

Form No. 18
8-60

T. 2N. R. 4OE.

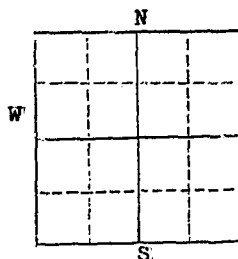
County Rosebud

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
DEC 29 1961

WATER WELL LOG

STATE ENGINEER



Owner Mrs. Lena F. MacDonald Address Forsyth, Montana

Driller L. W. Edlund Address Miles City, Montana

Date Started _____ Date Completed 9/10/47

Location: Sec. 24 T. 2N. R. 4OE. $\frac{1}{4}$ sec. SW

Type of well Drilled Equipment used Rotary drill
(Dig, driven, bored, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other _____

Casing: 61 ft. to _____ ft. Type _____ Size 4"

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

Casing: _____ 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: _____ feet.

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

Pumping water level 60 feet at 10 gal. per min. _____

How tested: Rotary pump

Length of test $\frac{1}{2}$ day

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

(over)

Log of Well

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Form No. 18
8-60

T. 2N. R. 40E.

County Rosebud

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
DEC 29 1961

STATE ENGINEER

WATER WELL LOG

Owner Mrs. Lena E. MacDonald Address Forsyth, Montana

Driller L. W. Edlund Address Miles City, Montana

Date Started _____ Date Completed 11/6/46

Location: Sec. 24 T. 2N R. 40E $\frac{1}{4}$ sec. S.E.

Type of well Drilled Equipment used Rotary drill
(Aug, driven, bored, or drilled) (Churn, drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other _____

Casing: 86 ft. to _____ ft. Type Perforated Size 4"

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

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

Perforated or Screened: Ft. 43 to ft. _____. Ft. _____ to ft. _____

Type of screen or perforations _____

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

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

Pumping water level 60 feet at 15 gal. per min.

How tested: pumping

Length of test _____

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	24	Surface
24	43	Sand & gravel
43	61	Blue shale
61	73	Sandrock
73	80	Blue shale
80	85	Sandrock
<p>This information is also given on this log</p> <p>Casing 1 1/2" Amt. 86' 43' perforated</p> <p>Pump pipe (used) 1 1/4" Amt. 55'</p> <p>Pump rod 7/16"</p> <p>Cylinder 2 1/2"x18"</p> <p>Working level 60'</p> <p>Amt. per minute 15 gals.</p>		
<p>STATE OF MONTANA, SS COUNTY OF CROW 27th 41st 1st 40th 2nd Betty M. Heston</p>		

County Rosebud _____

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 29 1961

WATER WELL LOG

STATE ENGINEER

Owner Mrs. Lena F. MacDonald Address Forsyth, Montana

Driller L. W. Edlund Address Miles City, Montana

Date Started _____ Date Completed 12/9/16

Location: Sec. 10 T. 2N. R. 10E $\frac{1}{4}$ sec. NW

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other _____

Casing: 210 ft. to _____ ft. Type _____ Size 1 1/2"

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

Casing:	ft.	to	ft.	Type	Size
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Perforated or Screened: Ft. 285 to ft. . Ft. to ft.

Type of screen or perforations _____

Static Water level, for non-flowing well: _____ feet

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

Pumping water level 71.5 feet at 10 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

[illegible]

File No.

T. 2N R. 40 E

DUPLICATE

County Rosebud

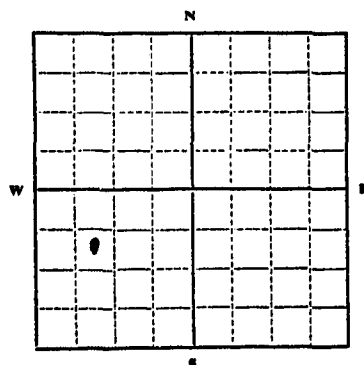
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963

Declaration of Vested Groundwater Right ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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



SW 1/4 Sec. 6 T. 2N R. 40 E

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

2. The beneficial use on which the claim is based.....
LiveStock water Well

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been..... Nov. 11, 1958
When stock are in pasture

4. The amount of groundwater claimed (in miner's inches or gallons
per minute)..... 7 Gal per Min at 84 feet

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 with-
drawal of groundwater..... Nov. 8, 1958 to Nov. 11, 1958

8. The depth of water table..... 7 gal per Min at 84 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..... 4 1/2 in OD casing, 1 1/2 in wall pipe, 7/16 rod
2 in Cylinder

10. The estimated amount of groundwater withdrawn each year..... Do not no

11. The log of formations encountered in the drilling of each well if available..... 0 to 8, Sandy, 8 to 62
Sandrock, 62 to 84, Sandy Shale, 84 to 91, Water sand (7gal per min)
91 to 95 Coal, 95 to 104 Shale

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.....

Well Log at Ranch

Signature of Owner Mary Jane Dowlin

Date Sept 24, 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.

13769

179722

STATE OF MONTANA, COUNTY
OF ROSEBUD SS. FILED DEC.
26, 1963, AT 2³⁰ PM, CO. CLERK
2nd fl Howard Lark

GW.

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No. _____

T. 2N R. 40E

DUPLICATE

County Rosebud

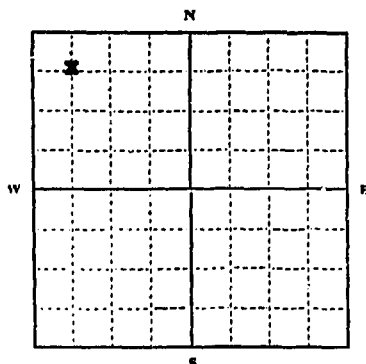
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER JAN 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I Francis & Adrienne Brewer, of P. O. Box 594, Forsyth, Montana
(Name of Appropriator) (Address) (Town)

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



NW 1/4 Sec. 4 T. 2N R. 40E

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

2. The beneficial use on which the claim is based stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1963
4. The amount of groundwater claimed (in miner's inches or gallons per minute) between 11 and 12 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 motor and pump jack
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater started and completed May 1963
8. The depth of water table approximately 30 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 84 feet deep, drilled well, 4" casing
10. The estimated amount of groundwater withdrawn each year 225,000 gallons
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Francis Brewer
Date December 30, 1963

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

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

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

21164

179920

STATE OF MONTANA, COUNTY
OF ROSEBUD SS. FILED DEC.
30, 1963, AT 3:30 P.M., CO. CLERK

9200

Howard Tait

Howard Tait, Clerk

File No.

