# GROUNDWATER INDEX

**County**: Golden Valley  
**Twp.**: 7 N  
**Rge.**: 20E

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<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
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<td>Great Northern Railway Company</td>
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<td>Thomas O.E.</td>
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<td>Sterling, Stella</td>
<td>GU2</td>
<td>57992</td>
<td>Our Guess</td>
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</table>
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. **Firehammers Inc.** (Name of Appropriator) of **Ryegate** (Address) (Town)
   
   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: **Stock Water**

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

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: **no**

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

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: **200 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: **250 feet**

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 The estimated amount of groundwater withdrawn each year: **100,000 gallons**

11. The log of formations encountered in the drilling of each well if available: **none**

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: **none**

---

Signature of Owner: **Firehammers Inc.**

Date: **March 28, 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 this 27th day of April, A.D. 1947 at 11:40 o'clock P.M.

Elizabeth M. Bean
County Recorder

Charles H. Pot
Deputy

52650
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]
Date Completed: [Date]

Type of well: [Type]
Equipment Used: [Equipment]

(dug, driven, bored or (Churn, drill, rotary or other)

Water Use: Domestic [ ] Municipal [ ] Stock [ ] Irrigation [ ]

Industrial [ ] Drainage [ ] Other [ ]

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<table>
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<tr>
<th>Size of Drilled Hole</th>
<th>Size of Weight of Casing</th>
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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...gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: [Test Method]
Length of Test: [Length]

Remarks: (Gravel packing, cementing, packers, type of shutoff, injection 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: [Number]
Driller's Signature: [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.

Filed this ______ day of
A. D. 1964,
at 2:00 p.m., 8th and 9th blocks, 8th St.

Elizabeth M. Trumbly
County Recorder.

John S. Martin
Deputy.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 19 March 1963

Owner: Firehammer Inc., Address: Ryegate, Montana

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. These are natural springs...and water flows out of the ground...into small ponds...

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.

There is enough water available to water...50 head of cattle in two locations.

Signature of Owner: Firehammer Inc.
Date April 21, 1962

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

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

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

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

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

Date of Appropriation of Groundwater: Nov. 2, 1942
Owner: Firehammer's Inc., Address: Rygata, Montana
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.

There is a natural spring and water flows out of the ground and into
a small pond.

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

200 head of cattle.

Signature of Owner: Firehammer's Inc., Date: April 21, 1962

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

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

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

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

Golden Valley County,

Filed this 31st day of April, A.D. 1902 at 11 o'clock A.M.

ELIZABETH M. STANLEY
County Recorder.
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 327, Montana Session Laws, 1961)

Owner: Joe Poirier
Address: Riegels, Montana

Date of Notice of Appropriation of Groundwater

Date well started: June 24, 1962

Type of well: Drilled

Equipment Used: Chisel tool

Water Use: Domestic

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

Static Water Level for non-flowing well: 200 feet.

Shut-in Pressure for Flowing Well: 15 psi.

Pumping Water Level: 90 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well: 75 gal.

How Tested: Static

Length of Test: 30 days

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.

Driller's License Number: 3116

Driller's Signature: Joe Poirier

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________ day of 
May________ A.D. 1962
at________ o'clock________ M.

ELIZABETH M. GAGNON

Charles K. Bell

Dec. 20, 1962
WATER WELL LOG

Owner: Stille Sterling
Address: Butte, Mont.

Drilled: Henry McComb
Address: Conner

Date Started: Aug. 3, 1958
Date Completed: Aug. 5, 1958

Location: Sec. 8, T. 7 N., R. 20 W., 34 sec. 14

Type of well: Drilled

Equipment used: (Churn drill, rotary, other)

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

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

Perforated or Screened: Ft. 5-5 to Ft. 45 to Ft. 70 Ft. deep

Type of screen or perforations: 6" 80 Fage.

