6

T. 16N R. 43E

County Carbon

RECEIVED
JUL 20 1961
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner John K. Schlepp Address Cohagen, Montana

Driller Carl Jerrel Address Miles City, Montana

Date Started 10/1956 Date Completed same day

Location: Sec. 6 T. 16N R. 43E ¼ sec. center of section

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

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

Industrial [ ] Drainage [ ] Other:

Casing: 0 ft. to 210 ft. Type Iron Size 4 inch

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 170 to ft. 210 Ft. to ft.

Type of screen or perforations slots

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

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

Pumping water level feet at 5 gal. per min.

How tested: bailer

Length of test 2 hours

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

(over)

6

T. 16 N R. 43E

County Garfield

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUL 20 1961
STATE ENGINEER

WATER WELL LOG

Owner John K. Schlepp Address Cohagen, Montana

Driller Tommy Hammond Address Miles City, Montana

Date Started 1917 Date Completed donot know

Location: Sec. 6 T. 16N R. 43 ¼ sec. SW¼

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

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

Industrial [ ] Drainage [ ] Other:

Casing: 0 ft. to 220 ft. Type galvanized Size 6 inc

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. not known to ft. Ft. to ft.

Type of screen or perforations

Static Water level, for non-flowing well: 180 feet from top feet.

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

Pumping water level feet at 4 gal. per min.

How tested: bailer

Length of test 2 hours

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

(over)

GW

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

File No.

T. 16 N R. 43 E

DUPLICATE

County Garfield

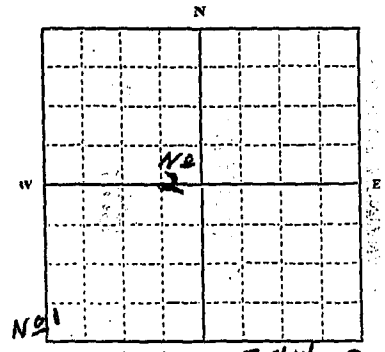
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John K. Schlepp, of Cohagen
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NO. 1 SWSW NO. 2 SENW - Sec. 6.

1/4 Sec. 6 T. 16 R. 43

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, House use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1917 on No 1
1953 on No 2

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater No 1 1917 No 2 1953

8. The depth of water table No 1, 200 ft. No 2 180 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
No 1 220 ft. 6 inch casing } No 2 200 ft. 4 inch casing

10. The estimated amount of groundwater withdrawn each year No 1, 100,000 gal No 2 120,000

11. The log of formations encountered in the drilling of each well if available None 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 1 well log 34
No 2 well log 33

Signature of Owner John K. Schlepp

Date Dec. 27 1963

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

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

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

14776

322

124973

STATE OF MONTANA
County of Garfield }

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this 27 day of Feb
A. D. 19 63 at 2:00 o'clock P M.

Chas. E. Faughnan
County Clerk and Recorder

By Indian R. James
Deputy

Fee Paid $ 2.00

INDEXED M J
FILED

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

File No.....

T. 16N R. 43E

DUPLICATE

County Garfield

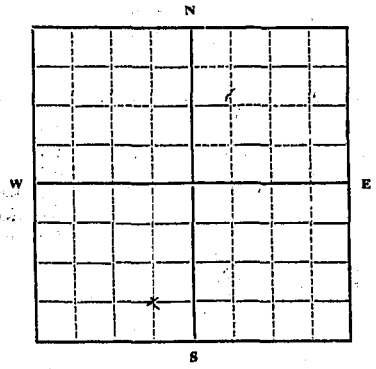
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 13 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Northern Pacific Railway Company, of N.P.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:



SE¼SW¼ Sec. 9 T. 16N R. 43E

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. Furnishing water for livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Continuous since 1960.

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 withdrawal of groundwater Drilled in 1960.

8. The depth of water table 45 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 60 feet deep - 18-inch redwood casing.

10. The estimated amount of groundwater withdrawn each year

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 No other information available.

Northern Pacific Railway Company
Signature of Owner By L. A. Stutzman
Dist. Supervisor, Graz. & Cult.
Date DEC 10 1963

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

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

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

8882

141

124637

STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this 10 day of [illegible]

A. D. 19 63 at [illegible] o'clock [illegible] M.

[illegible]
County Clerk and Recorder

By [illegible]
Deputy

Fee Paid $2.00

INDEXED
FILED

G\

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

11

File No.....