T. 2N R. 40 E

DUPLICATE

County Rosabud

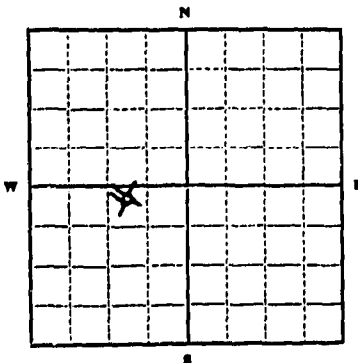
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



SW 1/4 Sec. 7 T2N R. 40E

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

2. The beneficial use on which the claim is based
LiveStock Water Well
3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 26, 1960
When ever stock are in pasture
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gal per min at 95 feet
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 May 26, 1960
8. The depth of water table 30 to 95 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 4 1/2 in OD casing, 1 1/2 in well pipe, 7/16 rod
2 in all Brass Cylinder
10. The estimated amount of groundwater withdrawn each year Do Not no
11. The log of formations encountered in the drilling of each well if available 0 to 10 Clay, 10 to 18
Sandy Clay, 18 to 65 Brown Sandrock, 65 to 80 Blue shale, 80 to 95 Sandrock
(water 195 to 125 Sandstone (water))
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
Well Log on Basin

Signature of Owner Genie FulmerDate Sept. 25, 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.

13756

179709

STATE OF MONTANA, COUNTY
OF ROSBUD CO. FILED DEC.
22, 1963, AT 2:30 PM, CO. CLERK
Sharon L. Clark
by E. H. S. Clark, Dep.

File No.

DUPLICATE

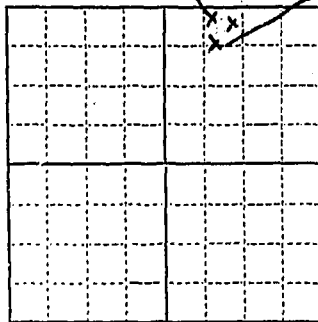
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 2 N. R. 40 E
County Rosebud
RECEIVED
JAN 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. RAY F. HUSTON, of R#2 FORSYTH
(Name of Appropriator) (Address) (Town)
County of ROSEBUD State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 16 T. 2 N. R. 40 E

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

2. The beneficial use on which the claim is based V1 - pump & stock
W2 - stock water V3 - stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been W1 9/16 - dug, still using
W2 1943 drilled " " "
W3 1963 " " "

4. The amount of groundwater claimed (in miner's inches or gallons per minute) W1 GPM = 3 V2 GPM = 3
W3 GPM = 9

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
none
none

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
W1 - 1/2" electric pump
W2 - 2" windmill W3 - 3" electric pump
W3 - 3" electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater W1 = 1916 V2 = 1943
W3 = 1963

8. The depth of water table W1 = 40' W2 = 70' W3 = 84'

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 W1 - dug well W2 - 2" windmill W3 - 3" electric pump
W2 - 2" windmill W3 - 3" electric pump

10. The estimated amount of groundwater withdrawn each year W1 = 36500
W2 = 36500 W3 = 36500

11. The log of formations encountered in the drilling of each well if available W1 = sand rock W2 = sand rock W3 = sand rock
W1 = sand rock W2 = sand rock W3 = sand rock

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

Ray F. Huston
Date Dec 28 1963

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

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

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

21337

File No.

T 2 N R 40 E

DUPLICATE

County Rosebud

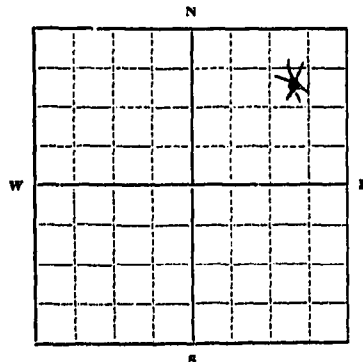
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

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



NE 1/4 Sec. 17, T2N. R40E

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

2. The beneficial use on which the claim is based.....
Live stock Water Well

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been May 14, 1959

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 6 gal per min at 165 feet

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 with-
drawal of groundwater May 9, 1959 to May 14, 1959

8. The depth of water table 6 gal per min at 165 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 42 in OD casing, 2in well pipe, wood rod
1 13/16 in by 30 Cylinder

10. The estimated amount of groundwater withdrawn each year Do not no

11. The log of formations encountered in the drilling of each well if available 0 to 3 Dirt, 3 to 18
Hard Sandrock, 18 to 63 Sandrock, 63 to 93 Shale, 93 to 165 Light Sandrock
165 to 169 sandy (water 6 gal per min) 169 to 174 Coal, 174 to 176 Brown
sand, 176 to 184 Light shale.

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.....

Log of well at Ranch

Signature of Owner Mary Gonie Dowlin

Date Sept 24, 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.

13758

179711

STATE OF MONTANA, COUNTY
OF ROSEBUD SS. FILED DEC.
26th, 1963, AT 23: PM, CO. CLERK

300 228,

Shawna Lait
by: Ellen Clark, Dep.

File No.

T. 2 N. R. 40

DUPLICATE

County Rosebud

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

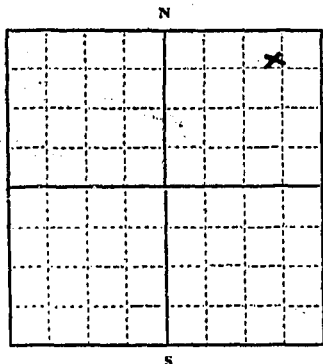
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



NE 1/4 Sec. 11 T. 2 N. R. 40

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

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

stock water

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

1960

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

every day10 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.....