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. 15

How tested: Bailer

Length of test: 

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

(over) over
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<tr>
<th>Depth, feet</th>
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<td>shale</td>
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<tr>
<td>26'</td>
<td>sand</td>
</tr>
<tr>
<td>60'</td>
<td>sand and water</td>
</tr>
<tr>
<td>70'</td>
<td>shale</td>
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</table>
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Great Northern Railway Company, of 175 E. 4th St., St. Paul, Minnesota
   (Name of Appropriator)
   (Address)
   County of Golden Valley  State of Montana
   Live 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: Railroad purposes

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May 26, 1956

   4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 3.0 gpm

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

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

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: May 7, 1956 - May 26, 1956

   8. The depth of water table: Static level = 18'

   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: Ro drilled well = 95' deep - casing to 93' 6'

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

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

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

   GREAT NORTHERN RAILWAY COMPANY
   Superintendent or the Butte Division
   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.

215
FRANKLIN, MONT. - AfE.

Well put down by Ry. Co. force and machine
C.M. Wick, driller

Drilling began May 7th and finished May 26, 1956
Water stood at 18 ft. below surface and pumped down to 90 ft. delivering 3 G.P.M.

Note: Gravel packed screen

Engr. Water Service 1D-1200-308
State of Montana, Golden Valley County, ss.

Filed this __________ day of December, A.D. 1962, at __________ o'clock A.M.

Elizabeth M. Rosebery
County Recorder.

Charles K. Clark
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. L.A. Thomas
   (Name of Appropriator)
   of
   (Address)
   (Town)
   County of Wheatland (wells in G.V. City, 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:
      Both wells—stock watering

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been:
      Sec. 17 well 1950
      Sec. 18 well 1953
      Both wells—fairly continuous use since their respective dates

   4. The amount of groundwater claimed (in miner's inches or gallons per minute):
      Sec. 17 well 75 gpm
      Sec. 18 well 50 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:
      No irrigation

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
      Sec. 17 natural flow
      Sec. 18 hand 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:
      Sec. 18 well about 20 feet; Sec. 17 well about 100 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:
      Sec. 18 well 5-inch casing and 20 feet deep; Sec. 17 well 5-inch casing and about 100 feet deep.

   10. The estimated amount of groundwater withdrawn each year:
       Not available

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

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

       Signature of Owner: L.A. Thomas
       Date: December 31, 1963

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

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

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

State of Montana
Administrator of Groundwater Code
Office of State Engineer

Declaration of Vested Groundwater Rights

1. Stella Sterling
   Address (Name of Appropriate)
   of Poplar
   (Address)
   County of Richland
   County of State of Montana

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

   2. The beneficial use on which the claim is based

   3. Date 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 acres 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 size, and depth of each well or the general specifications of any other works for the withdrawal of groundwater

   10. The estimated amount of groundwater withdrawn each year

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

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

   Signature of Owner

   Date

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

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

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

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

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

Owner: Stella Sterling
Address: Roundup, Montana

Date well started: 4-7-73
Date well completed: 4-12-73

Type of well: Drilled
Equipment used: Rotary

Water Use: Domestic, Municipal, Stock, Irrigation

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole
Size and Depth of Cutting
Perfs (Feet)
To (Feet)

PERFORATIONS

Kind
Size
From (Feet)
To (Feet)

Static water level...80 ft.
Pumping water level...275 ft.
at .................gallons per minute, measured ...............minutes after pumping began.

*Measured from ground level.

Well developed by ............... hours.

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

Top of Ground (Elev. above sea level)

Surface soil
Gravel
Sandstone
Clay
Coal & shale
Dirty coal

Well tested at 280 ft. no water

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

Driller's Signature: 
Driller's Address: Klein Star Rts., Roundup, Montana 59072

LICENSE NO. 207

Show exact depth of bottom
State of Montana,
Golden Valley County

Filed this_______ day of
June A.D. 1923
at __________ A.M.

