
<tr>
<td>19</td>
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<td>W. H.</td>
<td>32772</td>
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</tr>
<tr>
<td>19</td>
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<td>W. H.</td>
<td>8772</td>
<td></td>
</tr>
<tr>
<td>23</td>
<td>Henderson, Brown</td>
<td>W. H.</td>
<td>16722</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Enloe, George</td>
<td>Water Well</td>
<td>97932</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Smith, Jack</td>
<td>W. H.</td>
<td>47722</td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Smith, Jack</td>
<td>W. H.</td>
<td>47722</td>
<td></td>
</tr>
<tr>
<td>17</td>
<td>Shemery, Lloyd C.</td>
<td>G. W. H.</td>
<td>15639</td>
<td></td>
</tr>
</tbody>
</table>
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

Owner: George Cerovski  
Address: Danvers, Mont.

Driller: Harrell C. Custer  
Drilling Address: Butte, Mont.

Date Started: Aug. 1, 1957  
Date Completed: Nov. 1, 1957

Location: Sec. 17 T. 17 R. 17 1/4 sec. NE. 1/4 SW. 1/4

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

Equipment used: 
Rotary (Churn, drill, rotary, other)

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

Casing: 
57 ft. to ______ ft.  
Type: ______  
Size: ______

Casing: 
______ ft. to ______ ft.  
Type: ______  
Size: ______

Casing: 
______ ft. to ______ ft.  
Type: ______  
Size: ______

Perforated or Screened: 
35 ft. to ______ ft.  
Type: ______  
Size: ______

Type of screen or perforations: 
______

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: ______

Length of test: ______ hrs.

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

Shirt Tail Packers set at 22 ft.

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>Surface</td>
<td>Limestone</td>
</tr>
<tr>
<td>5-10</td>
<td>Clay</td>
</tr>
<tr>
<td>10-15</td>
<td>Sand and yellow clay</td>
</tr>
<tr>
<td>15-20</td>
<td>Blue clay</td>
</tr>
<tr>
<td>20-30</td>
<td>Sandrock Silt</td>
</tr>
<tr>
<td>30-40</td>
<td>Sandrock White</td>
</tr>
<tr>
<td>40-45</td>
<td>Broken White Sandrock</td>
</tr>
<tr>
<td>45-51</td>
<td>&quot; &quot; &quot;</td>
</tr>
</tbody>
</table>

Casing on bottom of well.
Open end can be pulled or drilled thru.
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 Appropriate) Donald N. Wynn, of (Address) 109 West Main Street, Town of (Town) Pocatello, State of (State) Montana.

County of (County) of Fergus, 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: January 1, 1948, continuous since.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: March 1938, completed 1948.

8. The depth of water table: N/A.

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: General well, 6' wide, 6' deep.

10. The estimated amount of groundwater withdrawn each year: N/A.

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

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

Signature of Owner: Donald N. Wynn
Date: 12/31/1962

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the 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. JAMES LAYEIR
   (Name of Appropriator)
   County of LICK
   State of MONTANA
   (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
      HOUSEHOLD USE
      ACREAGE

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      FIRST USED IN 1850 AND HAS
      BEEN USED EVERY SINCE

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

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

   6. The means of withdrawing such water from the ground and the location of each well or other works for withdrawal of groundwater
      WATER IS PUMPED

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
      THE SPRING IS ONE TON OF BRAIN TIN AND HAS INSTALLED TO
      GREEN TO THE SPRING HOUSE THE SPRING HOUSE IS ABOUT

   8. The depth of water table... FIVE 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 50 FOOT OF BRAIN TIN AND HAS INSTALLED TO

   10. The estimated amount of groundwater withdrawn each year
      ON A KNOWN

   11. The log of formations encountered in the drilling of each well if available
      7 9 16

   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

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

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

   Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

LEWIS H. SCOTT & KATHERINE A. SCOTT, of DANVIRS
(Name of Approporator) (Address) (Town)

County of TERROR 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, livestock and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been, 1897 and used continuously since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) about 5 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: About Spring of 1897.

8. The depth of water table: About 12'.

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 dug 18' deep, casing with 3' diameter cement tile, rock fill behind, wall 30" in diameter at the bottom; well situated about 40' North of house and electric pump under house; water flows through house pressure system, used in house and from there to water livestock and irrigation.

10. The estimated amount of groundwater withdrawn each year: About 25,000 gallons per 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 December 30, 1963

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

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

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

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. "springs, developed and water brought to surface to water tanks by gravity for stock watering purposes and other purposes...

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

Continuously estimated: 100 gallons per minute at six weeks. All year.

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.
State of Montana, ss.
County of Flathead.

Filed FEB 19 1963 at 10:45 A.M.

[Signature]
Clerk of Court and Recorder

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

1. **EDWARD C. GRUENMAN**
   - Name of Appropriator
   - Address
   - Town
   - County of: Fergus
   - 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: **stock water** and **irrigation**

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **August, 1963**

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): **60 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:

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

   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 withdrawing:

   **artesian spring located approximately the middle of Section 17, Twp. 17 N., Rge. 17 E., W.P.M. owned by Edward C. Gruenman**

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

   8. The depth of water table: **0 feet**. **This is an artesian spring**

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

   **flowing artesian spring about 10 feet deep**

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

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

   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: **Edward C. Gruenman**
   Date: **October 1, 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 (County)
OCT 1 1963
Filed at 11:00 a.m.