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

pump jack & engine

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

1960

8. The depth of water table.....

80 feet

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

6 inch casing
130 ft. depth

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

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

0-30 clay, 30-55 gray shale, 55-65 light shale, 65-75 blue shale, 75-105 lime rock, 105-110 shale, 110-130 sand & water.

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 Tom Hagerman

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.

24989

180175

STATE OF MONTANA, COUNTY
OF ROSEBUD SS. FILED JAN.
22, 1964, AT 4:20 PM, CO. CLERK

Harold L. Lark
Sup. Filed Clerk, Dep.

File No.

T. 2N R. 40E

DUPLICATE

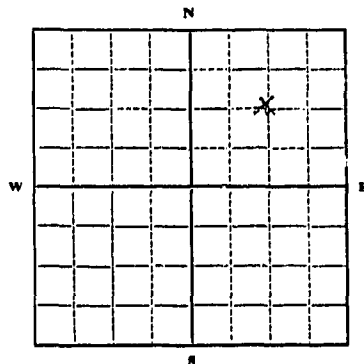
County Roosebud

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 9 1963

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

1. Northern Pacific Railway Company of N.P. Office Bldg, St. Paul, Minn.
(Name of Appropriator) (Address) (Town)
County of Roosebud State of Minnesota
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 17, T. 2N R. 40E

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

2. The beneficial use on which the claim is based watering livestock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since 1958.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None.
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 Drilled in 1958.
8. The depth of water table 80 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 185 feet deep - 4 1/2 inch casing.
10. The estimated amount of groundwater withdrawn each year.
11. The log of formations encountered in the drilling of each well if available No log 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 other information available.

Northern Pacific Railway Company
Signature of Owner By L. L. L. L.
Dist. Supervisor, Gravel and Cult.
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.

7035

179340

STATE OF MONTANA,
COUNTY OF ROSEBUD)

On the 6th day of August
1963 at 2:30 o'clock P.M.
Harvard Fair
County Clerk & Ex-Officio
by Petty M. Fontaine
Deputy

File No.

T 2N R 40 E

DUPLICATE

County Rosebud

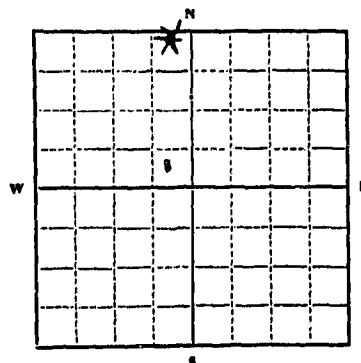
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Genie Fulmer & Mary Genie Dowlin of Forsyth
(Name of Appropriator) (Address) (Town)
County of Rosebud State of Montana
Have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 30 T. 2N R. 40 E

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

2. The beneficial use on which the claim is based.....
Stock water Well

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been Feb 28, 1956
When ever stock are in pasture

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 12 Gal per min at 231 feet
3/4 Gal per min at 65 feet
1 3/4 Gal per min at 147 feet

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 with-
drawal of groundwater..... Feb 24, 1956 to Feb 28, 1956

8. The depth of water table 49 to 65 3/4 gal, 144 to 147 - 1 3/4 gal, 216 to 231
12 gal per min.

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 1/2 feet of 4 1/2 in OD casing, 231 feet
2 in well pipe, 231 feet of wood pump rod, 2 in working bottom.

10. The estimated amount of groundwater withdrawn each year. Do not know

11. The log of formations encountered in the drilling of each well if available 0 to 4 Dirt, 4 to 8
Sandrock, 8 to 15 Clay, 15 to 18 Rock 18 to 28 Sandrock, 28 to 34 Shale
34 to 49 Blue Sandrock, 49 to 65 Sandy Shale, 65 to 70 Coal, 70 to 90
Black Shale, 90 to 112 Shale, 112 to 144 Sandrock, 144 to 147 Sandy Shale
147 to 159 Sandrock, 159 to 180 Hardshale, 180 to 216 Sandrock, 216 to 231
Water sand, 231 to 246 Shale

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.....

Well Log at Ranch

Signature of Owner.....

Mary Genie Dowlin
Date Sept 24, 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.

13760

179713

STATE OF MONTANA, COUNTY
OF ROSEBUD SO. FILED DEC.
24th, 1963, AT 1:30 PM, CO. CLERK

Hauwert Lait
2-5 pd. *Joy: Ellen Clark, Dep.*

GW

Approved Stock Form—State Publishing Co., Helena, Montana—39089

File No.

T. 2N R. 40E

DUPLICATE

County Rosebud

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 9 1963

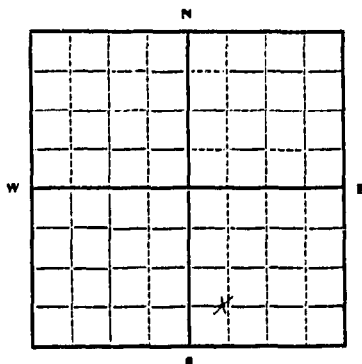
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Northern Pacific Railway Company, of N.P. Office Bldg. St. Paul, Minn.
(Name of Appropriator) (Address) (Town)

County of Ramsey State of Minnesota

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



SW 1/4 Sec. 51 T. 2N R. 40E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since 1947.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 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 None.

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 Drilled in 1947.

8. The depth of water table 85 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 170 feet deep - 4-inch casing.

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

11. The log of formations encountered in the drilling of each well if available 0-15' surface soil; 16-17' sand rock; 17-69' coal; 69-76' blue-green shale; 76-82' gray shale; 82-107' sand rock gray; 107-111' limestone; 111-161' sand rock; 161-170' gray shale.

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 other information available.

Northern Pacific Railway Company
Signature of Owner By J. K. Williams
Dist. Supervisor, Grads. and Cults.
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.