T. R. Martin
County Recorder

Deputy
# DRILLER'S LOG

## NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

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

---

**Owner:** Stella Sterling

**Address:** Bygate, Mont.

**Date well started:** October 22, 1970

**Date well completed:** Oct. 26, 1970

**Type of well:** drilled

**Equipment used:** rotary

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

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

---

## ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Site of Drilled Hole</th>
<th>Size of Casing</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Perforations</th>
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<td>Plastic</td>
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<td>80</td>
<td>drilled 7/16</td>
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**Static water level:** 41 ft.*

**Pumping water level:** 45 ft.*

at 15 gallons per minute, measured ... minutes after pumping began.

*Measured from ground level.

**Well developed by:** balling

for 25 hours.

**Power:** Pump

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

---

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

Each small square represents 40 acres.

**Driller's Signature:**

**Driller's Address:** Klein Star St. E, R. 20, Sec. 25

**Roundup, Mont.**

**License No.:** 207

---

**Show exact depth of bottom:** 80
State of Montana, Golden Valley County, } ss.
Filed this 11th day of
Nov., A. D. 1920, at 9:30 A.M.
Thodore R. Wagner
Circuit Recorder.

Jesse L. Martin
Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962
(Under Chapter 237 Montana Session Laws, 1961, as amended)

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

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

Owner _____________________________ For Administrator's Use
Name _____________________________
Address _____________________________ File 5782
________________________
Date well started ____________________________
Oct. 29, 1970

Date well completed ____________________________
Nov. 9, 1970

Type of well Drilled ___________

Equipment used ___________

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

Describe _____________________________

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

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<th>SWG 2</th>
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<td>250</td>
</tr>
</tbody>
</table>

Driller's LOG

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

- Show exact depth of bottom

Driller's Signature _____________________________
Driller's Address _____________________________
Roundup, Mont. LICENSE NO. 207

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

\[\text{INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.}\]

Driller's Signature _____________________________
Driller's Address _____________________________
Roundup, Mont.

- Show exact depth of bottom

4/7772
<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>3,4</td>
<td>BALGARD, O.P.</td>
<td>G.W.3</td>
<td>53703</td>
<td></td>
</tr>
<tr>
<td>9</td>
<td>GARFIELD, PRO.C.</td>
<td>G.W.4</td>
<td>53727</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>BALGARD O.P.</td>
<td>G.W.2</td>
<td>55407</td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>BALGARD OSCAR</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>12</td>
<td>BALGARD O.P.</td>
<td>G.W.4</td>
<td>59704</td>
<td></td>
</tr>
</tbody>
</table>
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: [fill in]
Owner: [fill in]
Address: [fill in]
Contractor (if any): [fill in]
Address of Contractor: [fill in]
Date Started: [fill in]
Date Completed: [fill in]
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

[space for description]

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.

[space for description]

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

Signature of Owner: [signature]
Date: [Dec 27, 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 wells are located.

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.
Miller Ora is buying this place from O. F. Belgard. No papers as yet. 
Signature of Mr. Belgard will be done, acceptable.

ELIZABETH M. TIMMERG
COUNTY CLERK & RECORDER
GOLDEN VALLEY COUNTY
RYEGATE, MONTANA
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

(Owner or Appraiser)

County of: 
State of: 

Date: January 1, 1962

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

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

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

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

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

7. The depth of water table: 

8. The depth of each well or the general specifications of any other works for the withdrawal of groundwater: 

9. The log of formations encountered in the drilling of each well: 

10. The estimated amount of groundwater withdrawn each year: 

11. 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, mark blank; otherwise the form will be returned.

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appraiser.
State of New Mexico
Golden Valley County
Filed this ______ day of December A.D. 19__
at __:__ P.M.

