Declaration of Vested Groundwater Rights

(Name of Appropriator) (Address) (Town) (County) (State)

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

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

2. The beneficial use on which the claim is based. (Under Chapter 237, Montana Session Laws, 1961)

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. Drilled wells, Pumps, etc.

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 The estimated amount of groundwater withdrawn each year.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)

Laura Etta Ward
of Joplin

County of Liberty, 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 household use, irrigation of garden, trees, lawn, livestock and poultry use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. First use was in the year 1910 and has been continuously used since.

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.

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. Original well was completed in 1910; Well was last repaired and reconstructed on about 1957.

8. The depth of water table: 20 feet

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

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 The estimated amount of groundwater withdrawn each year: 60,000 gallons

11. The log of formations encountered in the drilling of each well if available. 0 to 1' topsoil: 1' to 6' Clay; 6' to 88' Sand; 88' to 93' Gravel

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

Signature of Owner
Date: December 13, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; triplicate to the Montana Bureau of Mines and Geology, and quadruplicate for the Approprietor.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

Owner: Courtenay Lincoln  Address: Manhattan, Mont.
Driller: Peter Jonas Jr.  Address: Richfield, Mont.

Date of Notice of appropriation of groundwater: Oct. 1, 1969
Date well started: Oct. 1, 1969  Date completed: Oct. 29, 1969

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

Water use: Domestic  Municipal  Stock  Irrigation
Industrial  Drainage  Other

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Drilling</th>
<th>Perforations</th>
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<tbody>
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<td>5 1/2 in. (6 ft)</td>
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<td>4 1/2 in. (6 ft)</td>
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<tr>
<td>3 1/2 in. (6 ft)</td>
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</tr>
<tr>
<td>2 1/2 in. (6 ft)</td>
<td>7 1/2 in.</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 10 feet.
Shut-In Pressure for Flowing Well: 30 psi.
Pumping Water Level: 10 feet at 50 gal. per minute.
Discharge in gal. per min. of flowing well: 100 gal per minute.

How Tested: Pumped
Length of Test: 60 minutes
Remarks: Gravel packing, cementing, packers, type of shutoff:

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.

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

Driller's License Number: 175
Driller's Signature: 10/10/69
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. C. W. Carlson
   (Name of Appropriator)
   North Star Route, Glasgow
   (Address)
   Walley
   (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: HUMAN and LIVESTOCK

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1941 - well now in use.

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

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

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: 1941

8. The depth of water table: 30 feet

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

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

11. The log of formations encountered in the drilling of each well if available: 1200 feet deep

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: H. Carlson
Date: 8 - 27 - 63

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

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

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

AUG 12 1965
At 3:00 o'clock P.M.

Mary Jane Eaker
County Recorder

By: [Signature]
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 257 Montana Session Laws, 1961)

Date of Appropriation of Groundwater:

Owner:

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:

Spring fed source:

two locations:

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 and irrigation of groundwater:

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.

C. W. "F]._

Date: 6-30-65
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Laura Etta Ward, of Joplin
(Name of Appropriator) (Address) (Town)
County of Liberty 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...livestock use and irrigating pasture lands

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...since 1910 and continuous use since...

4. The amount of groundwater claimed (in miner's inches or gallons per minute)...40 gallons per minute

5. If used for irrigation, given the acreage and description of the lands to which water has been applied and name of the owner thereof...irrigates about 40 acres of pasture land located in NE\(\frac{1}{4}\), Sec. 35, T. 34, R. 40
Owner is Laura Etta Ward

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...natural spring located in NE\(\frac{1}{4}\), Sec. 35, T. 34, R. 40

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...natural spring

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...320,000 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...Laura Etta Ward
Date...December 23, 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.
<table>
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<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
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<td>Fagen, Guy R.</td>
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</table>
Decleration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. DAN (Name of Appropriator)
   ANDESON (Address)
   BARSTOW (Town)
   MONTANA (State)
   VALLEY (County)
   Administrator of Groundwater Code Office of State Engineer

Declaration of vested groundwater rights 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.
   "FOSSIL FLOOD"
   "GROUND WATER PONDEROSA"