T. 16N R. 43E

DUPLICATE

County GARFIELD.

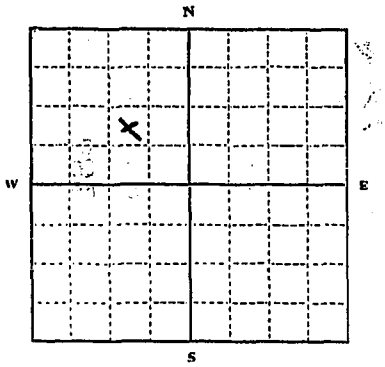
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John B Jordan (Name of Appropriator), of Rock Springs (Address) (Town)
County of GARFIELD State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W. 1/4 Sec. 11 T. 16N R. 43E

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950 - 4½ MONTHS PER YEAR CONTINUOUSLY

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 NONE

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal REC PUMP + ENGINE 1950 TO 1955 REA 1955 TO 1963 - SE¼NE¼ - 11-T16N R43E.

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

8. The depth of water table 64 FEET

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater DRILLED WELL - 4" CASING - 108 FT DEEP. REA POWER SINCE 1955 - 3" PUMP CYL

10. The estimated amount of groundwater withdrawn each year 1,166,400 GALLONS

11. The log of formations encountered in the drilling of each well if available 1 TO 10 SANDY SOIL 11 TO 70 CLAY - 71 TO 90 SAND 91 TO 108 CLAY

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NO RECORDED RECORDS VERY GOOD WATER FOR STOCK OR HUMANS

Signature of Owner John B Jordan

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.

23295

381

125038

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this 30 day of Dec. A. D. 19 63 at 9:57 o'clock A M.

Chester E. Vaughan
County Clerk and Recorder

By Marie R. Samuel
Deputy

Sec Fold 8 2.00

Indexed M
Ck'd Cap

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

12

File No.

T. 16 N R. 43 E

DUPLICATE

County GARFIELD

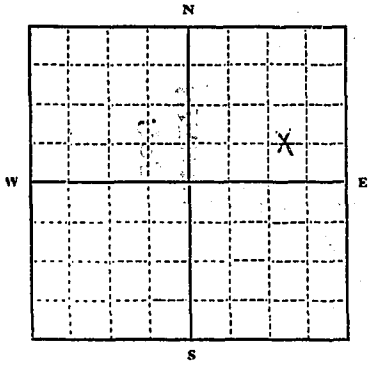
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John B. Jordan (Name of Appropriator), of Rock Springs (Address) (Town)
County of GARFIELD State of MONT
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ Sec. 12 T 16 N R. 43 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been OCT 1963

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 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 NONE

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal FLOWING WELL - SE¼NE¼ - SEC 12 T16N R43E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater OCT 1963 - OCT 1963

8. The depth of water table FLOWING.

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 - 60' 4" CASING. 220' - 2½" CASING.

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

11. The log of formations encountered in the drilling of each well if available 1' TO 10' GRAVEL 11' TO 205' CLAY - 206 T 240 SAND - 241 TO 260 CLAY

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NO RECORDED RECORDS - VERY GOOD WATER.

Signature of Owner John B. Jordan

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.

23299

385
125042

STATE OF MONTANA
County of Garfield }

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this 30 day of Dec.
A. D. 19 63 at 10:06 o'clock A M.

Charles E. Longmire
County Clerk and Recorder

By Marion A. James
Deputy

Fee Paid $ 2.00

INDEXED
CHECKED

GW

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

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File No.....