Elizabeth M. Trueslay
County Recorder

Oscar C. Martinez
Deputy
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well
APPROVED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961)

Owner: C. P. BALSARD  Address: LAYNA, MONT

Driller: J. K. KOMOL  Address: ROUND UP, MONT

Date of Notice of appropriation of groundwater: NONE

Date well started: 9-5-65  Date completed: 9-9-65

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

Water use:  Domestic  Municipal  Stock  Irrigation

Industrial  Drainage  Other

Indicates 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</th>
<th>Site and</th>
<th>From</th>
<th>To</th>
</tr>
</thead>
<tbody>
<tr>
<td>Drilled Hole</td>
<td>Weight of Casting</td>
<td>Feet</td>
<td>Feet</td>
</tr>
<tr>
<td>7&quot;</td>
<td>40 GAUGE GALV.</td>
<td>0</td>
<td>71</td>
</tr>
</tbody>
</table>

PERFORATIONS

Static Water Level for non-flowing well
Pressure for Flowing Well
Flowing Water Level: 55 feet
Depth in gal. per min. of flowing well

Flow Tested
Length of Test: 2 HR
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

<table>
<thead>
<tr>
<th>Static Water Level for non-flowing well</th>
<th>Pressure for Flowing Well</th>
<th>Flowing Water Level</th>
<th>Depth in gal. per min. of flowing well</th>
</tr>
</thead>
<tbody>
<tr>
<td>55 feet</td>
<td>25 gal. per minute</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

(Continue 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).

---

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.

Driller's License Number: 95
Driller's Signature: 40839
State of Montana,
Golden Valley County,
Filed the 11th day of February, A.D. 1966
at 2:48 o'clock P.M.
Cody Recorder,
County.
WATER WELL LOG

<table>
<thead>
<tr>
<th>Owner</th>
<th>Address</th>
<th>Butte, Montana</th>
</tr>
</thead>
<tbody>
<tr>
<td>Driller</td>
<td>Address</td>
<td></td>
</tr>
</tbody>
</table>

Date Started: June 18, 1961  Date Completed: June 30, 1961

Location: Sec. 12 T. 7 R. 21 4 sec. W.

Type of well: (Dug, driven, cased, or drilled) Driller: (Churn, drill, rotary, other)

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

Casing: 1 ft. to 5 ft. Type  Size
Casing: 5 ft. to ft. Type  Size
Casing: ft. to ft. Type  Size

Perforated or Screened: Ft. 40 to ft. 50. Ft. ___ to ft.

Type of screen or perforations: (ate)

Static Water level, for non-flowing well: 35 feet.

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

Pumping water level: 40 feet at 460 gal. per min.

How tested: (ate)

Length of test: 30 ft. (ate)

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

(over)
### Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>From 0 To 3</td>
<td>Judith Field Formation</td>
</tr>
<tr>
<td>3 To 20</td>
<td>Light Clay</td>
</tr>
<tr>
<td>20 To 44</td>
<td>Sandy Shale</td>
</tr>
<tr>
<td>44 To 50</td>
<td>Hard Sandstone</td>
</tr>
<tr>
<td>50 To 51</td>
<td>Brennan Sandstone, 4204091</td>
</tr>
<tr>
<td></td>
<td>Blue Shale</td>
</tr>
</tbody>
</table>
## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

- **Name of Appropriate**: O. P. Balgard
- **Address**: [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:

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

- **Live Stock Water**

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

- **Jan 30, 1961**

### 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

<table>
<thead>
<tr>
<th>Acreage</th>
<th>Description</th>
<th>Owner</th>
</tr>
</thead>
<tbody>
<tr>
<td>25</td>
<td>[Details]</td>
<td>[Owner]</td>
</tr>
</tbody>
</table>

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

- **Well**

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

- **Jan 28, 1961 - May 10, 1961**

### 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

<table>
<thead>
<tr>
<th>Type</th>
<th>Size</th>
<th>Depth</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Drilled Well]</td>
<td>[Details]</td>
<td>[Details]</td>
</tr>
</tbody>
</table>

### 10. The estimated amount of groundwater withdrawn each year

- **62,000 gal.**

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

- **[Formation Logs]**

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

- [Additional Information]

---

**Signature of Owner**: O. P. Balgard  
**Date**: Dec 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.
State of Wyoming,
Golden Valley County, U.S.

Filed this 33 day of
October A.D. 1962
at 2:00 o’clock P.M.

