Declaration of Vested Groundwater Rights

Under Chapter 237, Montana Session Laws, 1961

<table>
<thead>
<tr>
<th>Name of Appropriator</th>
<th>Address</th>
<th>Town</th>
</tr>
</thead>
<tbody>
<tr>
<td>James Brothers</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

County of Golden 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 & Home Field

3. Date or approximate date of earliest beneficial use and how continuous the use has been: 1962-1964

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1966 #5 1967 #1

8. The depth of water table: 15 ft. 16 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:

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 The estimated amount of groundwater withdrawn each year: 2,500 gal.

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: James Brothers
Date: Dec 28, 64

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

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

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1-14-63
Owner: Carl E. Ziemer
Address: Ryegate, Mont.
Contractor (If any): None
Address of Contractor: None
Date Started: 3-15-63
Date Completed: 9-30-63

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring water comes to surface, mud and debris has to be removed periodically.

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: 9 to 12 months of year.

Signature of Owner: Carl E. Ziemer
Date: 1-14-63

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.
State of Montana,
Golden Valley County.
Filed this 18th day of April, A.D. 1962.

Elizabell A. [Signature]
County Recorder.

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

1. Carl E. Zinnek
   Bertha M. Zinnek
   (Name of Appropriator)
   (Address)
   (Town)
   County of Golden 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: Household bathroom only

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 2 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 Have used for irrigation

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

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

8. The depth of water table: 19 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: 8 inches diameter, 40 ft deep

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

11. The log of formations encountered in the drilling of each well if available: Loamy 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: Water unfit for human consumption

Signature of Owner: Carl E. Zinnek
Date: 5-10-63

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,
Golden Valley County,
Filed this 18th day of April, A.D. 1963,
at 2:45 o'clock, P.M.

[Signature]
County Recorder.

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

State of Montana
County of Golden Valley

Name of Appropriator: Carl E. Zimny
Address: Bozeman, MT
State of Montana

County of Golden Valley

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 6-15-43 Used from 7 to 11 months of each year

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 1,000 gallons per minute

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

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: 6-1-43 to 6-15-43

8. The depth of water table: 40 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: Diameter of hole, 12 in; depth, 90 ft

10. The estimated amount of groundwater withdrawn each year: 90,000 gallons

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county-record: Not applicable

Signature of Owner: Carl E. Zimny
Date: 7-1-63

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,

Golden Valley County,

Filed this ______ day of

April, ______ A.D. 19__

at 3:30 o'clock P.M.,

Elizabeth M. Thompson

County Recorder.

[Signature]

[Stamp: 53258]
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Carl E. and Bertha J. Heek
Address: Ryegate, Montana

Driller: Albert J. Heek
Address: Harlowton, Montana

Date of Notice of Appropriation of Groundwater: 4-18-62
Date completed: 4-25-62

Type of well: Drilled
Equipment Used: Cable Tool
(dug, driven, bored or drilled)

Water Use: Domestic □  Municipal □  Stock □  Irrigation □  Industrial □  Drainage □  Other □

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

Static Water Level for non-flowing Well: 80 feet
Shut-in Pressure for Flowing Well
Pumping Water Level: 75 feet at 6 gal. per minute.
Discharge in gal. per min. of flowing well
How Tested: Pump Length of Test: 3 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)

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.

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,
Golden Valley County,
Filed this 18th day of April 1963
in and for said P.M.
Elisabeth M. Jacobson
County Recorder.

