# Groundwater Index

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<td>Pettie, W. K.</td>
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DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

FILE NO. B-978

STATE OF MONTANA, COUNTY OF WHEATLAND, have appropriated groundwater according to the Montana Laws in effect prior to January 1, 1962, as follows:

1. (NAME OF APPROPRIATOR) OF Shoup, Montana, County of Wheatland, State of Montana, have appropriated groundwater according to the Montana Laws in effect prior to January 1, 1962, as follows:

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

3. Date or approximate date of earliest beneficial use: January 1, 1962. (a) Used steadily

4. The amount of groundwater claimed: (in inches or gallons per minute)
   Four gallons per minute and any increase.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
   sec. 7, t. 5 s. 30

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
   Drilled; Six inch casing 133 feet deep.

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

8. Depth of water table: Alt. 173 ft. to 60 ft. from surface.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   Drilled; Six inch casing 133 feet deep.

10. The estimated amount of groundwater withdrawn each year:
    Four gallon per minute.

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 page of county records and book number:

   STATE OF MONTANA )
   ) ss.
   COUNTY OF WHEATLAND

HAVING FIRST BEEN DULY SWORN, DECLARETH

SUBSCRIBED AND SWORN TO BEFORE ME, THIS DAY OF 19

NOTARY PUBLIC FOR THE STATE OF MONTANA
RESIDING AT
My commission expires

(FILE THREE COPIES OF THIS REPORT WITH THE COUNTY CLERK AND RECORDER; RETAIN THE 4TH COPY FOR YOUR FILES.)
State of Montana,

Golden Valley County, S.D.

Filed this 26th day of December, A.D. 1963, at 2:22 o'clock, P.M.

Elizabeth M. Isambry
County Recorder

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

1. Eugene N. Trapp
   (Name of Appropior)  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:

   1. The beneficial use on which the claim is based:
      All for stock watering

   2. Date or approximate date of earliest beneficial use; and how continuous the use has been:
      Sec. 2 well summer 1916
      Sec. 11 well summer 1950

   3. The amount of groundwater withdrawn (in cubic feet or gallons per minute):
      Sec. 2 well 15 gpm
      Sec. 11 well 6 gpm
      Sec. 11 spring 5 gpm

   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:
      not applicable

   5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:
      Wells - Sec. 2 electric pump; Sec. 11 windmill; spring - natural flow

   6. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater:
      Both wells constructed immediately prior to first beneficial

   7. The depth of water table:
      Sec. 2 well 160 feet; Sec. 11 180 feet; spring not available

   8. 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:
      Wells - rock casing
      Springs - earth dam

   9. The estimated amount of groundwater withdrawn each year:
      Sec. 2 well 15,000 gals.; Sec. 11 well 5,000 gals.; spring 10,000 gals.

   10. 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: 1-20-63

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

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

Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropior.
State of Montana,
Golfen Valley County,
Filed this 26th day of
December A. D. 1903,
affixed hereunto,Filed,
Elizabeth M. Satterly
County Recorder,
Hiram C. Martin
Dana.
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
JAN 6 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

1. John Kenny, of Helena, 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:
   (Please specify)

3. Date or approximate date of earliest beneficial use and how continuous the use has been:
   Aug 10, 1961

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

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

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

7. The means of withdrawing such water from the ground and the location of each well or other mean of withdrawal:
   (Please specify)

8. Depth of water table:
   (Please specify)

9. The type, size and depth of each well or other works for the withdrawal of groundwater:
   (Please specify)

10. The estimated amount of groundwater withdrawn each year:
    (Please specify)

11. The use of formation encountered in the drilling of each well:
    (Please specify)

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

   Signature of owner:
   Date: 9-12-1964

   County of Wheatland

   Having first been duly sworn, do swear and say that I (we, are) the lawful and (is are) the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriator and claimant, that I know the contents of said foregoing notice and that the matters and things therein stated are true.