Elizobeth M. Keating
County Recorder

VNoise & Martino
Deputy
<table>
<thead>
<tr>
<th>Sec.</th>
<th>Name of Appropriator</th>
<th>Type of Form</th>
<th>County File No.</th>
<th>Remarks</th>
</tr>
</thead>
<tbody>
<tr>
<td>5</td>
<td>Dinko Farm Co.</td>
<td>GU4</td>
<td>53649</td>
<td></td>
</tr>
<tr>
<td>14</td>
<td>Jenson, Jr. Wmc.</td>
<td>GU4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>18</td>
<td>&quot;</td>
<td>GU4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>19</td>
<td>&quot;</td>
<td>GU4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>22</td>
<td>&quot;</td>
<td>GU4</td>
<td></td>
<td></td>
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<tr>
<td>23</td>
<td>&quot;</td>
<td>GU4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>25</td>
<td>Hanson, Ronald</td>
<td>GU4</td>
<td>53642</td>
<td></td>
</tr>
<tr>
<td>26</td>
<td>Horstland, Inc.</td>
<td>GU4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>27</td>
<td>Jenson, Jr. Wmc.</td>
<td>GU4</td>
<td></td>
<td></td>
</tr>
<tr>
<td>28</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

Dick Load A
(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:

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. 1949 continuous

4. The amount of groundwater claimed (in inches or gallons per minute). 1949 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. None

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. Summer 1949

8. The depth of water table. 130 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 well 130 ft deep

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

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

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

Signature of Owner. Robert Dick
Date. Dec 16 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 Wyoming,

Golden Valley County.

Filed this 13 day of December A.D. 1952.
at 4:50 o'clock P.M.

Elizabeth H. Lanning
County Recorder.

Deputy.
DECLARATION OF VESTED GROUNDWATER RIGHTS

STATE ENGINEER

(91 Chapter 237, Montana Session Laws, 1961)

1. J. O. Jensen, Inc. (Name of Appropriator) of Lavaux (Address) (Town)
   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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1955 and continuously thereafter.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gallons per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Windmill and pump. Located in the SW corner of the SW corner of Section 11, Township 7 North, Range 22 East, M.P.M.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced and completed in 1955.

8. The depth of water table 130

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 1301. of 6" steel casing discharging into pipe and thence into stock tank.

10. The estimated amount of groundwater withdrawn each year 300,000 gallons

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

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

By: Signature of Owner J. O. Jensen, Inc.

Date January 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 School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

J. C. Jensen, Inc. of Latacunga (Name of Appropriator)
County of Golden Valley State of Montana

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 stockwater...

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1900 and continuously thereafter...

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 not applicable...

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 commenced and completed 1900...

8. The depth of water...

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 200,000 gallons

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

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

J. C. Jensen, Inc.
By: Signature of Owner

Date: January 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 School of Mines and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

J. C. Jensen, Inc., of Lavina, (Name of Appropriator)
County of Golden Valley, State of Montana (Address) (Town)

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

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

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

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

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

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

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

8. The depth of water table...

9. So far as may be available, the type, size, and depth of each well or other means of withdrawal...

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...

By: Signature of Owner...

Date: January 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 School of Mines and quadruplicate for the Appropriator.
J. C. Jansen, Inc., of Lewistown, 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...

3. Date or approximate date of first beneficial use: January 1, 1962, and continuously thereafter...

4. The amount of groundwater claimed (in inches or gallons per minute): 3 gallons per minute...

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: engine and pump, located in SW corner of Section 22, Township 7 North, Range 22 East, M.P.M.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: commenced and completed in May, 1962...

8. The depth of water table: approximately 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 of 60 casing and 6 of 60 casing size, charging into pipe and then into a stock tank...

10. The estimated amount of groundwater withdrawn each year: 300,000 gallons...

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

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

J. C. Jansen, Inc.

Signature of owner: J. C. Jansen, President

Date: January 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 School of Mines and quadruplicate for the Appropriator.
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

1. J. C. Jensen, Inc. of Lavina
   (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, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...1930 and continuously thereafter...