John R. Martin
Deputy
in said P.M.
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Ronald W. Fiske** of Ryegate, Mont.
   (Name of Appropriator)
   Address of Appropriator: Golden Valley
   (Town)
   County of Golden Valley State of Montana
   (County of Use)
   (State of Use)

   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**

   3. Date or approximate date of earliest beneficial use, and how continuous the use has been: **1947 Stock Water 6 months out of the year**

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

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

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

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

   8. The depth of water table: **35 ft.**

   9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: **Dredge 6 in. 80 ft.**

   10. The estimated amount of groundwater withdrawn each year: **5,500 gal.**

   11. The log of formations encountered in the drilling of each well if available, or more 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: **Ronald W. Fiske**
   Date: **Dec. 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.
- **Declaration of Vested Groundwater Rights**

  **(Under Chapter 237, Montana Session Laws, 1961)**

  **Carl E. Zinne — Betha M. Zinne**
  **(Name of Appropriator)**
  **Rye Gate**
  **(Address)**
  **County of: Golden Valley — State of: Montana**

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

  1. **Name of Appropriator:** Carl E. Zinne — Betha M. Zinne
     **(Address):** Rye Gate
     **(Town):**
     **County:** Golden Valley — **State:** Montana

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

  3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 
     **10-10-58 to 10-15-58**
     **INTERMITTENT DEPENDING ON FLOW OF WATER IN WELL**

  4. The amount of groundwater claimed (in miner's inches or gallons per minute): 
     **2 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: 
     **NEUTRALIZED FOR IRRIGATION**

  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: 
     **10-10-58 to 10-15-58**

  8. The depth of water table: 
     **25 FT**

  9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 
     **6 INCH DIAMETER — 49 FT DEEP**

  10. The estimated amount of groundwater withdrawn each year: 
      **45,000 GALLONS**

  11. The log of formations encountered in the drilling of each well if available: 
      **SURFACE WATER IN SAND POCKET**

  12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: 
      **NOT APPLICABLE**

  **Signature of Owner:** Carl E. Zinne
  **Date:** 1-14-63

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.
Notice of Completion of Groundwater Appropriation
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: June 15, 1962

Owner: Rebecchi, M. Zinkle
Address: Ryegate

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.

Water pumped from behind
Small dam, water raised 8 feet
In Coolee Creek, water is
Used for irrigation

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, 15 acres
sheet used each year, approximately
Seven days each year

Signature of Owner: Call Engineering
Date: 12-12-63

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.
Golden Valley County,

Filed this 13th day of December A.D. 1962 at 3:35 o'clock P.M.

Elizabeth M. Vanberg
County Recorder.

[Signature]

Dedip.
Earl R. Zinne, Ryegate, Montana

May 19, 1964

12-13-63

53652

from Coulee Creek
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Louis E. and Marie A. Ziane,
1. with full rights of survivorship

County of Golden Valley State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1982, as follows:

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

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

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

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

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

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year.

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

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

Signature of Owner: Louis E. Ziane
Date: 12-20-1963

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 Appropriator.
State of Arizona.
Golden Valley County.

Filed this 27th day of December A.D. 1963.
at 4:30 P.M.

Elizabeth M. Torenberg
County Recorder.

Vera L. Masters
Deputy.
Declaration of Vested Groundwater Rights
(Under Chapter 21, Montana Session Laws, 1965)

1. Name of Appropriator
   Address
   Town
   County of Montana

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

   2. The beneficial use on which the claim is based
      WATER FOR LIVESTOCK

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been
      Approx. 1916

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

   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
      Gas-driven Pump

   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
      65 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
      7" Diam. Depth - 150 Ft.

   10. The estimated amount of groundwater withdrawn each year
      262,800 Gal.

   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:       Dec. 31, 1985

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 Appropriate.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Robert C. Wolff
Address: Billings, MT 59101
Driller: Address: 

Date of Notice of Appropriation of Groundwater: 5/23/62
Date well started: 5/1/62
Date Completed: 5/24/62

Type of well: Drilled
Equipment Used: (Drill, drill, rotary or other)

Water Use: Domestic □ Municipal □ Other □ 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 water rises in the well.

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing (Feet)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>7 1/2</td>
<td>15 7/8</td>
<td>6 2/8</td>
<td>11 6/7</td>
<td>C 1/2</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 26 feet.
Shut-in Pressure for Flowing Well:
Pumping Water Level: 45 feet at 71 gal. per minute.
Discharge in gal. per min. of flowing well:
How Tested: Length of Test: 110 ft.
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of ease 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.