257

179362

STATE OF MONTANA, }
COUNTY OF ROSEBUD } SS.

Subscribed and sworn to before me this 1st day of December

1914 at _____ o'clock _____ M.

_____ County Clerk & Ex-Officio

by _____
200

File No.

T. 2N R. 40E

DUPLICATE

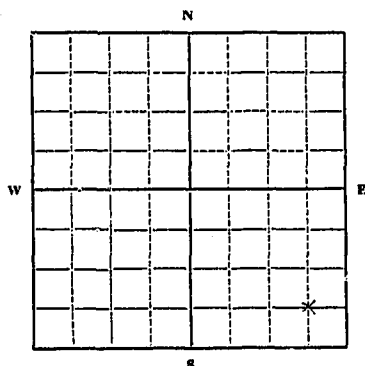
County Rosebud

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 9 1963

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

1. Northern Pacific Railway Company, of N.P. Office Bldg, St. Paul, Minn.
(Name of Appropriator) (Address) (Town)
County of Ramsey State of Minnesota
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 35 T. 2N R. 40E

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

2. The beneficial use on which the claim is based watering
livestock. Will water 65 head.

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been Continuous since 1952.

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
None.

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 with-
drawal of groundwater Drilled in 1959.

8. The depth of water table 75 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 252 feet deep - 42-inch casing.

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available 0-6' top soil; 6-12'
black dirt; 12-45' light sand rock; 45-80' brown sand rock; 80-85' shale;
85-123' light shale; 123-125' coal; 125-138' sandy shale; 138-142' coal;
142-150' shale; 150-231' light shale; 231-249' water sand - 10 gal. per
minute; 249-251' light shale.

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 other information available.

Northern Pacific Railway Company
Signature of Owner By L. J. Lippert
Dist. Supervisor, Graz. & Cult.
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.

8050.

179355

STATE OF MONTANA, }
COUNTY OF ROSEBUD } SS.

Filed on the 6th day of Nov.

1943 at 7:00 o'clock P. M.

Howard Laid
County Clerk & Recorder

By Ellen Clark
Ministry

RECEIVED
NOTARY PUBLIC
STATE OF MONTANA
ROSEBUD COUNTY
NOV 10 1943

33

File No.

T 2N R 40E

DUPLICATE

County Rosebud

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

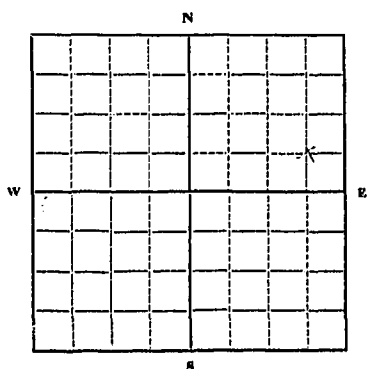
RECEIVED
DEC 9 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Northern Pacific Railway Company, of N.P. Office Bldg. St. Paul, Minn.
(Name of Appropriator) (Address) (Town)
County of Ramsay State of Minnesota
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE $\frac{1}{4}$ Sec. 33, T. 2N R. 40E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since 1957.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 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 None.

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 Drilled in 1957.

8. The depth of water table 100 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 140 feet deep - 4-inch casing.

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available No log 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 other information available.

Northern Pacific Railway Company
Signature of Owner Dr. L. H. Hedges
Dist. Supervisor, Graz. & Cult.
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.

8048

179353

STATE OF MONTANA, (SS.
COUNTY OF ROSEBUD)

Filed on the 6th day of Dec
1963 at 2:00 o'clock P.M.

Howard Jait
County Clerk & Recorder
By Ellen Clark Deputy

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No. _____

T. 2N R. 40

DUPLICATE

County _____

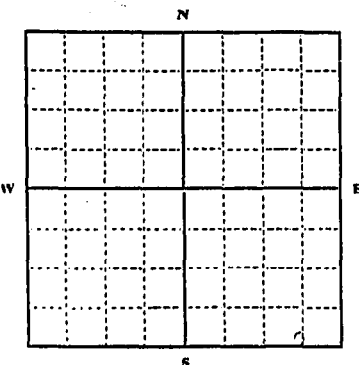
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



S. E. Sec. 35, T. 2N., R. 40.

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

2. The beneficial use on which the claim is based Stock Water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been March 9, 59
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 14-20 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 pump and back - 2 in pipe

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater March 9, 59 started pump for stock use
April
8. The depth of water table 230 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 7.52-4 in casing 200 feet 2 in pipe
30 feet 1/2 in
10. The estimated amount of groundwater withdrawn each year 200
11. The log of formations encountered in the drilling of each well if available yes
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. P. R. - George J. Fadden
Signature of Owner

Date Dec 30, 1963

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

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

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

21200

179956

STATE OF MONTANA, COUNTY
OF ROSEBUD SS- FILED DEC:
30, 1963, AT 4:40 PM, CO. CLERK

David Lait
by: Ellen Clark, Rep.

File No.

T. 2N R. 40E

DUPLICATE

County Rosebud

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 9 1963

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

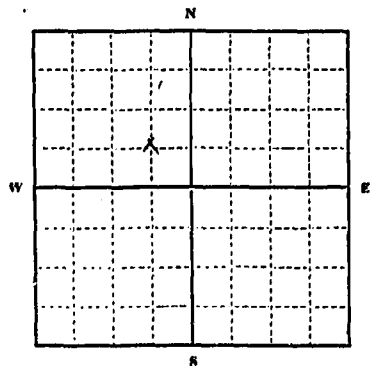
Date of Appropriation of Groundwater 1911.Owner Nor. Pac. Ry. Co. Address St. Paul, Minn.

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, used since 1911.

SE 1/4 NW 1/4 Sec. 31 T. 2N R. 40E

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

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

estimate approximate lengths of periods of use. Spring flows 2 to 3 gallons per minute, measured over a period of time.

Signature of Owner Northern Pacific Railway CompanySignature of Owner By [Signature] Dist. Supervisor, Graz. and Cult.

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.