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   "1945"
   "DAILY"

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
   "ACREAGE: 10.00
   "OWNER: ADAMS COUNTY"

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   "PUMP"
   "WELL LOCATED YARD. MILE 2.34.00"

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   "12-27-63"

8. The depth of water table.
   "75 ft"

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
   "WELL No. 1, DEPTH 75 ft, CAPACITY 10 GALLONS PER MINUTE"

10. The estimated amount of groundwater withdrawn each year.
   "1,000,000 gal"

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

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 12-27-63

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

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

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

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

1. Clarence D. Fulkerson Box 146, Glasgow
   (Name of appropriator) (Address)
   County of Valley, 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: Stockwater, Household, Garden, Irrigation

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1-1912 - 2-1928

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): Total of 15 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: 1/4 acre of Garde NW, NE

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
      No. 1 1912
      No. 2 1928
      No. 3 6-8-1953

   8. The depth of water table: App 16' to 24'

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
      No. 1 Bored 24" casing, 103' deep
      No. 2 Drilled 4" 10 casing, 98' deep

   10. The estimated amount of groundwater withdrawn each year: 2 Million Gallons

   11. The log of formations encountered in the drilling of each well if available:
      8'-30' gravel, 30' - 55' Blue Clay, 83' - 100' Blue Clay, Fine Water-bearing 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: None

   Signature of Owner: Clarence D. Fulkerson
   Date: June 26, 1963

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriateor.
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Clarence D. Fulham of Box 146, Oglala.

County of Valley, 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: July 1, 1962, New Well to Replace Spring.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 129 gals per min. at 7/1/62.

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: Does Not Apply.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 6/28 - 6/30/62.

8. The depth of water table: 5 1/2 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, 4 1/2 ft. depth.

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

11. The log of formations encountered in the drilling of each well if available: 6-12:

   12-29: Paillo Clay, 81: Clay Mixture

   81-146: Blue Clay, with Local Lenses 146-145: Sandstone

   145-147: Blue Clay 147-166: Sandstone groundwater

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: Clarence D. Fulham
Date: July 1, 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,
County of Valley.

Filed for record.

JAN 28 1963

[Signature]
Deputy
County Recorder
By: [Signature], Deputy
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Hermann F. Wiltschak  of 419 4th Ave.  to  Glasgow
   (Name of Appropriator)
   Address  (Town)

   County of Valley  State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

2. The beneficial use on which the claim is based: Residential and general farm use.

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 1927. Throughout summer, continuously, but some winters.

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 7 to 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: Commercial irrigation.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Completed in 1927.

8. The depth of water table: 45 to 55 feet below ground level.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled well with 12 inch steel screen, approximate depth (60) sixty feet.

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

11. The logs 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:

   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)

Guy R. Fagan, 3 R. R., Opheim
County of Valley
State of Montana

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

2. The beneficial use on which the claim is based: Stock Water and Irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1920-1923 enlarged 1932 and continuous since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 40 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: Approx. 20 acres: See Map.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 3 inch Irrigation Pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1920-1923.

8. At least 15 feet, with 5 feet of water.

8. The depth of water table: 10 feet. Well is in bottom of Coulee.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Well is 20 ft. wide, 20 ft. long, 10 ft. deep, with 5 ft. of water. Water is pumped out with 3 in. Irrigation Pump.

10. The estimated amount of groundwater withdrawn each year: 2,500,000 gal.

11. The log of formations encountered in the drilling of each well if available: Gravel and sand, full depth with water coming out of last 5 feet.

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: Guy R. Fagan
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, as state, otherwise the form will be returned.

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

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

1. Ronald E. Doblen of 5530 Aidmore Ave., Sacramento
   County of Sacramento State of California
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

2. The beneficial use on which the claim is based is domestic and domestic. 1

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 40 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. 2 acres, Test and Demo.