T 16 N R 43 E

DUPLICATE

County Garfield

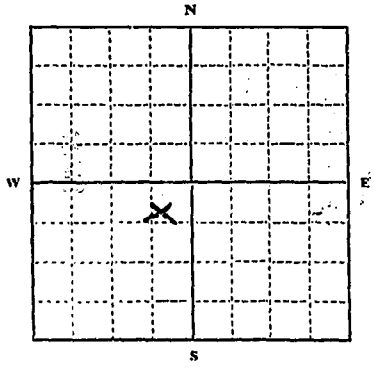
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John B. Jordan (Name of Appropriator), of Rock Springs (Address) (Town)
County of GARFIELD State of MONT.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW ¼ Sec 13 T 16 N R 43 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 + RESIDENTIAL USE

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1908 - DAILY

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 NONE

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal FLOWING WELL NE¼SW¼ SEC 13 T 16N R 43 E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1908

8. The depth of water table TO 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 - 3" CASING 14 FEET DEEP USING JET PUMP TO RAISE WATER FOR RESIDENTIAL USE

10. The estimated amount of groundwater withdrawn each year 3,679,200 gallons.

11. The log of formations encountered in the drilling of each well if available NON 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 RECORDED RECORDS SOME GAS PRESSURE - INTERMITTANT DISCHARGE

Signature of Owner John B Jordan

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.

23292

378

125035

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this 30 day of Dec. A. D. 19 63 at 9:54 o'clock A M.

Charles E. Langhurst
County Clerk and Recorder

By Marian R. James
Deputy

Fee Paid $ 8.00

G

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

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File No.

T. 16 N R. 43 E

DUPLICATE

County GARFIELD

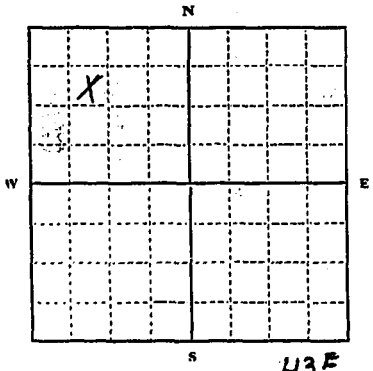
RECEIVED JAN 6 1964 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John B Jordan (Name of Appropriator), of Rock Springs (Address) (Town)
County of GARFIELD State of MONT.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 14 T. 16 N R. 43 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948 - 6 MONTHS PER YEAR SINCE 1948

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 22 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 NONE.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal REG PUMP + ENGINE TO 1962 REA SINCE 1953 - NW4 SEC 14 T16N R43E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1948 - WELL 1953 REA.

8. The depth of water table 37' BELOW 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 WELL - 4" CASING - 245 FT DEEP. REA POWER.

10. The estimated amount of groundwater withdrawn each year 1,080,000 GALLONS

11. The log of formations encountered in the drilling of each well if available 1 TO 10 SANDY SOIL 11 TO 200 CLAY - 201 TO 220 ROCKY SAND - 221 TO 225 HONEY COMB ROCK - 226 TO 245 CLAY

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NO RECORDED RECORDS SOME UNNATURAL PRESSURE IN HONEY COMB ROCK VERY GOOD WATER

Signature of Owner John B Jordan

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.

22296

382

125039

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this 30 day of Dec. A. D. 1963 at 9:58 o'clock A. M.

Thomas E. Humphreys
County Clerk and Recorder

By Marion R. James Deputy

Fee Paid $ 2.00

Filed

GV.

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

File No.....

T. 16 N R. 43 E 16

DUPLICATE

County GARFIELD

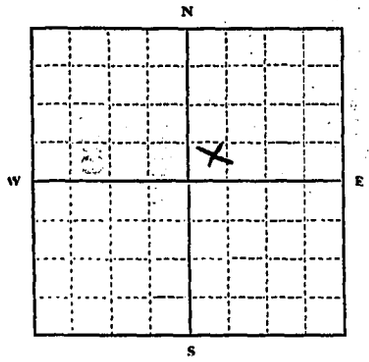
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John B Jordan (Name of Appropriator), of Rock Springs (Address) (Town)
County of GARFIELD State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ Sec. 16 T. 16 N R. 43 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1952 - CONTINUOUSLY ABOUT 5 MONTHS PER YEAR

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 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 NONE

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal SUBMERSIBLE PUMP - REA POWER SW¼NE¼ SEC-16 T 16N R 43E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1952 GAS ENGINE + REG PUMP TO 1956 SUBMERSIBLE PUMP + REA 1957 TO 1963

8. The depth of water table 220 FEET

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater DRILLED - 4" CASING - 330 FT DEEP

10. The estimated amount of groundwater withdrawn each year 864,000 GALLONS

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record WATER LIMITED NO RECORDED RECORD. GOOD LIVESTOCK WATER

Signature of Owner John B Jordan

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.