179365

STATE OF MONTANA,
COUNTY OF ROSEBUD) SS.

Filed on the 1 day of December

1963 at 2:00 o'clock P.M.

Howard J. T.

County Clerk & Notary

By _____

12

County

32

File No.

T. 2N R. 40E

DUPLICATE

County Rosebud

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 9 1963

Notice of Completion of Groundwater Appropriation
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

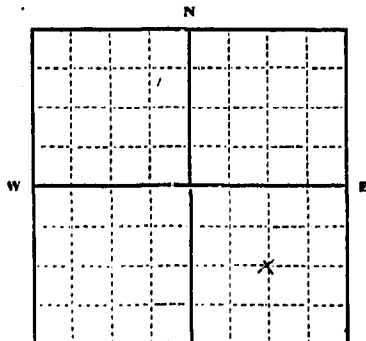
Date of Appropriation of Groundwater 1923Owner Northern Pacific Ry. Co. Address St. Paul, Minn.

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, used since 1923.



SE 1/4..... Sec. 32. T. 2N R. 40E

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

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

estimate approximate lengths of periods of use. Spring flows

10 gallons per minute, measured over a
period of time.

Northern Pacific Railway Company

Signature of Owner By L. H. [Signature]
Dist. Supervisor, Gras. and Cult.

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 Quaduplicate for the Appropriator.

803f

179339

STATE OF MONTANA,
COUNTY OF ROSEBUD) SS.

On the 6th day of June

1963, 2:00 P. M.

Howard J. ...
County Clerk of Rosebud

by Betty M. ...
Deputy

File No.

T. 2N R. 40E

DUPLICATE

County Rosebud

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 9 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1923

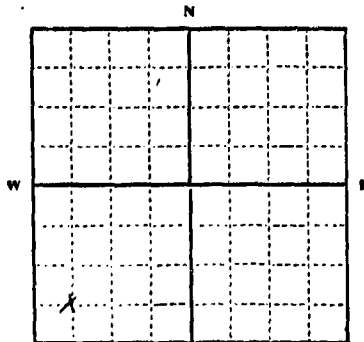
Owner Nor. Pac. Ry. Co. Address St. Paul, Minn.

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, used since 1923.



SW $\frac{1}{4}$ Sec 33 T. 2N. R. 40E

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

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

estimate approximate lengths of periods of use. Spring flows

10 gallons per minute, measured over a
period of time.

Signature of Owner Northern Pacific Railway Company

By R. H. Delinger

Dist. Supervisor, Graz. and Cult.

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.

179367

WARRANTANA, } ss.
COUNTY OF ROSELAND }

Filed on the 4th day of December

1944 at 2:15 o'clock P.M.

Thomas J. Smith
County Clerk & Recorder

By David J. Smith
S. J. Smith

GROUNDWATER INDEX

Page 1 of 1

County

ROSEBUD

Twp.

2 NORTH

Rge

41 EAST

[illegible]

File No. _____

QUADRUPLICATE

LOG

T. _____ R. _____
County Rosebud RJBSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner T. H. Village Address ETCDriller Ed. J. Sklar Address Helena, Mont.Date of Notice of appropriation of groundwater 1972 RJBDate well started Nov 12 Date completed Nov 13Type of well Drilled Equipment used Rotary
(Dug, Driven, bored, drilled) (Churn drill, rotary, 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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5"	4" Plastic	0	61	3/8"	4-1'	61'

Top of Ground
(Elev. above sea level _____)

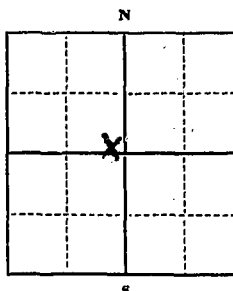
Sand

47

Coal

58

61

Doc. No. 1782
Filed for record
this 2nd day of October
A. D. 19 72, at 11:35
o'clock A.M.1/4 Sec. 1 T. 2 R. 1
Indicate location of well and place of use, if possible. Each small square represents 40 acres.Static Water Level for non-flowing well 12 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 8' feetat 3 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested BALERLength of Test 30 min.

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

(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).

Show exact depth of bottom.

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

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

Driller's License Number 193Driller's Signature Ed. J. Sklar

51,530

File No. _____

RECEIVED

T. _____ R. _____
County Rosebud RJD

QUADREPLICATE

OCT 4 1972

LOG

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level _____)

**Notice of Completion of Groundwater
Appropriation by Means of Well**
DEVELOPED AFTER JANUARY 1, 1963

(Under Chapter 237, Montana Session Laws, 1961)

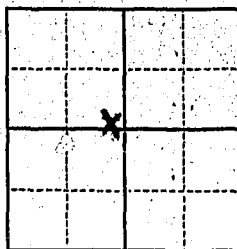
Owner Tom Wimer Address RT2Driller Ronald Ashin Address Wiles CityDate of Notice of appropriation of groundwater 1972 RJDDate well started Nov 12 Date completed Nov 13Type of well Drilled Equipment used Rotary

(Dug, Driven, bored, etc.) (Churn drill, rotary, etc.)

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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
				Kind Size From (Feet) To (Feet)
5" 4"	Plastic	0	61	3/4" 41' 61'

Doc. No. 1782
Filed for record
this 2nd day of October
A. D. 19 72, at 11:35
o'clock A.M.1/4 Sec. 1 T. 1 R. 1
Indicate location of well and
place of use, if possible. Each
small square represents 40
acres.Static Water Level for non-flowing well 12 feet

Shut-in Pressure for Flowing Well _____ feet

Pumping Water Level 8' feet
at 3 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested BalerLength of Test 30 min.

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

(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). _____

Show exact depth of bottom.

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

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

Driller's License Number 193Driller's Signature Ronald Ashin

51,530

1787

STATE OF MONTANA, ss.
COUNTY OF ROSEBUD)

Filed on the 2nd day of Oct

1972 at 11:35 o'clock A. M.