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: 1-2-1914

8. The depth of water table: +a 36 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater, Well 65 deep 18 inch drain

10. The estimated amount of groundwater withdrawn each year: 80,000 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: None

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

Oriental duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology.
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 Appropmtor: Harry D. Beineke
(Named of Appropriator)

County of: Mead
County

Address: Town
State of: Montana

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May 1, 1914

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

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: Harry D. Beineke
Date: Dec 20, 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 Appropmtor.
**Notice of Completion of Groundwater Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

**Owner:** Henry L. Eberle

**Address:** Ophir, Mont.

**Driller:**

**Address:**

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

**Date well started:**

**Date Completed:**

**Type of well:**

- **Equipment Used:** Churn drill

- **(dug, driven, bored or drilled)**

**Water Use:**

- Domestic
- Municipal
- Other
- Irrigation

- Industrial
- Drainage
- Stock

- Other

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

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<th>To (Feet)</th>
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</table>

- Static Water Level for non-flowing Well: __________ feet.

- Shut-in Pressure for Flowing Well: __________

- Pumping Water Level: __________ feet at 10 gal. per minute.

- Discharge in gal. per min. of flowing well: __________

- How Tested: __________

- Length of Test: __________

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

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

**Show exact depth of bottom.**

**Driller's License Number:**

**Driller's Signature:**

---

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology; Quaduplicate for the Appropriator.
STATE OF MONTANA, County of Valley.
Filed for record Oct 15 1964

County Recorder
By: Deputy
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

RAYMOND A. POGGETT
of BOX 23
LASSLAN

DECLARATION OF APPROPRIATION

County of VALLEY State of MONTANA

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

1. Name of Appropnator, State of Engineer.

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1941, CONTINUOUS

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: ELECTRIC WELL, CUT PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1941

8. The depth of water table: 70 FT. - WATER RISES WITHIN 35 FT. OF 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: DRILLED - 4 IN. - 75 FT.

10. The estimated amount of groundwater withdrawn each year: SIXTY THOUSAND GALLONS

11. The log of formations encountered in the drilling of each well if available: NO LOG AVAILABLE

12. Such other information or data similar in nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: NO RECORDS KNOWN TO HAVE BEEN RECORDED

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

1. Norman Zemlicka, of Richland
   (Name of Appropriator) (Address) (Town)

   County of Valley State of Montana
   have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:

   2. The beneficial use on which the claim is based: General, Household, Stock, Irrigation, Fire.

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Not available. Periodically.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): Fifty (50) gal. 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: One (1) acre. 

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Not available.

   8. The depth of water table: Ninety Six (96) 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, Six (6) inch, 136 feet.

   10. The estimated amount of groundwater withdrawn each year: Fourty, 000 gal. when used.

   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: Used to full capacity, periodically. Fire: Protection, full capacity.

   Signature of Owner: Norman Zemlicka
   Date: Dec 31, 1963

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

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

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

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

STATE ENGINEER

JAN 17 1964

County

 Declaration of Vested Groundwater Rights

1. Guy R. Fagan, of R.R. #2, Opheim
   (Name of Appropriator) (Address)
   County of Valley
   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: 1912 and continuous.

4. The amount of groundwater claimed (in miner's inches per minute): 10 gal. per min. (both)

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 10 acres - see map.

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


8. The depth of water table: 37 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: Both wells - 4 inch diameter, steel casing, 50 to 52 ft. deep, water raised to 33 ft. at and 150 ft. above.

10. The estimated amount of groundwater withdrawn each year: 3,500,000 gal.

11. The log of formations encountered in the drilling of each well if available: Wells No. 1 and 2.

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: Guy R. Fagan
Date: December 30, 1964

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

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

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

County of

Filed this

DEC 30 1963

3:16

MARY LOU KEPE, Clerk & Recorder
Valley County
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

   County of
   State of

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

   2. The beneficial use on which the claim is based: Stock, and Garden Irrigation.

   3. Date or approximate date of earliest beneficial use, and how continuous the use has been: 2.5% of the time.

   4. The amount of groundwater claimed (in miner's inches or gallons per minute): One inch pumps, less used on these wells. Have no idea how much water is used 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: About 1 acre, a garden spot.

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Drilling by pumps, Sec. 32, T. 34, R. 41, E.

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1936.