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.
Notice of Completion of Groundwater Appropriation by Means of Well

Date of Notice of Appropriation of Groundwater: 3/1/1963
Date well started: 3/1/1963
Date completed: 3/1/1963

Type of well: Drilled
Reenforced Case: Cable

Equipment Used: (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 water. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Static Water Level for non-flowing Well: 2 ft
Shut-in Pressure for flowing well:
Pumping Water Level: 15 ft feet at 77 gal per minute
Discharge in gal. per min. of flowing well:

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.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Nov. 1, 1961

Owner: Alfred vsf

Contractor (if any): None

Address of Contractor: None

Date Started: None Date Completed: None

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. [Handwritten: Three feet below ground level.]

[Grid drawing]

N

W

E

S

W 1/4 NE Sec. 15 T. 45 N. R. 94 E.

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

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.

Signature of Owner: Alfred vsf

Date: May 7, 1965

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

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Approprietor.
State of Montana. \{SS.

Golden Valley County,

Filed this \text{day} of \text{July} A.D. 196\text{5}

at 8:30 o'clock P.M.

\text{Compl} \text{ntd:}\text{\underline{M.L.} Draper}

\text{\underline{D.J.} Norton}
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: [Name]  Address: [Address]
Driller: [Name]  Address: [Address]

Date of Notice of Appropriation of Groundwater
Date well started, Date Completed.

Type of well: (dug, driven, bored or drilled) Equipment Used (drill, churn, 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, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

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

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

Driller's License Number
Driller's Signature

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
State of Montana,  
Golden Valley County, L.S.S.
Filed the _________ day of
December, _______ A.D. __________
at _______ o'clock _______ M.

County Recorder.

July 20, 1902
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

County of Golden 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 + stockwater

3. Date or approximate date of earliest beneficial use and how continuous the use has been. Dec 1956 daily #1

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): #2 20 gal per minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: #1 1957 #2 1918

8. The depth of water table: #1 approx 15 ft #2 not applicable

9. So far as it may be available, the type, size and depth of each well or other works for the withdrawal of groundwater: #1 m drilled and cased with 1 casing

10. The estimated amount of groundwater withdrawn each year: #1 25,000 gal #2 263,000

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

12. Such other information of similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: 1st log is obtained from old 2nd construction commission's office of Helena, Montana

Signature of Owner: Jenna Bero
Date: Dec 28 - 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, I ss.
Golden Valley County, 

Filed this __________ day of
December, __________ A. D. 1963.
at 11:32 A.M.

Elizabeth M. Langin
County Recorder.

Vera E. Martin

the 35th day

State of Montana, I ss.
Golden Valley County, 

Filed this __________ day of
December, __________ A. D. 1963.
at 11:32 A.M.

Elizabeth M. Langin
County Recorder.

Vera E. Martin

the 35th day
## WATER WELL LOG

### Owner

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bob Smith</td>
<td>Question Mark Street</td>
</tr>
</tbody>
</table>

### Driller

<table>
<thead>
<tr>
<th>Driller</th>
<th>Address</th>
</tr>
</thead>
<tbody>
<tr>
<td>Albert Deck</td>
<td>Question Mark Street</td>
</tr>
</tbody>
</table>

### Date Started

- **May 17, 61**

### Date Completed

- **May 26, 61**

### Location

- **Sec. 26, T. 5 N., R. 20 E., 1/4 sec. SE 4**

### Type of well

- **Cased**

### Equipment used

- **Dibble Tool**

### Water use

- **Stock**

### Casing

<table>
<thead>
<tr>
<th>Casing</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 ft. to 12 ft.</td>
<td>Galv. pole</td>
<td>8&quot;</td>
</tr>
</tbody>
</table>