23303

389

125046

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this 30 day of Dec

A. D. 19 62 at 10:05 o'clock A M.

Chas. E. Langhans
County Clerk and Recorder

By Marie R. James
Deputy

Fee Paid $ 2.00

GW 2

File No.....

DUPLICATE

Location

T. 16 N R. 43 E

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JUN 11 1962 STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

15	clay
25	sand
37	rock
62	sand rock
110	clay
115	coal
150	shale
178	grey shale
184	rock
195	Coal
212	shale
218	Coal
250	sand

Owner Hadley Nelson Address Cohagen

Driller Floyd Higgins Address Miles City

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

Date well started 5-17-62 Date Completed 5-31-62

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 ☐

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 5/8	4" 8 lb.	0	250	3/8 holes	166	250

N W E S

.....¼..... Sec..... T..... R.....

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

Static Water Level for non-flowing Well 90 feet.

Shut-in Pressure for Flowing Well .....

Pumping Water Level 175 feet at 7 gal. per minute.

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

How Tested Bailer Length of Test 3 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) .....

Show exact depth of bottom.

12
Driller's License Number

Floyd Higgins
Driller's Signature

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

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

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

837

121838

STATE OF MONTANA
County of Garfield }

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this 1 day of June A. D. 19 67 at 4:15 o'clock P. M.

Clem Bragg
County Clerk and Recorder

By _____ Deputy

Fee Paid $ 2.00

Approved Stock Form—State Publishing Co., Helena, Montana—38687

18

File No.....

T 16N R 43E

DUPLICATE

County Garfield

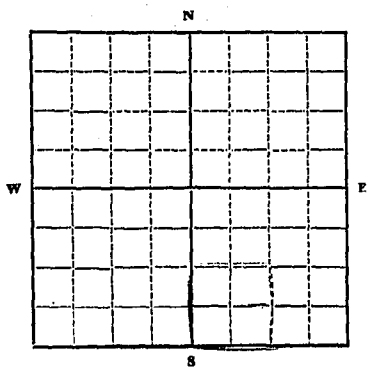
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 27 1962
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Godfrey Helm (Name of Appropriator), of Cohagen (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NE 1/4 Sec. 18 T 16N R 43E

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
Domestic and Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946 continuous use

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

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

8. The depth of water table 155 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 inch casing with 1 1/4 inch pipe for pumping

10. The estimated amount of groundwater withdrawn each year waters about 30 head of cattle and domestic use.

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

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

Signature of Owner Godfrey Helm

Date April 25, 1962

[redacted] to be filed by the owner with the County Clerk and Recorder of the county in which the well is [redacted]

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.

510

121649

STATE OF MONTANA
County of Garfield }

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this 25 day of April

A. D. 19 62 at 1:35 o'clock P. M.

Clare Berg
County Clerk and Recorder

By _____
Deputy

Fee Paid $ 2.00

G

Approved Stock Form—State Publishing Co., Helena, Montana—42234 19

File No.....

T. 16N R. 43E

DUPLICATE

County GARFIELD

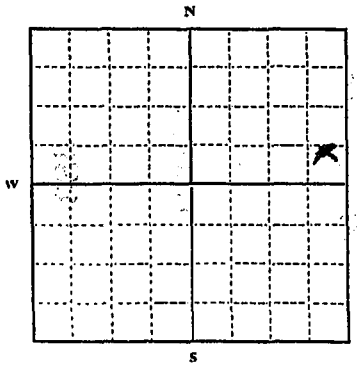
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 6 1964 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John B Jordan (Name of Appropriator), of Rock Springs (Address) (Town)
County of GARFIELD State of MONT.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ Sec 19 T 16N R 43E

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1944 - 3 MONTHS PER YEAR SINC 1944

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal REC. PUMP 2½" CYL SE¼NE¼ SEC 19 T16N R43E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1944

8. The depth of water table 60 FT BELOW SURFACE

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater DRILLED - 4" CASING - 120 FT DEEP - ENGINE OR WIND MILL. 8' WHEEL

10. The estimated amount of groundwater withdrawn each year 170,000 GALLONS

11. The log of formations encountered in the drilling of each well if available 1 TO 80' CLAY 81 T 100 SAND 101 T 120 CLAY

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NO RECORDED RECORDS FOR HUMAN OR LIVESTOCK USE

Signature of Owner John B Jordan

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.