Harold J. Jell
County Clerk & Recorder

Betty M. Fontaine
82.23

RECEIVED

County Bozeman

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

JAN 5 1972

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

(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 Tom Wimer
Address Conley, Mont.
Garfield, Mont.
Date well started Nov. 10, 1971
completed Nov. 10, 1971

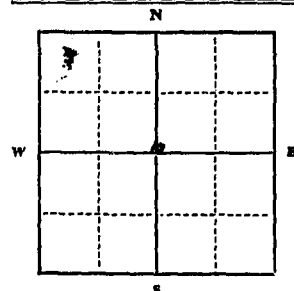
For Administrator's Use
File 29 Jan 4, 1972
11:00 AM
GW 1

Type of well drilled (Dig, driven, bored or drilled)
Equipment used rotary (Chain drill, rotary or other)
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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	4" plastic 0	61		drilled	38	58



Static water level 50 ft.*
Pumping water level 35 ft.*
at 1 minutes after pumping began.

*Measured from ground level.
Well developed by balling
for 1 hours.
Power 1 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Center 1/4 Sec. 1
T. 7 N. 4 E. P.J.G.
S. W

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

Driller's Signature Ronald L. Robison
Driller's Address 215 N. Prairie, Miles City, Mont.

Montana Water Well Drillers LICENSE NO. 183

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
0	47 sand
47	58 coal
58	61 rubble

Show exact depth of bottom

49,680

29

STATE OF MONTANA, }
COUNTY OF ROSEBUD } SS.

Filed On the 4th day of Dec
1972 at 11:00 o'clock A.M.

Harold Jait
County Clerk & Recorder
by Betty D. Jait
Dec 4 1972

RECEIVED
JAN 11 1973
COUNTY CLERK
ROSEBUD, MONTANA

RECEIVED

County Bozeman

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

JAN 5 1972

DRILLER'S LOG

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

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 Tom Winer

Address Bozeman, Mont.

Forest, Mont.

Date well started Nov. 11, 1971

completed Nov. 12, 1971

For Administrator's Use

File 30 Jan. 4, 1972

11:00 A.M.

GW 1

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used rotary

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

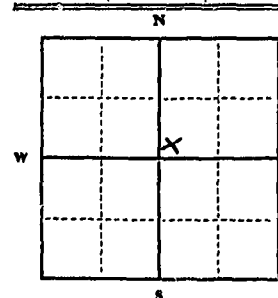
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	4" steel 0	225		slotted	170	210



Static water level 150 ft.*
Pumping water level 200 ft.*
at 8 gallons per minute,
measured 2 minutes after pumping began.
*Measured from ground level.
Well developed by baling
for 2 hours.
Power 2 Pump 1 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

SW 1/4 NE 1/4 Sec. 2
T. 2 N. R. 41 E. R. J. G.

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

Driller's Signature

Driller's Address 215 N. Prairie, Miles City, Mont.

Montana Water Well Drillers

183

LICENSE NO.

225 ft. Show exact depth of bottom

49682

30

STATE OF MONTANA, }
COUNTY OF ROSEBUD } ss.

Filed on the 14th day of Jan

1972 at 11:00 o'clock A. M.

Howard J. Lait
County Clerk & Recorder

by Billy M. Jantzen
Deputy

83.00

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 TOM WIMER

Address RT 2
FORSYTH, MONT

Date well started Nov 12, 1971
completed Nov 13, 1971

For Administrator's Use	
File	<u>1786</u>
Oct. 2, 1972 - 11:35 a.m.	
GW 1	

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

Equipment used ROTARY
(Cable drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

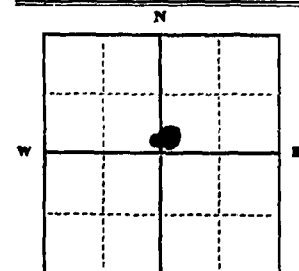
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

*Describe Dual Purpose Well

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 200,000 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>5"</u>	<u>Heavy Steel</u>	<u>0</u>	<u>220</u>	<u>4"</u>	<u>165</u>	<u>210</u>
				<u>Steel</u>		



Static water level 150 ft.*
Pumping water level 1 ft.*
at 1 gallons per minute,
measured 1 minutes after pumping began.

*Measured from ground level.
Well developed by Baker
for 1 hours.

Power 1 Pump 1 HP

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

Gravel packing
Sealed with cement

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

Driller's Signature Kenneth Perkins

Driller's Address Sioux City

Mont LICENSE NO 183

County Mont

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
<u>0</u>	<u>24</u>	<u>Sand</u>
<u>24</u>	<u>30</u>	<u>Coal</u>
<u>30</u>	<u>165</u>	<u>Shale (quartz)</u>
<u>165</u>	<u>210</u>	<u>Sand</u>
<u>210</u>	<u>225</u>	<u>Shale</u>

225 Show exact depth of bottom

1 51,529

1786

STATE OF MONTANA,
COUNTY OF ROSEBUD)

Filed on the 24 day of Oct.

1922 at 11:35 o'clock A.M.

Sharon J. Lisk
County Clerk & Ex-Officio

By Betty M. Johnson
#202

G1

File No.

DUPLICATE

T 2 R 41

County ROSEBUD

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

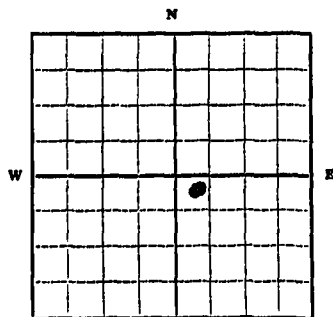
RECEIVED
JAN 15 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Tom Wimer, of RT 2 Forsyth
(Name of Appropriator) (Address) (Town)
County of ROSEBUD State of MONT.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N. 2 E. 41
NW 1/4 Sec. 2 T. 2 R. 41

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946 FIRST USED
BY ME. CONTINUOUS SINCE

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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 Tom Wimer
1/2 ACRE Garden

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1946

8. The depth of water table 3 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 DUG WELL 4 FT ROUND
ROCK CURBING.

10. The estimated amount of groundwater withdrawn each year 20,000 G.P.M.

11. The log of formations encountered in the drilling of each well if available 0-2 FT
SURFACE SOIL 2' to 4' sandstone
4' to 10' coal.