   Subscribed and sworn to before me, this ___ day of ___

   Notary Public for the State of Montana
   Residing at ___________________________
   My commission expires ___________________________

   (File three copies of this report with the county clerk and recorder, retain the 4th copy for your files.)
State of Montana,
Culbertson County,
Filed this ______ day of
Dec., 19__

[Signature]

[Signature]
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

Owner: C. M. Shang
Address:

Driller: Albert Rock
Address: Butte, Montana

Date Started: Jan 17
Date Completed: Jan 31

Location: Sec. 11 T. 5 S. R. 16 W. 1/2

Type of well: Drilled
Equipment used: Cable Tool

Water use: Domestic [ ] Municipal [ ] Stock [X] Irrigation [ ]

Industrial [ ] Drainage [ ] Other: [ ]

Casing: 1 ft. to 30 ft. Type: Standard Size: 6 in.

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

Perforated or Screened: Ft. to Ft. Ft. to Ft. Type of screen or perforations:

Static Water level, for non-flowing well: 100 feet.

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

Pumping water level: 150 feet at A gal. per min.

How tested: [ ]

Length of test: H hours

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>
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<tbody>
<tr>
<td>1-20</td>
<td>Brown Clay and Rock</td>
</tr>
<tr>
<td>20-120</td>
<td>Gray Rock</td>
</tr>
<tr>
<td>130-175</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>135-160</td>
<td>Gray Rock</td>
</tr>
<tr>
<td>160-165</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>165-175</td>
<td>Gray Rock</td>
</tr>
<tr>
<td>175-180</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>180-230</td>
<td>Gray Rock</td>
</tr>
<tr>
<td>205-230</td>
<td>Gray Shale</td>
</tr>
<tr>
<td>230-340</td>
<td>Gray Shale, Rock</td>
</tr>
<tr>
<td>340-360</td>
<td>Gray Shale</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)

Alfred Haase
(Name of Appropriator)

Barber
(Address)

Golden Valley
(Town)

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 Watering

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute).
   16'2/3 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.
   Not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
   Natural flow from spring from percolating waters

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

8. The depth of water table.
   Unknown

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
   Not applicable

10. The estimated amount of groundwater withdrawn each year.
    Varied amounts

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

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

Signature of Owner: 
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.
DECLARATION OF VESTED GROUNDWATER RIGHTS

Under Chapter 237, Montana Session Laws, 1961

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

2. The beneficial use on which the claim is based: Domestic, Stock watering (NE 1/4). Stock watering (SW 1/4).

3. Date or approximate date of earliest beneficial use: NE 1/4—1951, SW 1/4—1953. Generally, continuous since first use.

4. The amount of groundwater claimed (in miner's inches or gallons per minute): NE 1/4—20 gpm, SW 1/4—4 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: No irrigation.

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

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

8. The depth of water table: NE 1/4—125 ft, SW 1/4—12 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications or any other works for the withdrawal of groundwater: 6 inch casing: NE 1/4—250 ft., SW 1/4—6 ft.

10. The estimated amount of groundwater withdrawn each year: NE 1/4—500,000 gals yr.

11. The log of formations encountered in the drilling of each well if available: SW 1/4—100,000 gals yr. 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: No information available at present time.

Signature of Owner: ____________________________
Date: Oct 7, 1963

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

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

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

Filed this ______ day of

October ______ A.D. 1962

at ________ Precinct

Elizabeth R. S. Loobery
County Recorder

Sharon A. Martin
Treasurer
DECLARATION OF VESTED GROUNDWATER RIGHTS
(UNDER CHAPTER 237, MONTANA SESSION LAWS, 1953)

1. Cornelia E. DeCook, of Rey 238, Harleton
(NAME OF APPROPRIATOR)

County of Wheatland, 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 inches or gallons per minute), corresponding

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

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 the completion of the construction of the well, wells, or other works for withdrawal of groundwater.

8. 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 page of county records and book number, state how much water the well produces.

STATE OF MONTANA ) ss.
COUNTY OF WHEATLAND)  

HAVING FIRST BEEN DULY SWORN, DEPOSES AND SAYS THAT HE (IS, ARE) OF LAWFUL AGE AND (IS, ARE) THE APPROPRIATOR AND CLAIMANT OF THE ORDER AND WATER RIGHT MENTIONED IN THE FOREGOING DECLARATION OF VESTED GROUNDWATER RIGHTS AND THE PERSON WHOSE NAME IS SUBSCRIBED BELOW, AS THE APPROPRIATOR AND CLAIMANT, THAT HE KNOWS THE CONTENTS OF SAID FOREGOING NOTICE AND THAT THE MATTERS AND THINGS THEREIN STATED ARE TRUE.