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...gas engine and pump...Located in the SE | SW of Section 23...
   Township 7 North, Range 22 East, M.N.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...Commenced and completed 1930.

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...Well and spring...10 x 20...Deepest water piped into stock tank...

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

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

   J. C. Jensen, Inc.
   Signature of Owner
   President
   Date January 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 School of Mines and Quadruplicate for the Appropriator.
Form No. 18
8-60

County: Haden Valley

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

STATE ENGINEER

Owner: Ronald Hansen
Address: Douglass Mine
Date Started: Aug. 26, 1961
Date Completed: Sept. 4, 1961
Location: Sec. 25 T. 7 R. 23 S. 1

Type of well: 
Equipment used: 

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

Casing: 1 ft. to 15 ft. Type [ ] Size [ ]
Casing: 15 ft. to 1 ft. Type [ ] Size [ ]
Casing: ft. to ft. Type [ ] Size [ ]


Type of screen or perforations: 

Static Water level, for non-flowing well: feet.
Shut-in pressure, for flowing well: lb./sq. in. on: 

Pumping water level at feet at gal. per min.

How tested: 
Length of test: 

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

(over)
## Log of Well

<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
<tr>
<td>0 - 20</td>
<td>Judith Formation</td>
</tr>
<tr>
<td>20 - 41</td>
<td>Hard Sandstone</td>
</tr>
<tr>
<td>41 - 74</td>
<td>(coal)</td>
</tr>
<tr>
<td>74 - 112</td>
<td>Hard Sandstone</td>
</tr>
<tr>
<td>112 - 115</td>
<td>(coal)</td>
</tr>
<tr>
<td>115 - 130</td>
<td>Sandy Chalk (form)</td>
</tr>
<tr>
<td>130 - 147</td>
<td>Hard Sand</td>
</tr>
<tr>
<td>147 - 151</td>
<td>(coal with liptite)</td>
</tr>
<tr>
<td>151 - 154</td>
<td>(hard, blue shale)</td>
</tr>
<tr>
<td>154 - 156</td>
<td>(coal, liptite)</td>
</tr>
<tr>
<td>156 - 157</td>
<td>(coal)</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)

STATE ENGINEER

<table>
<thead>
<tr>
<th>Abs. No.</th>
<th>Name of Appropriator</th>
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<tbody>
<tr>
<td></td>
<td>Lavina</td>
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<tr>
<td>County of</td>
<td>Golden Valley</td>
</tr>
<tr>
<td>State of</td>
<td>Montana</td>
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</tbody>
</table>

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

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

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

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: Pump

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

8. The depth of water table: 20 feet

9. So far as it may be available, the type, size and number of each well and the general specifications of any other works for the withdrawal of groundwater: Well 30 feet deep, Cased to bottom, 6-inch casing, 1 1/4 pipe, used to withdraw water by pump and windmill

10. The estimated amount of groundwater withdrawn each year: 300,000 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

Signature of Owner

Date: December 10, 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,
Golden Valley County.

Filed this 22nd day of December, A.D. 1962.
at 10:15 o'clock A.M.

Elizabeth M. Loomis
County Recorder.

Grace E. Martin
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

J. C. Jansen, Inc., of Levina
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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been - 1920 and continuously thereafter

4. The amount of groundwater claimed (in miner’s inches or gallons per minute) - 1 gallon per minute

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

6. The means of withdrawing such water: on the ground and the location of each well or other means of withdrawal - gas engine and pump located in the S.E.Q.M. of Section 27, Township 7 North, Range 22 East, M.P.M.

7. The date of commencement and completion of the construction of the well, walls, or other works for withdrawal of groundwater - commenced and completed in 1920

8. The depth of water table - 51

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 and spring, 10’ x 20’ box, 5’ deep

10. The estimated amount of groundwater withdrawn each year - 200,000 gallons

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

J. C. Jansen, Inc.

By: Signature of Owner: J. C. Jansen
Date: January 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 School of Mines and quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

J. C. Jensen, Inc.

of

Lavina

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 and sub-irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...1900 and continuously thereafter.