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

Tom WimerDate Dec 3, 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.

3312

177122

STATE OF MONTANA, } ss.
COUNTY OF ROSEBUD }

Filed on the 12th day of Jan.

1963 at 11:20 o'clock A.M.

Henry A. Smith
County Clerk & Recorder

by *William M. Fortson*
Deputy

GV

File No.

DUPLICATE

T. 2 N. R. 41 E. 2

County. Beaumont

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

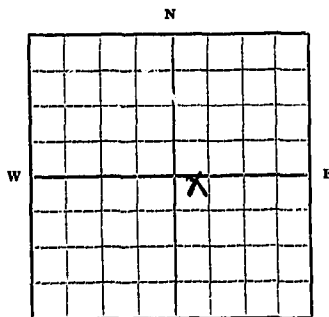
RECEIVED
JAN 15 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. TOM WIMER of RT 2 FORSYTH
(Name of Appropriator) (Address) (Town)
County of ROSEBUD State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



T2N-R41E
NW 1/4 Sec 2 T 4/R

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

2. The beneficial use on which the claim is based STOCK
AND HOUSEHOLD WATER
3. Date or approximate date of earliest beneficial use; and how continuous the use has been SEPTEMBER 1956
CONTINUOUS SINCE THAT TIME
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 GALLON 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 USED AS ABOYIE WHICH
INCLUDES WATERING LAWN
AND TREES,
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ELECTRIC
MOTOR WITH PUMP JACK, WOOD
ROD AND 2" CYLINDER,
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater WELL COMPLETED MARCH 22, 1956
MOTOR AND PUMP JACK AND TANK COMPLETED SEPT, 1956
STARTED USING SEPT. 1956
8. The depth of water table ABOUT 150 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 CORRN. DRILLED WITH CABLE TOOLS
4 IN. HOLE 237 FT DEEP WITH 4" CASING TO 237 FT.
WITH 2" PIPE AND 2" CYLINDER 210 FT DEEP WITH 2.09 FT
WOOD PUMP ROD,
10. The estimated amount of groundwater withdrawn each year 75000 GALLONS
11. The log of formations encountered in the drilling of each well if available 0' TO 54' SAND
54' TO 57' COAL 57' TO 90' SHALE 90' TO 91' ROCK 91' TO 96' SHALE 96' TO 97' ROCK
97' TO 157' SANDY SHALE 157' TO 207' SAND ROCK 207' TO 226' WATER SAND
226' TO 237' SHALE, 30 GALLONS PER MINUTE BAILER TEST,
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 Tom Wimer

Date Jan 26, 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.

3310

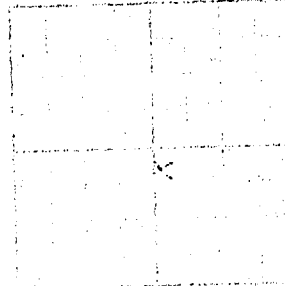
177120

STATE OF MONTANA, }
COUNTY OF ROSEBUD } SS.

Filed on the 17th day of Jan.
1963 at 11:20 o'clock A.M.

Howard L. ...
County Clerk & Recorder

by D. M. ...
Deputy



NOTED
JAN 20 1963
COUNTY CLERK

RECORDED
JAN 20 1963
COUNTY CLERK

File No.

SEP 6 1966

T. 2 N. R. 41 E

DUPLICATE

LOG

 Billings _____
 Butte _____
 Coyle _____
 Dartmouth _____
 Dickinson _____
 Glacier _____
 Hill _____
 Judith _____
 Liberty _____
 McCone _____
 Mineral _____
 Park _____
 Petroleum _____
 Richland _____
 Rosebud _____
 Stillwater _____
 Yellowstone _____
County Rosebud

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level.....)

0'-6" Gravel

6'-20" yellow Clay

20'-27" Coal

27'-37" Blue Shale

37'-41" Rock & Clay

41'-50" Blue Shale

50'-123' Sandrock
(2 gals.)

123'-142' Grey Shale

142'-147' Sandrock

147'-165' Limestone
(2 gals.)

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

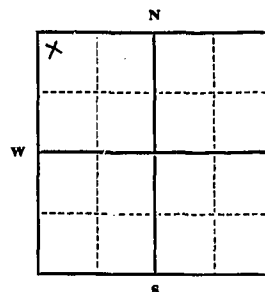
Owner Larry Hagaman Address Jersey, Mont.Driller Robert L. Lick Address Jersey, Mont.

Date of Notice of appropriation of groundwater.....

Date well started 9/1/66 Date completed 9/1/66Type of well Drilled Equipment used Churn
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)
 Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
 Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6" I.D. Steel	0	38	Drilled 1/4" holes		
	4" I.D. Plastic	0	165		130	130
					153	163

Static Water Level for non-flowing well 45 feet.Shut-in Pressure for Flowing Well Not ApplicablePumping Water Level 147 feetat 4 gal. per minute.Discharge in gal. per min. of flowing well Not ApplicableHow Tested BailedLength of Test 2 hrs.Remarks: (Gravel packing, cementing, packers, type of shutoff) Not Applicable

1/4 Sec. 6 T. 2 N. R. 41 E
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(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). Not Applicable

Show exact depth of bottom.

165

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 104
 Driller's Signature
E. W. Lick

41,367

186460

STATE OF MONTANA
COUNTY OF ROSEBUD

Filed on the 25th day of August
1966 at 3:00 o'clock P.M.
Howard Stark
County Clerk & Recorder

by _____
2nd Pd

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.