23297

383

125040

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this 30 day of Dec. A.D. 63 at 9:57 o'clock A. M.

Clover E. Pangburn
County Clerk and Recorder

By Marian B. Jones
Deputy

Fee Paid $ 2.00

INDEXED
FILMED

G1

Approved Stock Form—State Publishing Co., Helena, Montana—41921

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File No.....

T. 16N R. 43E

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

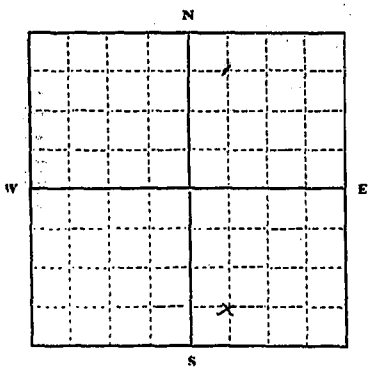
RECEIVED
DEC 13 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Northern Pacific Railway Company, of N.P.Bldg. St. Paul
(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:



SW¼SE ¼ Sec. 21 T. 16N R. 43E

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 Furnishing water for 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) 5 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 Well, drilled in 1958.

8. The depth of water table 90 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 120 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 Not available.

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

Northern Pacific Railway Company
Signature of Owner By L. H. Leibingut
Dist. Supervisor, Graz. & Cult.
Date DEC 10 1963

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

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

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

8881

140

124636

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this 10 day of Dec.

A. D. 1967 at 2:05 o'clock P M.

Charles E. Ingham
County Clerk and Recorder

By Marian R. Johnson
Deputy

Fee Paid $3.00

INDEXED
FILED

STATE ENGINEER

GV

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

26

File No.

T 16N R 43E

DUPLICATE

County GARFIELD

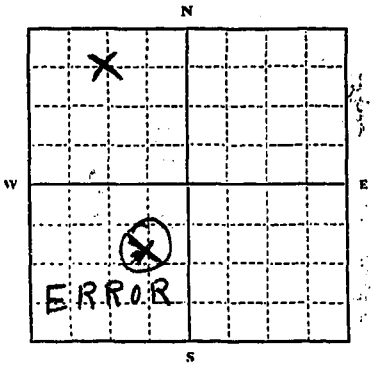
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. OLGA E JORDAN (Name of Appropriator), of CROW ROCK RTE (Address) MILES CITY (Town)
County of GARFIELD State of MONT
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW ¼ Sec. 26 T 16N R 43E

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946 - 3T4 WINTER MONTHS

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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 NONE

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal PUMP + ENGINE 1946 TO 56
PUMP + REA 1956 TO 1963

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 FLOW 2 QUARTS PER MINUTE

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater DRILLED, 4" CASING
200 FT DEEP

10. The estimated amount of groundwater withdrawn each year 177,100 NAT. FLOW

11. The log of formations encountered in the drilling of each well if available 1 TO 20 SAND + GRAVEL
21 TO 80 CLAY - 81 TO 100 SANDY
101 TO 150 CLAY - 151 T 165 SANDY - CLAY

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

Signature of Owner Olga E. Jordan

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.

23310

396

125053

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this 30 day of [illegible]

A. D. 19 63 at 10:12 o'clock A M.

[illegible]
County Clerk and Recorder

By [illegible]
Deputy

Fee Paid $ 2.00

G\

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

26

File No.....

T. 16 N R. 43 E

County GARFIELD

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

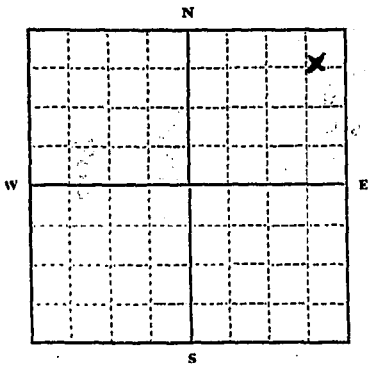
RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. OLGA E JORDAN, of CROW ROCK RTE MILES CITY
(Name of Appropriator) (Address) (Town)

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



NE ¼ Sec. 26 T. 16N R. 43E

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1938 - 3 TO 4 WINTER MONTHS

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 GALLONS 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 NONE

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal PUMP + ENGINE 1938 TO 1956 - PUMP + REA 57 TO 63 NE¼ NE¼ SEC 26 T16N R.43E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater WELL IN 1938. REA 1957

8. The depth of water table WELL FLOWS 2 QTS PER MINUTE

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater DRILLED - 4" CASING 405' DEEP DRILLER UNKNOWN.