Sue Mathews
County Clerk and Recorder
Notice of Completion of Groundwater Appropriation by Means of Well  
(Under Chapter 237, Montana Session Laws, 1961)

<table>
<thead>
<tr>
<th>Date well started</th>
<th>Date Completed</th>
</tr>
</thead>
</table>

**Type of Well:** Drilled  
**Equipment Used:** Rotary Drill  

**Water Use:** Domestic  
**Other Uses:**  
- Municipal  
- Other  
- Irrigation  
- Industrial  
- Drainage  
- Stock  

**Owner:**  
**Address:**  
**Driller:**  
**Driller's Address:**  
**Driller's License Number:**  
**Driller's Signature:**

**Static Water Level for Non-flowing Well:**  
**Shut-in Pressure for Flowing Well:**  
**Pumping Water Level:**  
**Discharge in gal. per min. of flowing well:**  
**Test:**  
**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 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, 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 Appropriation.
stratigraphic section

5-50
Black to greyish, clayish shale with bentonite streaks
50-570
Top of greyish-grey and sandy shale, Shell bearing.
570-610
Fine sandy black shale (approx 20% sand)
610-700
Black silty shale
700-720
Sandy black shale
720-740
Black silty shale with bentonite layers (more sand)
740-760
Fine sandy shale
760-800
Sandy shale with siltstone and more bentonite
800-870
Green-black silty shale containing sand
870-930
Silty shale & bentonite
930-1000
Silty shale with sand
1000-1040
Silt shale with m. c. of calcite
1040-1160
Sandy shale
1160-1200
Sandy shale (approx 30% sand)
1200-1240
Sandy shale (approx 30% sand)
1240-1280
Silt shale and sand
1280-1320
Silty sand and m. c. of calcite
1320-1350
Black shale with sand
1350-1370
Black shale with hard sand streaks (no calcite)
1370-1400
Sandy shale
1400-1450
Hard dolomite and calcite sandstone
1450-1497
Top of Kootenai (Hematite clay)
1497-1570
Chert, hematite clay with dirty sandstreaks
1570-1650
Brown lime with quartzite
1650-1700
Variegated clayless shale
1700-1730
Variegated clayless shale with lime streaks
1730-1800
Lime and shale streaks
1800-1830
Lime, medium grained S. S.
1830-1860
Medium salt peeper S.
1860-1890
Lime
1890-1910
Hard lime sand
1910-1920
Limeite leaning red clay - lime
1920-1922
Lime, fine grained sand (top of third Wet Creek)
(Thin 1/2 in. cal.)
1922-1940
Lime, S. S.
1940-1970
Lime, medium grained S. S.
1970-1990
Lime, S. S. With hematite line of sand
1990-2000
Hard limey clay
2000-2040
Course, salt water or s. s. (flowing 3 w. pol/min)
2040-2075
Dirty green shale, cool a. hematite S. S.

Hole T.B. at 2095
STATE OF MONTANA 
COUNTY OF FERGU

Irvin Geinheimer, being first duly sworn, deposes and says:

THAT prior to the 16th day of April, 1967, he employed one B. M. Munson to drill a well on lands owned by Deponent in Section 13, Township 17 North, Range 17 East, M.P.M., Fergus County, Montana; that the said B. M. Munson did drill said well on or about the 15th day of April, 1967; that said B. M. Munson did file a Notice of Completion of Ground Water Appropriation by Means of Well, the same being Document No. 29351, File No. 97/6, in the records in the office of the County Clerk and Recorder of Fergus County, Montana;

THAT by inadvertence and error at the time the said document was filed, irrigation use of the water flowing from said well was not listed as a use; that this affidavit is made for the purpose of amending, supplementing and correcting said original document;

THAT in addition to the use named in said document, the Deponent as the appropriator of said water well, use the same for irrigation on the lands hereinafter described; that the means of diversion will be by pipeline from the location of said well to the place of use shown herein, with or without a storage dam to allow application of the water to the lands of maintained use;

THAT the lands which will be irrigated by the waters so appropriated are more particularly described as follows:

TOWNSHIP 17 NORTH. OF RANGE 17 EAST, M.P.M., FERGUSS COUNTY, MONTANA,
Section 17: Sec.
Section 18: Sec., Sec., Sec.NW.
Further Deponent saith not.

DONE and SWORN this ___ day of February, 1963.


SUBSCRIBED and SWORN to before me this ___ day of February, 1963.

Notary Public for the State of Montana Residing at Lewistown, Montana. My... Commission expires
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 
Owner: Erwin Welnheiser
Address: Lewistown, Montana
Contractor (if any): Self
Address of Contractor:
Date Started: 9/61
Date Completed: 9/12/61

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

Pit Well, developed by open large pit dug slightly below source of water; approximately 2 to 3 feet to water.

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

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

Signature of Owner: Erwin Welnheiser
Date: 2/3/62

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 School of Mines and quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237, Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner: Ervin Weinheimer, Address: Lewistown, Montana

Contractor (if any): Herbert Tindell

Address of Contractor: Lewistown, Montana

Date Started: 9/40
Date Completed: 10/7/60

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring developed and water to surface to tank by gravity for stock watering purposes. 3 to 6 feet to water

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

Signature of Owner: Ervin Weinheimer
Date: 2/23/62

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 work 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
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
Contractor (if any)
Address of Contractor
Date Started
Date Completed
Describe manner of obtaining groundwater without a well "as by sub-irrigation and other natural processes", include depth to water when applicable.
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent, estimate approximate lengths of periods of use.
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 School of Mines and Quadruplicate for the Appropriator.