T. 2N R. 41E

DUPLICATE

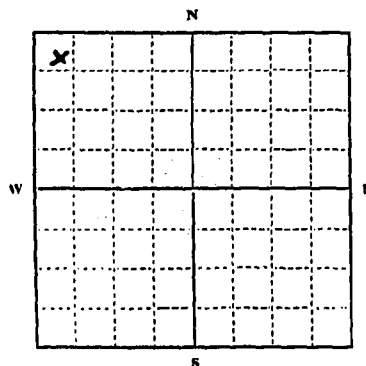
County Roobid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

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

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



NW 1/4 Sec. 6 T. 2N R. 41E

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

2. The beneficial use on which the claim is based
stock water
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)
4 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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
pump jack & engine
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1953
8. The depth of water table
30 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
4 inch casing
121 ft. deep
10. The estimated amount of groundwater withdrawn each year
approx. 1500 gal per day.
11. The log of formations encountered in the drilling of each well if available
8 ft. clay, 9 ft. coal, sand rock.
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 Tom Hagerman
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.

24990

305
 1500
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 577,500 180176

STATE OF MONTANA, COUNTY
 OF ROSEBUD SS. FILED JAN
 28, 1964, AT 4:20 PM, CO. CLERK

David L. Lint
By: Ellen Clark, St

OW

Approved Stock Form—State Publishing Co., Helena, Montana—38496

File No.

T. 1N R. 42E

DUPLICATE

County. Rosebud

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

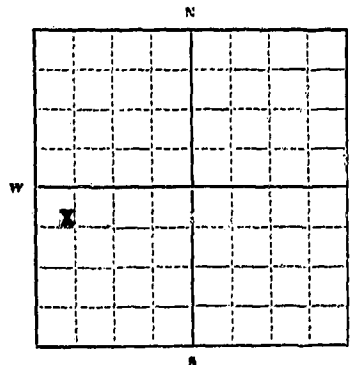
RECEIVED
APR 16 1967

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. The Montana Power Company of 40 East Broadway Butte
(Name of Appropriator) (Address) (Town)
County of Rosebud State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 7 T. 1N R. 42E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... Feb. 19, 1951

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

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...
Well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... Completion - Feb. 19, 1951

8. The depth of water table... Not available

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 - must be pumped

Total depth - 940'

10" casing set at 925'

2-1/2" tubing set at 670'

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

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

755' of interbedded shales, coal and sandstone

27' of net productive water sand from 755' to 782'

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

Used for fire protection

(STATE SEAL)

ATTEST

[Signature]
Its Secretary

THE MONTANA POWER COMPANY

Signature of Owner. By

Vice President

Date. February 1, 1962

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

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

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

175076

STATE OF MONTANA, ss.
COUNTY OF ROSBURG, ss.

Filed on the 13th day of April

1962 at 8:00 o'clock A.M.

Howard Smith
County Clerk & Recorder

By Betty M. Perkins
Deputy

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.

T2N R 41E

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

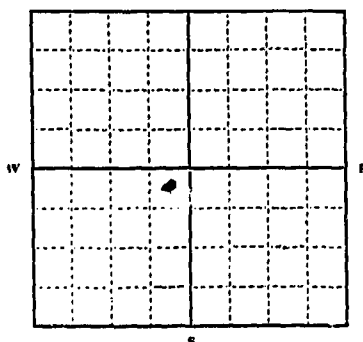
RECEIVED
JAN 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Duncan H. Hargrave, of Joseph
(Name of Appropriator) (Address) (Town)

County of Rosebud State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 8 T2N R41E

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

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

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 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

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

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

8. The depth of water table

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 Duncan H. Hargrave

Date Dec 30 1963

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

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

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

21160

179916

STATE OF MONTANA, COUNTY
OF ROSEBUD SS- FILED DEC.
30, 1963, AT 9:15 PM, CO. CLERK

X 2 00

Howard Smith

Doris Jean Hilted, Dep.

File No.

DUPLICATE

T. 2N. R. 11E. 10

County ReservoirSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JUL 10 1964

Top of Ground

(Elev. above sea level.....)

0' - 10' Top Soil

10' - 13' Sandy Clay

30' - 50' Sandstone

50' - 85' Sand & Scoria

95' - 100' Blue Shale, Scoria

100' - 110' Blue Shale, Sand

110' - 122' Blue Shale, Scoria

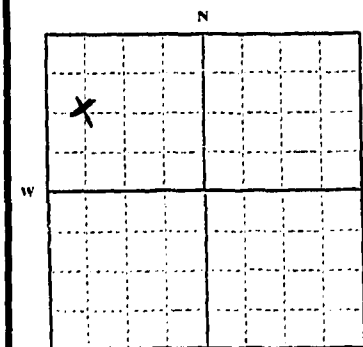
122' - 123' Sandrock

123' - 141' Sandy Clay

141' - 142' Hard Sandrock 7"

142' - 150' Blue Sand
+ Sandrock

2' 1/2'



N. 1/4 Sec. 10. T. 2N. R. 11E.
Indicate location of well and
place of use, if possible. Each
small square represents 10 acres.

Show exact depth of bottom.

150'

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Elaine Streeter Address Goldstein, MontDriller Elbert J. Jellut Address Garayth, Mont

Date of Notice of Appropriation of Groundwater.....

Date well started 6/9/64 Date Completed 6/13/64Type of well Drilled Equipment Used Churn
(dug, driven, bored or drilled) (Churn, drill, rotary or other)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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	4" - 2.0 Plastic	0	150	vertical slot	140	150
	6 1/2" 2.0 Steel	0	16			

Static Water Level for non-flowing Well 100 feet.Shut-in Pressure for Flowing Well Not ApplicablePumping Water Level 130 feet at 10 gal. per minute.Discharge in gal. per min. of flowing well Not ApplicableHow Tested Bailed Length of Test 2 hrs

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

acres irrigated, if used for irrigation).....

Not Applicable

104
Driller's License Number
Elbert J. Jellut
Driller's Signature

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

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

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

38280

181782

STATE OF MONTANA, SE
COUNTY OF ROSEBUD
Filed on the 9th day of July
at 10:20 o'clock A.M.
Shawyer, Clerk
County Clerk & Ex-Officio
by Betty M. Intestine
#2.00 Deputy