10. The estimated amount of groundwater withdrawn each year FLOWS 177000 GPM IN 9 MONTH PUMPS 380000 GPM IN 3 MONTHS

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 record VERY GOOD WATER NO RECORDED RECORDS

Signature of Owner Olga E. Jordan

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.

23311

397

125054

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this 30 day of Dec A. D. 19 63 at 10:13 o'clock A. M.

Clara E. Langhorst
County Clerk and Recorder

By Marian R. Barnard
Deputy

Fee Paid $ 3.00

INDEXED
FILMED

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—39318

File No.....

T. 16N R. 43E

DUPLICATE

County Garfield

RECEIVED DEC 13 1963 STATE ENGINEER

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 1917.

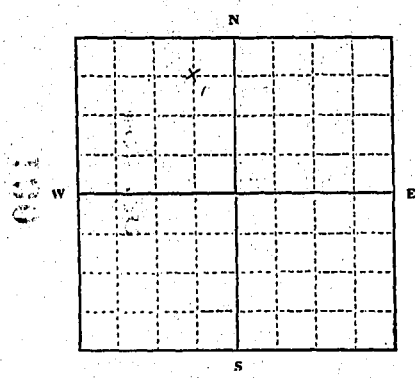
Owner Nor.Pac.Ry. Co. Address St. Paul, Minn.

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 1917.



NE¼NW¼ Sec. 27 T 16N R 43E

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 1 gallon per minute, measured over a period of time.

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

Date DEC 10 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.

8871

124626

STATE OF MONTANA
County of Garfield

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this 10 day of Dec.

A. D. 1963 11:5 o'clock P M.

Charles L. Hughes
County Clerk and Recorder

By Marie B. Jones
Deputy

Fee Paid $3.00

INDEXED
FILED

GV.

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

35

File No.....

T. 16N R. 43E

DUPLICATE

County GARFIELD

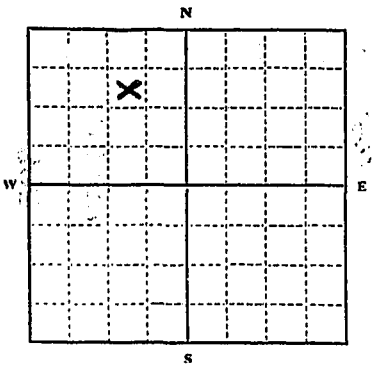
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. OLGA E. JORDAN (Name of Appropriator), of CROW ROCK RTE (Address) MILES CITY (Town)
County of GARFIELD State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 35 T. 16N R. 43E

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1949 - 3-4 WINTER MONTHS

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 NONE

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal PUMP + ENGINE 1949 TO 1956 - REA 1957 TO 63 NW4 SEC 35 T16N R43E

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

8. The depth of water table WATER FLOWS 1/2 GPM -

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater DRILLED - 4" CASING 80' DEEP

10. The estimated amount of groundwater withdrawn each year 177,000 GALLONS NAT. FLOW 388,000 PUMP.

11. The log of formations encountered in the drilling of each well if available 1 TO 12 SAND + GRAVEL 13 TO 60 CLAY - 61 TO 80 SAND

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record GOOD WATER NO RECORDS

Signature of Owner Olga E. Jordan

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.

23309

395

125052

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this 30 day of Dec

A. D. 19 63 at 10:41 o'clock A M.

Chas. E. Hopkins
County Clerk and Recorder

By Marian O. Ramel
Deputy

Fee Paid $ 2.00

Indexed ml
Filed cep

GROUNDWATER INDEX

County Garfield Twp. 167N Rge. 44E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
4	Jordan John B & A. C.	57 Stock Log		—
4	Jordan John B.	484	125041	—
6	Losinski Lawrence	483	124944	—
8	Losinski Lawrence	484	124943	—
10	Jordan John B.	484	125037	—
10	Jordan John B.	484	125036	—
17	Losinski Lawrence	484	124942	—
26	Jordan John B	484	125043	—

RECEIVED
OCT 23 1959
STATE ENGINEER

4

T. 16N R. 44E
County Garfield

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner John B. & A. C. Jordan Address Miles City, Montana
Crow Rock Rte.
Driller Henry I. Johnson Address Terry, Montana
Date Started August 18, 1959 Date Completed August 25, 1959
Location: Sec. 4 T. 16 R. 44 ¼ sec.