### Static Water level

- **feet**

### Shut-in pressure

- **lb./sq. in. on: (date)**

### Pumping water level

- **1.05 feet at 3 gal. per min.**

### Remarks

- **(Gravel packing, cementing, packers, type of shut-off, depth of shut-off)**
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From</td>
<td>To</td>
</tr>
<tr>
<td>1</td>
<td>35</td>
</tr>
<tr>
<td>35</td>
<td>95</td>
</tr>
<tr>
<td>75</td>
<td>80</td>
</tr>
<tr>
<td>80</td>
<td>100</td>
</tr>
<tr>
<td>100</td>
<td>105</td>
</tr>
<tr>
<td>110</td>
<td>135</td>
</tr>
<tr>
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<td>140</td>
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<td>150</td>
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<tr>
<td>150</td>
<td>175</td>
</tr>
<tr>
<td>175</td>
<td>210</td>
</tr>
<tr>
<td>210</td>
<td>315</td>
</tr>
<tr>
<td>315</td>
<td>325</td>
</tr>
</tbody>
</table>
# WATER WELL LOG

**Owner:** Edward P. Head  
**Address:** Butte, Montana

**Driller:** Herbert Sick  
**Address:** Missoula, Montana

**Date Started:** June 20, 1961  
**Date Completed:** June 21, 1961

**Location:** Sec. 37, T. 5, R. 20 W. 1 / 4 sec. M.E.

<table>
<thead>
<tr>
<th>Type of well</th>
<th>Equipment used</th>
<th>Casing: ft. to ft.</th>
<th>Type</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dug, driven, bored, or drilled</td>
<td>Cable choc</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Water use:**  
- Domestic □  
- Municipal □  
- Stock ☑  
- Irrigation □  
- Industrial □  
- Drainage □  
- Other: □

**Casing:**  
- Top to 30 ft.  
- Type: steel  
- Size: 6" (over)

**Perforated or Screened:**  
- 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:**  
- 

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>1-25</td>
<td>Brown Clay</td>
</tr>
<tr>
<td>25-30</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>30-35</td>
<td>Gray Sand Rock</td>
</tr>
<tr>
<td>35-40</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>40-60</td>
<td>Gray Sand Rock</td>
</tr>
<tr>
<td>60-65</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>65-76</td>
<td>Gray Sand Rock</td>
</tr>
<tr>
<td>76-900</td>
<td>Gray Shale</td>
</tr>
</tbody>
</table>
**Notice of Completion of Groundwater Appropriation by Means of Well**
(Under Chapter 237, Montana Session Laws, 1961)

**Owner:**

**Driller:**

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

**Date well started:**

**Date Completed:**

**Type of well:**

**Equipment Used:**

**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.

### Diagram

```
N

W

E

S

1/4 Sec 27 T 5 R 20

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

Show exact depth of bottom.
```

**Static Water Level for non-flowing Well**

10 feet.

**Shut-in Pressure for Flowing Well**

**Pumping Water Level**

10 feet at 45 gal. per minute.

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

**How Tested**

**Length of Test**

3 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)

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

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.
State of Montana,

Golden Valley County, 1965

Filed this 13th day of July, A.D. 1965
at 1:30 o'clock P.M.

Elizabeth M. Armstrong, County Recorder.

Pet 3 20 65
**Notice of Completion of Groundwater Appropriation by Means of Well**

**Developed after January 1, 1962**

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

**Owner:** Eugene Schaff  
**Address:** Ryegate, Mont.

**Driller:** Northern Nat. Gas, Address

**Date of Notice of Appropriation of Groundwater:** 10-3-54

**Date Well Started:**  
**Date Completed:**

**Type of Well:** Artesian  
**Equipment Used:** Rotary

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
</tr>
</thead>
<tbody>
<tr>
<td>9-8/9&quot;</td>
<td>140 ft/10&quot;</td>
<td>0</td>
<td>290 ft</td>
</tr>
</tbody>
</table>

**Static Water Level for Non-Flowing Well:**

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

**Pumping Water Level:**

**Discharge in gal. per min. of flowing well:** 60

**How Tested:**

**Length of Test:**

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

(Continued on reverse side)

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

**Driller's License Number:**

**Driller's Signature:**

---

Additional notes and diagrams are present on the document, indicating the location of the well and the specifics of the procedure used. The form is to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, with a tissue copy retained by the driller.
State of Montana, 1882.
Golden Valley County, 1882.
Piled this 30th day of
August, A.D. 1872,
at 9 o'clock of the forenoon.