Kornelia E. DeCook.

SUBSCRIBED AND SWORN TO BEFORE ME, THIS DAY OF  , 19.

Notary Public for the State of Montana Residing at My Commission Expires

FILED FOR RECORD ON THE DAY OF  , 19 AT O'CLOCK M., AND RECORDED IN BOOK  , PAGES OF RECORDS OF WHEATLAND COUNTY, MONTANA.
State of Nebraska,

Golden Valley County,

Filed this 3d day of December, 1963,
at 6:30 o'clock P.M.,

Elizabeth McLeod
County Recorder.

[Signature]

[Stamp] 53824
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: Robert Bruner
Address: Ryleage, Montana
Date well started: Sept. 14, 1972
Completed: Sept. 19, 1972

Type of well: Drilled
Equipment used: Rotary
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).

ESTIMATED ANNUAL WITHDRAWAL

<table>
<thead>
<tr>
<th>Size of Casing (Feet)</th>
<th>Size and Weight of Casing</th>
<th>From</th>
<th>To</th>
<th>Perforations</th>
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<tr>
<td>6 3/4 5&quot; RD</td>
<td>0</td>
<td>180</td>
<td></td>
<td>180</td>
</tr>
</tbody>
</table>

Static water level: 60 feet
Pumping water level: 160 feet

At gallons per minute, measured minutes after pumping began.

*Measured from ground level

Well developed by ... for hours.
Power: Pump... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Each small square represents 40 acres.

Driller's Signature: 
Driller's Address: Klein Star Rte.

Show exact depth of bottom
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: Jan. 6, 1964
Owner: James C. Coleman
Address: Berber, Montana
Contractor (if any): None
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.

Signature of Owner: James C. Coleman
Date: Dec. 31, 1964

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 Appropriorator.
State of Montana,

Golden Valley County.

Filed this 31st day of

December A.D. 1963.

at 9:40 o'clock A.M.

Elizabeth M. Anderson
County Recorder.

Glen A. Martin
Deputy.
Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)

Owner: Paul U. Oladahl
Address: Choteau, Mont.

Driller: Joe Paris
Address: Choteau, Mont.

Date of Notice of Appropriation of Groundwater: Dec. 1965
Date well started: Dec. 2, 1965

Type of well: Drilled
Equipment Used: Drill tool (Churn, drill, rotary or drilled)

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

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

<table>
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<tr>
<th>Size of Drilling Hole</th>
<th>Size and Weight of Cutting of</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>PERFORATIONS</th>
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<td>700.0</td>
<td>0</td>
<td>10</td>
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</tr>
</tbody>
</table>

Static Water Level for non-flowing Well: 10 feet.
Shut-in Pressure for Flowing Well: 100 feet.
Pumping Water Level: 100 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well: 30 gal.

How Tested: [ ] Bailer [ ] Length of Test: [ ] days.

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

SW 4 Sec. 16 T. 5 R. 18

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

Show exact depth of bottom.

Driller’s License Number: 386
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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Floyd Lord
(Name of Appropriator)
of
(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. The beneficial use on which the claim is based:
   - House and yard

2. The approximate date of earliest beneficial use; and how continuous the use has been
   - Continuous since 1950

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

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

5. The estimated amount of groundwater withdrawn each year:
   - 50,000 gal

6. The type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater:
   - N/A

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

8. The depth of water table:
   - 65 ft

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

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

Signature of Owner:

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 School of Mines and Quadruplicate for the Appropriator.
State of Minnesota
In the County of

Filed this 27th day of
December A.D. 1923
at 2:00 o'clock P.M.

Elizabeth H. McClellan
County Recorder.
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

1. E. M. Adams, of Melville, Mont.

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: livestock WATER

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: Oct., 1949, Not used except during drought.