   8. The depth of water table: Twelve 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: Hand dug, 3x3', x x 12' deep.

   10. The estimated amount of groundwater withdrawn each year: Have no idea how much is taken.

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

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

   Signature of Owner: Samuel Fuhmann
   Date: Feb. 17th, 1942

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.
<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>
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<td>GW H</td>
<td>488702</td>
<td></td>
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<tr>
<td>2</td>
<td>Zawliske, Norman</td>
<td>H</td>
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<td>3</td>
<td>Birkaske, Walter J</td>
<td>H</td>
<td>438637</td>
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<td>FW H</td>
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<td>6</td>
<td>Greenwood, Henry</td>
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<td>Greenwood, Kenneth</td>
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<td>GW 2</td>
<td>19119</td>
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<td>9</td>
<td>Gunderman, Lorraine</td>
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<td>10</td>
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<td>11</td>
<td>Goodrock, Alton</td>
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<td>13</td>
<td>Zawliske, Norman</td>
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<td>14</td>
<td>Gunderman, Albert</td>
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<td>Elingson, Kermit</td>
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<td>17</td>
<td>Cook, Ethel Henry</td>
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</tr>
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<td>18</td>
<td>Gunderman, Ethel</td>
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<td>19</td>
<td>Thornton, Warren L.</td>
<td>H</td>
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<td>GW 2</td>
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<tr>
<td>21</td>
<td>Kupperbusch, Richard</td>
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</tr>
<tr>
<td>22</td>
<td>Kaimche, Gene C.</td>
<td>2</td>
<td>20238</td>
<td></td>
</tr>
</tbody>
</table>
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Winder Bros., George R. & Richard D., Richland

(Name of Appropnator) (Address) (Town)

County of: Valley State of: Montana

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

Well No. 1 & Well No. 2

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

3. Date or approximate date of earliest beneficial use, and how continuous the use has been: Well No. 1, Oct. 1926; Well No. 2, Nov. 1926, continuous

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 5 acres, sec. 1, twp 34, R. 42

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Pump, sec. 1, twp 34, R. 42

7. The date of commencement and completion of the construction of the well, or other works for withdrawal of groundwater: Well No. 1, Oct. 1926; Well No. 2, Nov. 1926

8. The depth of water table: Well No. 1, 140 feet; Well No. 2, 140 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any works for the withdrawal of groundwater: Well No. 1, 'Hinch steel casing, 278 feet; Well No. 2, 'Hinch steel casing, 200 feet

10. The estimated amount of groundwater withdrawn each year: 365,000 gallons

11. The log of formations encountered in the drilling of each well if available: Well No. 1, Surface soil, 5' Yellow clay, 20', Sand rock 3', Yellow clay, 13', Sand rock, 2', Blue clay, 24', Coal black, 3', Blue clay, 25', Coal, solid, 2', Blue clay, 18', Coal, solid, 5', Blue clay, 45', Slate rock, 8', Sand, Blue or black, 89'

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: 9-29-62

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 School of Mines and quadruplicate for the Appropnator.
STATE OF MONTANA,
County of Valley.
Filed for record.

APR 10 1962
3:30 O'clock P.M.
Mary Sue Cook
County Recorder
By Patricia J. Olsen Dey
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Norman Zemlicka, of Highland,
   (Name of Appropriator) (Address) (Town)

   County of Valley, State of Montana

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

2. The beneficial use on which the claim is based. General, Household, Stock, Irrigation, & Fire.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
   Wall No. 1, Feb. 10, 1942, used continuously.
   Wall No. 2, June 15, 1959, used continuously.

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
   Wall No. 1, twenty (20) gal. per minute.
   Wall No. 2, twelve (12) 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.
   Wall No. 1, 1 acre, Sec. 2, T44, R42.
   Wall No. 2, 2 acres, Sec. 3, T44, R42.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   Wall No. 1, suction pump.
   Wall No. 2, suction pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
   Wall No. 1, Feb. 3, 1942.
   Wall No. 2, June 10, 1959.

8. The depth of water table.
   Wall No. 1, Fifty-two (52) feet. Wall No. 2, Sixteen (16) 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.
   Wall No. 1, Bored, 24 inches, 24 feet deep.
   Wall No. 2, Hand dug, 10 ft. 14 in., 20 feet deep.