[Signature]
County Recorder.
## GROUNDWATER INDEX

County **GOLDEN VALLEY**  Twp. **5N**  Rge. **21E**

<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>Horne, Jurgen</td>
<td>GW4</td>
<td>53097</td>
<td></td>
</tr>
<tr>
<td>7</td>
<td>Horne, Jurgen</td>
<td>GW4</td>
<td>53097</td>
<td></td>
</tr>
<tr>
<td>8</td>
<td>Horne, Jurgen</td>
<td>GW3</td>
<td>53889</td>
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<td>14</td>
<td>Schumacher, L.G.</td>
<td>GW3</td>
<td>53891</td>
<td></td>
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<tr>
<td>18</td>
<td>Schumacher, L.G.</td>
<td>GW3</td>
<td>53888</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Simpson Brothers</td>
<td>GW2</td>
<td>53222</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Simpson Brothers</td>
<td>GW2</td>
<td>53627</td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>Simpson, Helene</td>
<td>GW4</td>
<td>53891</td>
<td>See Sec. 18</td>
</tr>
<tr>
<td>20</td>
<td>Simpson, Helene</td>
<td>GW4</td>
<td>53891</td>
<td>See Sec. 18</td>
</tr>
<tr>
<td>21</td>
<td>Simpson, Helene</td>
<td>GW4</td>
<td>53891</td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>Hoffstetter, Frederick</td>
<td>GW3</td>
<td>53869</td>
<td></td>
</tr>
<tr>
<td>24</td>
<td>Hoffstetter, Helen</td>
<td>GW4</td>
<td>53818</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Hoffstetter, Helen</td>
<td>GW3</td>
<td>53818</td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Jansen, Helene</td>
<td>GW4</td>
<td>53894</td>
<td></td>
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<td>Jansen, Helene</td>
<td>GW3</td>
<td>53898</td>
<td></td>
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<tr>
<td>341</td>
<td>Jansen, Helene</td>
<td>GW4</td>
<td>53893</td>
<td></td>
</tr>
</tbody>
</table>
# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

## Declaration of Vested Groundwater Rights

1. **Name of Appropriator**: Jurgen Harns

   **Address**: Belmont

   **Town**: Golden Valley

2. **Beneficial Use**: Livestock

3. **Date or Approximate Date of Earliest Beneficial Use**: 1948

4. **Amount of Groundwater Claimed**:
   - **Per Minute**: 10 gallons

5. **Irrigation Details**:
   - **Acreage**:
   - **Description of Land**:

6. **Means of Withdrawal**:
   - **Groundwater Table Depth**: 80 ft.
   - **Depth of Well**: 120 ft.

7. **Date of Commencement and Completion of Construction**: 1948

8. **Log of Formations Encountered**: Unavailable

9. **Estimated Amount of Groundwater Withdrawn Each Year**: 800,000 gal.

10. **Signature of Owner**: Jurgen Harns

   **Date**: Dec. 22, 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, ss.
Golden Valley County, ss.

Filed this 21st day of December A.D. 1962 at 2:30 o'clock p.m.

Elizabeth N. Streberg, County Recorder

Charles X. Ott, Deputy

53097
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Jurgen Harms
(Name of Appropriator)
Belmont, Montana
(Address)

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 and General Ranch

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute):
20,000 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 of the land:

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:
Dec. 29, 1962

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:
220,000 gallons

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

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: Jurgen Harms
Date: Dec. 29, 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,

Golden Valley County,

Filed the 28th day of December, A.D. 1953,
at 2:30 P.M.

Filed by M. Franklin
County Recorder

[Signature]
Notice of Completion of Groundwater Appropriation Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1913
Owner: Jureg Blommer Address: Bismarck, Mont.
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. Natural springs, forming small creeks.
Quantity of water developed and used with explanation of method
or estimate such amount. If use is intermittent
estimate approximate lengths of periods of use. Year Around.

Signature of Owner: Jureg Blommer
Date: December 29, 1963

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 Missouri.