4. The amount of groundwater claimed (in miner’s inches or gallons per minute): 3 1/2 gals per minute.

5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof: 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: pump, 1 motor, SW 1/4 Sec. 29 T. 51 N. R. 17 E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Oct., 1949.

8. The depth of water table: 160 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: 2 1/4" pipe, 2" cylinder, 7" structure.

10. The estimated amount of groundwater withdrawn each year: None—except during drought.

11. The log of formations encountered in the drilling of each well if available: Well was drilled to 86 ft., was kept by Frank Buckner of Melville Town and a drop bucket of 1 1/2" iron pipe.

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: March 12, 1964

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

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

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

Filed this 12th day of March, A.D. 1944,
at 11:45 a.m. in the morning.

Elizabeth M. Leber
County Recorder.

Leo A. Masterson
Deputy.

fee 2.00
Notice of Completion of Groundwater Appropriation Without Well

(under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1967 04 25, AS RECORD SD.
Owner: W. O. Patte
Address: RYEGATE
Contractor (if any): UNKNOWN
Address of Contractor: UNKNOWN
Date Started: UNKNOWN
Date Completed: UNKNOWN

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

Springs: DEPTH TO WATER unknown
Source: UNKNOWN

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.

W. O. Patte

Signature of Owner
Date: 2 January 1967

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; tríplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.
State of Montana,
Golden Valley County,

Filed this ______________ day of ________________________________
A.D. 19__
at __________ o'clock P.M.

Elizabeth McFarland
County Recorder

______ 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. W. R. PATTE, of RYEGATE
   (Name of Appropriator) (Address) (Town)

   County of GOLDS 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. STEAM WATER

   3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Approximately 1572 until
   Continuous Use

   4. The amount of groundwater claimed (in miner's inches or gallons per minute). 1266 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
   Not Applicable

   6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Sand Pump
   mum. Pump Jack located

   7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Completed in approximately 1576

   8. The depth of water table. Unknown

   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. 8 inch. 128 feet. Depth 156

   10. The estimated amount of groundwater withdrawn each year. 160,000 to 10,000,000 GPM

   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 records. Not applicable

   Signature of Owner: W. R. PATTE

   Date: 2 January 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,

Goder: Allen Comato, Sr.,

File: 7,796,616, due of

Married: A.D. 1966,
at 4:15 p.m. P.M.

Elizabeth M. Spanley
County Recorder,

May 2, 1966,

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>
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<td>1</td>
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<td>GW3</td>
<td>53917</td>
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<td>2</td>
<td>Pickard</td>
<td>GW3</td>
<td>57106</td>
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<td>3</td>
<td>Nutter, Gust</td>
<td>GW3</td>
<td>53808</td>
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<td>4</td>
<td></td>
<td>GW3</td>
<td>53803</td>
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<td>GW4</td>
<td>53809</td>
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<td>Nelson, Wm. &amp; Eveline</td>
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<td>GW3</td>
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<td>Montana Power Co.</td>
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<tr>
<td>17</td>
<td>John, Eugene</td>
<td>GW2</td>
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<tr>
<td>18</td>
<td>Montana Power Co.</td>
<td>GW4</td>
<td>52609</td>
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<td>Schaff, Eugene</td>
<td>GW2</td>
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<td>20</td>
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<td>Schaff, Bert</td>
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<td>Williams, R.</td>
<td>GW2</td>
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<td>Schaff, Corporation</td>
<td>GW2</td>
<td>53908</td>
<td>Release Agreement</td>
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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: 1958

Owner: [Name]
Address: [Address]

Contractor (if any): [Name]
Address of Contractor: [Address]

Date Started: [Date]
Date Completed: [Date]

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Open 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. 5 Gal. per Min.

Used for watering livestock year around.

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

Signature of Owner: [Signature]
Date: [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,  } 88.
Golden Valley County,  }

Filed this 31st day of

November, A.D. 1942,
at 9 o'clock M.

Elizabeth M. Lankbury
County Recorder.

Harriett D. Mastin
Deputy.
MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Albert H. Hays
Address: Weimar, Montana

Driller: Albert H. Hays
Address: Weimar, Montana

Date Started: Oct 16
Date Completed: Oct 17

Location: Sec. 5, T. 54R., Butte, Montana

Type of well: Drilled
Equipment used: Cable Tool

Water use: Stock

Casing: 1 ft. to 9 ft. Type: Iron Size: 6 in.