10. The estimated amount of groundwater withdrawn each year.
    Wall No. 1, 400,000 gal. Wall No. 2, 450,000 gal.

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.

   Wall No. 1 & No. 2, used to full capacity.

   Signature of Owner: Norman Zemlicka
   Date: Dec. 31, 1962

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

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

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

(Under Chapter 237, Montana Session Laws, 1961)

<p>| | | | | | |</p>
<table>
<thead>
<tr>
<th></th>
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</tr>
</thead>
<tbody>
<tr>
<td>1.</td>
<td>Walter J. Birkoski</td>
<td>of</td>
<td>Glentana</td>
<td>(Name of Appropriator)</td>
<td>(Address)</td>
</tr>
<tr>
<td></td>
<td>County of</td>
<td>Valley</td>
<td>State of</td>
<td>Montana</td>
<td>(Address)</td>
</tr>
</tbody>
</table>

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1965, as follows:

2. **The beneficial use on which the claim is based:** livestock use, poultry and swine, household use.

3. **Date or approximate date of earliest beneficial use:** about 1912 and has been used continuously since.

4. **The amount of groundwater claimed (in miner's inches or gallons per minute):** 30 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:** irrigates 1 acre of home garden and shrubs from well No. 2.

6. **The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:** Well #1 has electric jet pump; Well #2 and #3 has electric pump; all wells located in SW 1/4 NE 1/4, Sec. 3, T. 34, R. 42.

7. **The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:** on about 1912, wells were constructed and completed.

8. **The depth of water table:** 110 feet.

9. **So far as it may be available, the type, etc., and depth of each well or other details of any other works for the withdrawal of groundwater:** Well #1 is operated by electric jet pump and has 6 inch casing; Well #2 and #3 is operated by electric pump and has 6 inch casing.

10. **The estimated amount of groundwater withdrawn each year:** 4,000,000 gallons per year.

11. **The log of formations encountered in the drilling of each well if available:** 0 to 20 sand and gravel; 20 to 32 lignite coal; 32 to 82 clay; 82 to 102 shale, 102 to 110 clay.

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

---

**Signature of Owner:** Walter J. Birkoski

**Date:** December 23, 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.
## WATER WELL LOG

**Owner:** Walter Birkoski  
**Address:** Glentana, Montana

**Driller:** A & B Drilling Co.  
**Address:** Socoby, Montana

**Date Started:** 7/17/57  
**Date Completed:** 7/18/57

**Location:** Section 37, T. 34 N., R. 14 W., sec.

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Drilled</th>
<th>Equipment used</th>
<th>Cable tool</th>
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</thead>
<tbody>
<tr>
<td>Domestic</td>
<td>X</td>
<td>(Cable tool, rotary, other)</td>
<td></td>
</tr>
</tbody>
</table>

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

**Casing:**  
- 60 ft. to 68 ft. Type: plastic  
- Size: h ft.

**Perforated or Screened:**  
- 27 ft. to ft. Type: plastic  
- Size: h ft. from bottom to ft.

**Static Water level, for non-flowing well:** 27 feet.

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

**Pumpin:**  
- 27 feet at 6 GPM gal. per min.

**How tested:**  
- Bailer

**Length of test:**

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

Drilled 8" hole, back filled around h' plastic pipe with gravel.

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
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<tbody>
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<td>From</td>
<td>To</td>
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<td>56 1/2</td>
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</tbody>
</table>
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Walter Binfords Address: 

Driller: Walter Address: Glasgow

Date of Notice of Appropriation of Groundwater

Date well started: Aug 15 Date Completed: Sept 19

Type of well: Equipment Used: Churn drill

(dig, driven, bored or drilled)

Water Use: Domestic Municipal Other Irrigation

Industrial Drainage Stock

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

<table>
<thead>
<tr>
<th>Stratified Hole</th>
<th>Strata and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
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<tbody>
<tr>
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</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 87 feet

Shut-in Pressure for Flowing Well

Pumping Water Level: 22.3 feet at 11.0 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: Bailed Length of Test: 1.5 hours