County:

Filed:

Date:

A.D. 1962

at 3:00 o'clock A.M.

Elizabeth M. F. Spaulding
County Recorder.

Vera C. Martin
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. Zimm Brothers (Name of Appropriator) of (Address) in (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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 12/14

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 50 gpm, 10 ft.

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: 12/14

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: Zimm Brothers
Date: Dec. 28, 1963

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

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

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

(Under Chapter 287 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: July 1, 1939

Owner: Jerome Reed
Address: Pony Gate, Mart.

Contractor (If any): not applicable
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. Water is obtained by dewatering at the source and various points of outflow from springs.

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. Approximately 10 gal per min.

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

Signature of Owner: Jerome Reed (by Thomas Reed)
Date: Dec 28, 1963

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.

Golden Valley County.

Filed this 31st day of December, A.D. 1963.

at 11:38 o'clock A.M.

Elizabeth M. Leininger
County Recorder.

Alice L. Weisberg

for 2nd pt.
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: 1943
Owner: Zinne Frazee (Alvin H. Zinne)
Address: Regal, Mont.
Contractor (if any): not applicable
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. Water is utilized by livestock at the springs and various points of overflow from the springs.

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: approximately 20 gals. per minute.

Signature of Owner: Zinne Frazee (Alvin H. Zinne)
Date: Dec. 28 - 63

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,
Golbin Valley County,

Filed this ___ day of ___ D. ___ A. 19___
at __ o'clock ___ M.

Elizabeth M. Zappling
County Recorder.

Helen L. Martin
___

Dec. 21st 19___
**Notice of Completion of Groundwater Appropriation Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

- **Date of Appropriation of Groundwater:** 1913
- **Owner:** Jurem Haare
- **Address:** Belmout, Mont.
- **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.

```
N

W

E

S

NE 1/4 Sec. 5 T. 5 N 21
```

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

- **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:**

Signature of Owner: Jurem Haare

Date: December 30, 1963

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,

Golden Valley County.

Filed this 31st day of

December, A.D. 1963,
at 9:15 o'clock A.M.

Elzabeth M. Searsburg
County Recorder.

Herb K. Weston
Deputy.
Notice of Completion of Groundwater Appropriation
Without Well

(under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1909
Owner: L. E. Schramm. Address: Belmont.
Contractor (if any): Not Applicable.
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.

open pond

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

Year Around

Signature of Owner: L. E. Schramm
Date: Dec. 30, 1963

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
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Date of Appropriation of Groundwater: 1942

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.

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 Montana Bureau of Mines and Geology and quadruplicate for the Appropriator.
State of Montana, ss.

Golden Valley County, ss.

Filed this 24th day of December, A.D. 1960, at 9:35 o'clock, A.M.

Elizabeth M. Larpent
County Recorder

Vera L. Morton

For 2nd gel
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: 
Driller: 
Date of Notice of Appropriation of Groundwater: 
Date well started: 
Date Completed: 
Type of Well: 
Equipment Used: 
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 Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>Prest (Feet)</th>
<th>Te (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: 
Shut-in Pressure for Flowing Well: 
Pumping Water Level: ___ feet at ___ gal. per minute. 
Discharge in gal. per min. of flowing well: ___ gal. per minute. 
How Tested: __________ Length of Test: ___ hours.

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of measurement 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: 
Driller’s Well Drilling Service:

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.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 23, Montana Session Laws, 1961)

Owner: 
Address:

Driller: 
Address:

Date of Notice of Appropriation of Groundwater

Date well started

Date Completed

Type of well: Drilled
Equipment Used: Cased tool
(dig, driven, bored or
drilled)

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

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

<table>
<thead>
<tr>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
</tr>
</thead>
<tbody>
<tr>
<td>4 1/2 in. 5 in.</td>
<td>20 ft.</td>
<td>1</td>
<td>14</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 3 1/2 feet.
Shut-in Pressure for Flowing Well

Pumping Water Level: 3 1/2 feet at 3 1/2 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: Basin
Length of Test: 2 hrs.

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.