Perforated or Screened: Ft. 10 to Ft. 15. Ft. 15 to Ft. 20.

Type of screen or perforations:

Static Water level, for non-flowing well: 150 feet.
Shut-in pressure, for flowing well: 10 lb./sq. in. on:

Pumping water level: 35 feet at 5 gal. per min. on:

How tested: Baliz
Length of test: 3 Hours

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

(over)
<table>
<thead>
<tr>
<th>Depth, feet</th>
<th>From</th>
<th>To</th>
<th>Description of Material Drilled</th>
</tr>
</thead>
<tbody>
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<td>5</td>
<td>Brown Clay and Rock</td>
<td></td>
</tr>
<tr>
<td>5</td>
<td>30</td>
<td>Brown Sand and Rock</td>
<td></td>
</tr>
<tr>
<td>20</td>
<td>45</td>
<td>Gray Sand and Rock</td>
<td></td>
</tr>
<tr>
<td>45</td>
<td>50</td>
<td>Gray shale</td>
<td></td>
</tr>
<tr>
<td>50</td>
<td>65</td>
<td>Gray Sand and Rock</td>
<td></td>
</tr>
<tr>
<td>65</td>
<td>85</td>
<td>Dark Gray shale</td>
<td></td>
</tr>
<tr>
<td>85</td>
<td>105</td>
<td>Light Gray Sand and Rock</td>
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<td>105</td>
<td>115</td>
<td>Dark Gray shale</td>
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<tr>
<td>115</td>
<td>125</td>
<td>Dark Gray Sand and Rock</td>
<td></td>
</tr>
<tr>
<td>125</td>
<td>130</td>
<td>Dark Gray shale</td>
<td></td>
</tr>
</tbody>
</table>
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Unknown
Owner: Gust Mittelsteed
Address: Rygade, Montana
Contractor (If any): self
Address of Contractor: same
Date Started: Unknown
Date Completed: Unknown

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. (a) X-flowing from rock formation into natural ponds.

(b) X-flowing from rock formation into natural 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. (a) X-flowing--

(b) X-flowing 20 gallons per minute through pipe; continuous use for livestock.

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

Signature of Owner: Gust Mittelsteed
Date: December 31, 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 the __ day of
October, 1963,
at 2:22 o'clock P.M.

Elizabeth M. Swoope
County Recorder.

[Signature]
Deputy.
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: Unknown
Owner: Gust Mittelstaedt  Address: Ryegate, Montana
Contractor (if any): self
Address of Contractor: same
Date Started: Unknown  Date Completed: Unknown
Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. (a)X flowing from rock
formation into natural 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... (a)X flowing
30 gallons per minute through pipe; continuous use
for livestock.

Signature of Owner: Gust Mittelstaedt
Date: December 11, 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 26th day of Dec., A.D. 1900,  
at 2:10 o'clock P.M.,  
Elizabeth M. Treacy,  
County Recorder  
Vera L. Martin  
Claimant
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Gust Mittelstaedt, of Ryegate, Montana
(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: watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: July 1939

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: July 1939

8. The depth of water table: 22 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: Cylinder type with hand-pump; 34 feet; 6-inch casing

10. The estimated amount of groundwater withdrawn each year: 36,507 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 available

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater . Sept. 15, 1910
William J. & Evelina Nelson
Owner: Address: Ryegate, Montana

Contractor (if any) none

Address of Contractor

Date Started . Sept. 15, 1910. Date Completed . Sept. 15, 1910

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. Pump it to house, and to cattle tanks. Runs through pasture all the way to the East line of Section 6, T. 5N., R. 19E., and beyond.

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. Use the water 12 months a year. Water 30 head of cattle the year around. At 10 gallons per day per head, water on cattle used should be about 109,500 gallons. We should use another 50,000 gallons for household and garden use. Total water used is 159,500 gallons.

Signature of Owner

Date June 21, 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 this day of

Duly licensed in the 2nd year of A.D. 1913.