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

Driller's License Number: 

Driller's Signature:

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

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

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

NOV 13 1864

Mary Ann Bush
Serve Secretary
By
Deputy
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Henry Greenwood
(Name of Appropriator)

Glendora
(State or County)

County of Valley
(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: Livestock Water Use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: about 1945 and has been continuously used since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 4 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: no

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: not applicable

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: 500,000 gallons per year

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: unknown

Signature of Owner: ___________________________
Date: Dec. 26, 1968

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

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

Original to the County Clerk and Recorder. Duplicate to the State Engineer. Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Notice of Completion of Groundwater Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 297 Montana Session Laws, 1961, as amended)

Owner: Kenneth Brown
Driller: Peter Larson Jr.

Date of Notice of appropriation of groundwater: July 7, 1969
Date well started: July 7, 1969
Type of well: Extended
Equipment used: Churn drill

Water used: Domestic
Indicate on the diagram the diameter and thickness of the different strata met with in drilling, such as sand, 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 Bored Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 9 feet
Shut-in Pressure for Flowing Well: 15 feet
Pumping Water Level: 8 feet
Discharge in g.p.m. of flowing well: 200 g.p.m.

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

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

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

Driller's License Number: Peter Larson Jr.
Driller's Signature: 45610

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

Please answer all questions. If not applicable, so state, otherwise the form will be returned.
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Walter J. Birkooski**, of **Glentana**

   - **County of Valley**
   - **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.
   - **Livestock use**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. **April 1942 and has been used continuously since**.

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 arrange and description of the lands to which water has been applied and name of the owner thereof.
   - **No**

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

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. **0**

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. **1,000,000 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: **Walter J. Birkooski**

Date: **December 23, 1963**

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriate
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Walter Pankowski
Address: Kalispell

Driller: Walter Pankowski
Address: Kalispell

Date of Notice of Appropriation of Groundwater: Sept 1

Date well started: Sept 14
Date Completed: Sept 14

Type of well: Dug

Equipment Used: Chain drill

Dug, driven, bored or drilled

Water Use: Domestic □ Municipal □ Other □ Irrigation □

Industrial □ Drainage □ Stock □

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

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

| 75 ft.               |                            |             |           |              |

Static Water Level for non-flowing Well: 85 feet

Shut-in Pressure for flowing Well: 0

Pumping Water Level: 50 feet at 18 gal. per minute.

Discharge in gal. per min. of flowing well: 10 gal.

How Tested: Field Length of Test: 20 feet

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

Driller's License Number: 114

Driller's Signature: [Signature]

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 Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
STATE OF MONTANA,
County of Valley.
Filed for record

NOV 13 1964

at 2:15 o'clock P.M.
Mary E. Hille
County Recorder

By Doris Alice Dugay
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Lorrain Gunderson**
   - Name of Appropriator
   - Address
   - Town
   - County of Valley
   - State of Montana

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

   - **2.** The beneficial use on which the claim is based: **Household and livestock well.**
   - **3.** Date or approximate date of earliest beneficial use; and how continuous the use has been: **1940 - continuous.**
   - **4.** The amount of groundwater claimed (in miner's inches or gallons per minute): **10 gallons per minute.**
   - **5.** If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
   - **6.** The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
     - **Electric pump - located per map.**
   - **7.** The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **1940.**
   - **8.** The depth of water table: **80 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: **120' deep, 4' casing, 12' pipe.**
   - **10.** The estimated amount of groundwater withdrawn each year: **360,900 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; Tripllicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights

(Name of Appropriate) of (Address) of State...

1. 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 accurate 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. Water is pumped with pump and wells are located in building era.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawing of groundwater. 2 wells drilled in 1914, 1 well drilled in 1943, 1 well in 1961.

8. The depth of water table. Wells are 22 ft. deep and water comes to 12 feet of top.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 16 inch casing. Pumped with well pump.

10. The estimated amount of groundwater withdrawn each year. 547,500 gallons.

11. The log of formations encountered in the drilling of each well if available. Sandy loam, silty, and cont.

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: Lura Ramabacher.

Date: 1-18-1963

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.

File No.