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...irrigates NE^ 4 of Section 28, Township 7 North, Range 22 East. Owned by appropriator.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...Piped into tank from spring. Located in SE corner of the...NE^ 4 of Section 28, Township 7 N., Range 22 E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...Commenced and completed in 1900.

8. The depth of water table...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...spring discharging into pipe and thence into stock tank and across lands to be irrigated.

10. The estimated amount of groundwater withdrawn each year...600,000 gallons.

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

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

J. C. Jensen, Inc.

By: Signature of Owner:...Jefferson

Date: January 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 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>
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<tr>
<td>20</td>
<td>Anderson, Florence</td>
<td>GW4</td>
<td>53767</td>
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<tr>
<td>21</td>
<td>Anderson, Harold</td>
<td>GW4</td>
<td>53733</td>
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<td>29</td>
<td>&quot;</td>
<td>GW4</td>
<td>53732</td>
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<td>32</td>
<td>Managle, John</td>
<td>GW3</td>
<td>53219</td>
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<td>32</td>
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</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)

1. Florence Anderson
   (Name of Appropriator)
   of (Address)
   (Town)
   in the State of Montana

I, Florence Anderson, do hereby declare that I have appropriated groundwater according to the Montana laws in effect prior to January 1, 1964, as follows:

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1953.

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 in which water has been applied and name of the owner thereof: None.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Windmill 1953, Pump 1958.

8. The depth of water table: 20 ft. to water.

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: Bin depth 90 ft. deep.

10. The estimated amount of groundwater withdrawn each year: No estimate.

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

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: Florence Anderson
Date: Dec 27, 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,

Gallatin Valley County,

Filed __________________ day of __________________ A.D. 1963
at 9:15 a.m., o'clock A.M.

Elizabeth M. Jonesburg
County Recorder.

Vera E. 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)

Herald Anderson
(Name of Appropriator)
of
(Address)
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: Stock Water and Household use.

3. Date or approximate date of earliest beneficial use and how continuous the use has been: 1915 - 1961. Equity use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): All produce 10-15 gallons per minute. All are very good wells.

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: 1-1915 - 1-1945.

8. The depth of water table: 56 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: Not Known.

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: Herald Anderson
Date: Dec. 3 - 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.
State of Montana, 1885.
Golden Valley County, 1
Filed this 27th day of
Date A.D. 1903
at 2:30 o'clock P.M.
Elizabeth McIvor
Clerk-Recorder
Vera L. 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. Harold Anderson, of Laramie, have appropriated groundwater according to the Montana laws as of Dec. 30, 1963, 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: Spring of 1957.

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

5. If used for irrigation, give the acreage and description of the 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(s):

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: Harold Anderson
Date: Dec. 27, 1963

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

Original to the County Clerk and Recorder. Duplicate to the State Engineer; TriPLICATE to the Montana Bureau of Mines and Geology, and Quadruplicate to the Appraiser.
File No. 945

53732

C. H. W. County Recorder

W. E. Martin

Deputy.

James County, SS.

Filed the 31st day of

June A. D. 1963

at 3:30 o'clock P.M.

Elizabeth M. Lathrop

County Recorder.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: The Fall of 1940
Owner: John Monsig
Address: Lavina, Montana
Contractor (if any): none
Address of Contractor: was there when applied for.

Date Started: [Insert date]
Rented: [Insert date]
Completed: [Insert date]

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

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.

150.00 gallons per year. Spring is used 12 months a year most of the time. Occasionally cattle are not there during the winter months. Keep 50 head of cattle there during the summer and an average of about 15 head during the winter. Cattle will consume 20 barrels day during summer for 6 months and about 6 barrels during winter.

Signature of Owner: John Monsig
Date: March 19, 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 School of Mines and Quadruplicate for the Appropriator.
State of Montana
Golden, Valley County,
Filed the 19th day of August, A.D. 1962

Elizabeth H. Strother
County Recorder

Deputy.