R. J. Keen

Deputy

53379
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1961

Owner: W. R. PATTE
Address: RYEGATE, MONTANA

Contractor (if any): UNKNOWN
Address of Contractor: UNKNOWN

Date Started: UNKNOWN
Date Completed: UNKNOWN

Describe means of obtaining groundwater without a well "as by spring, artesian well, and other natural processes". Include depth to water when applicable. FREE FLOW FROM NATURAL SPRINGS. DEPTH TO SOURCE unknown.

Quantity of water developed and used with application on the following chart: used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use:

Continuous, 2-10 a.m. Continuous
2-12 a.m. 4-7 a.m. Continuous
2-10 a.m. Continuous as measured with
LAND DRAINAGE CONTINUOUS

Signature of Owner: ____________________________

Date: January 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 Arizona, ss.

Golden Valley County, ss.

Filed the __th day of [blank] A.D. 19[blank]
at [blank] o'clock in the morning.

[Signature of County Recorder]

[Signature of Clerk]
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: 31 Dec. 63
Owner: W. H. Brummet
Address: Pryers, MT

Signature of Owner: W. H. Brummet
Date: 31 Dec. 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 Arizona
Gila County, SS.

Filed this 31st day of December, A.D. 1963.
at 10:30 o'clock A.M.

Elizabeth M. Jacoby
County Recorder.

Sam L. Martin
Deputy.
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 1967
Owner: W. R. Patte
Address: Rye Gate, Montana
Contractor (if any): Unknown
Address of Contractor: Unknown
Date Started: Unknown
Date Completed: Unknown

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.

Signature of Owner: W. R. Patte
Date: 7 January 1968

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.
Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962
(Under Chapter 237, Montana Session Laws, 1961, as amended)

Owner: William Best
Address: Augusta, Mont.

Driller: Joe Perine
Address: (.Inc., Mont.

Date of Notice of appropriation of groundwater: June 24, 1971
Date well started: June 24, 1971
Date completed: June 29, 1971

Type of well: Drilled
Equipment used in drilling: (Churn drill, spigot, or other)

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

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

<table>
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<tr>
<th>Hole</th>
<th>Depth</th>
<th>Size of Drilled Hole</th>
<th>Size and Weight of Drill Bit</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Perforations</th>
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<td>6 1/2 D</td>
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<td>03</td>
<td>6 1/2 D</td>
<td>6 1/2 D</td>
<td>6 1/2 D</td>
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<td>6 1/2 D</td>
<td>6 1/2 D</td>
<td>6 1/2 D</td>
<td>7</td>
<td>6 1/2</td>
<td></td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well 3.2 feet.
Shut-in Pressure for Flowing Well 45 feet.
Pumping Water Level 10 feet at 15 gal. per minute.
Discharge in gal. per min. of flowing well 15.

How Tested: Static
Length of Test: 24 hours
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

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

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

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

Driller's License Number

Driller's Signature: 48807
Notice of Completion of Groundwater Appropriation by Means of Well

Developed After January 1, 1962

Owner: William Brown
Address: 123 Main St.

Driller: Joe Brown
Address: 456 Oak Ave.

Date of Notice of appropriation of groundwater: January 1, 1963
Date well started: January 2, 1963
Date completed: January 3, 1963

Type of well: Water well
Equipment used: Water pump

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, 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>Depth of Drilled Hole (Feet)</th>
<th>Min and Max Weight of Contents (Pounds)</th>
<th>From (Feet)</th>
<th>To (Feet)</th>
<th>Kind of Perforations</th>
</tr>
</thead>
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<td>620</td>
<td>0</td>
<td>12</td>
<td>Steel</td>
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<td>54</td>
<td>540</td>
<td>7</td>
<td>65</td>
<td>Copper</td>
</tr>
</tbody>
</table>

Static Water Level for non-flowing well: 55 ft
Shut-in Pressure for Flowing well: 10 psi
Pumping Water Level: 65 ft
Discharge in gal. per min of flowing well: 15 gal.

Remarks: Gravel packing, cementing, etc.

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

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, 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: 49230
Driller's Signature: Joe Brown
# Declaration of Vested Groundwater Rights

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

1. **Name of Appriopriator:** [Name]
2. **Address:** [Address]
3. **Town:** [Town]
4. **County:** [County]
5. **State:** [State]

### State of Montana

**Administrative Officer of Groundwater Code:** [Name]

**Office of State Engineer:** [Name]

**JAN 30 1964**

### Declaration of Vested Groundwater Rights

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:**
   - **N** (For Nixon and Stock Use)

3. **Date or approximate date of earliest beneficial use; and how continuous the use has been:**
   - Month, Day, Year

4. **The amount of groundwater claimed (in miner's inches or gallons per minute):**
   - [Gallons Per Minute (GPM)]

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:**
   - [Acreage]

6. **The means of withdrawing such water from the ground and the location of each well or other means of withdrawal:**
   - [Details of Withdrawal Method]

7. **The date of commencement and completion of the construction of the wells, wells, ditch, or other works for withdrawing groundwater:**
   - [Construction Dates]

8. **The depth of water table:**
   - [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 Specifications]

10. **The estimated amount of groundwater withdrawn each year:**
    - [Estimates]

11. **The log of formations encountered in the drilling of each well if available:**
    - [Well Logs]

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:**
    - [Additional Information]

**Signature of Owner:** [Signature]

**Date:** [Date]

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

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

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

Filed the __________ day of ____________, A.D. 19____.

Elizabeth M. Jordan  
County Recorder.

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

Date of Appropriation of Groundwater: 1957
Owner: W. R. Patten
Address: Kyratko, Montana
Contractor (if any): Unknown
Address of Contractor: Unknown
Date Started: Unknown
Date Completed: Unknown

Describe means of obtaining groundwater without a well as by sub-irrigation and other natural processes. Include depth to water when applicable. Free flow from natural spring, depth to source unknown.

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: 1 - 5 GPM continuous, 2 - 7 GPM continuous as measured with 1 and 5 gallon containers.

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

Signature of Owner: W. R. Patten
Date: 7 January 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,

To the County Court of

Issued this

A.D. 1964

By,

Thomson, County Recorder.

[Signature]
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

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

W. R. PATTE
(Name of Appropriator)

GOLDEN VALLEY
(County)

MONTANA
(State)

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: SPECIFIC WATER

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: APPROXIMATELY 1930 WITH INTERMITTENT USE

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

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

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

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

8. The depth of water table: UNKOWN

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, 5" CATCLIN DEPTH

10. The estimated amount of groundwater withdrawn each year: 8000 TO 10000

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 records: ALL WATER RIGHTS AS ARE MENTIONED IN VESTED IN DEEDS OR TITLES AS MAY OR MAY NOT BE RECORDED, EXPIRED OR IMPLIED

Signature of Owner: W. R. PATTE

Date: 2 January 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; Duplicate to the Bureau of Mines and Geology; and Quadruplicate for the Appropriate.
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: [DATE]
Owner: W. R. PATTE
Address: RYEGATE, MONTANA
Contractor (if any): UNKNOWN
Address of Contractor: UNKNOWN
Date Started: UNKNOWN
Date Completed: UNKNOWN

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

SPRINGS: DEPTH TO SOURCE: UNKNOWN

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

- 1-5 GPM CONTINUOUS
- 6-10 GPM CONTINUOUS
- 11-15 GPM CONTINUOUS
- 16-20 GPM CONTINUOUS
- 21-40 GPM CONTINUOUS
- 41-60 GPM CONTINUOUS
- 61-80 GPM CONTINUOUS
- 81-100 GPM CONTINUOUS
- 101-150 GPM CONTINUOUS
- 151-200 GPM CONTINUOUS

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

Signature of Owner: W. R. PATTE
Date: 7 January 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
Without Well
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: 31 Dec 63
Owner: W. A. Bruner
Address: Lyons, Montana
Contractor (if any): ____________________________
Address of Contractor: ____________________________
Date Started: ____________________ Date Completed: ____________________

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

Spring
____________

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:________________________

Livestock
Estimate - 15 gal. Min
Continuance

Signature of Owner: W. A. Bruner
Date: 31 Dec 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.