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

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

Casing: 0 ft. to 368 ft. Type Std pipe Size 4"
Casing: ft. to ft. Type Size
Casing: ft. to ft. Type Size
Perforated or Screened: Ft. 275 to ft. 350 Ft. to ft.
Type of screen or perforations holes
Static Water level, for non-flowing well: 115 feet.
Shut-in pressure, for flowing well: lb./sq. in. on: (date)
Pumping water level 150 feet at 5 gal. per min.
How tested: Bailer
Length of test 1 hour

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

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	15	Top soil
15	70	Yello. loam & shale
70	120	Blue shale
120	140	Sandy shale
140	162	Blue shale
262	170	Coal
170	280	Blue shale
280	340	Gray sandstone
340	368	Shale

G

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

4

File No.

T 16 N R 44 E

DUPLICATE

County GARFIELD

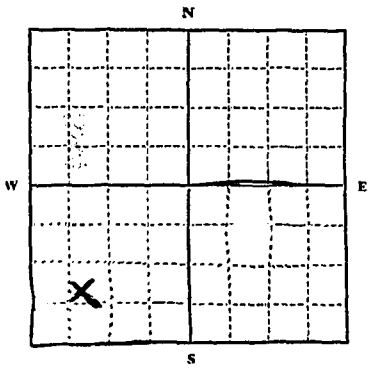
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 6 1964 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John B JORDAN (Name of Appropriator), of ROCK SPRINGS (Address) (Town)
County of GARFIELD State of MONT
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW ¼ Sec. 4 T 16 N R 44 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been ~~1955~~ - 1956 - 2 MONTHS PER TO 1961 - 6 MONTHS PER YEAR 1962 + 1963

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 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 NONE

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal REC PUMP 1 13/16" CYL. 9" PUMP PIPE - WOOD RODS 82 OSW4 SEC 4 T16N R44E ENGINE TO 1961 - REA 1962 + 63

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

8. The depth of water table 220 FT

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater DRILLED - 4" CASING - 280' DEEP

10. The estimated amount of groundwater withdrawn each year 259,200 TO 1961 777,600 - 1962 + 1963

11. The log of formations encountered in the drilling of each well if available 1 TO 20 CLAY + SHALE 21 TO 230 CLAY + COAL - 231 TO 245 SAND - 246 TO 280 CLAY

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any recorded record NO RECORDED RECORDS KNOWN WATER SUPPLY LIMITED - POOR QUALITY -

Signature of Owner John B Jordan

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.

23298

384

125041

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this 30 day of Dec. A. D. 19 63 at 10:00 o'clock A M.

Chas. E. Jones
County Clerk and Recorder

By Marion E. Jones Deputy

Fee Paid $ 3.00

Indexed 2
Filed

JW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42199

6

File No.....

T. 16 N R. 44 E

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Natural Spring

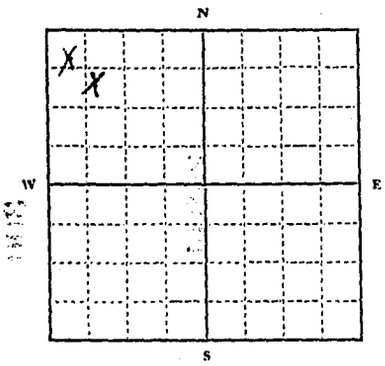
Owner Lawrence Losinski Address Rock Springs,

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 Natural Spring which runs into a cement reserve tank - 2 ft. to water, in tank.



N.W. 1/4 Sec. 6 T. 16 R. 44

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 3/4 gallon per minute -- Used about 4 months out of the year.

Signature of Owner Lawrence N Losinski

Date Dec 26 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.

14754

300

124944

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this 26 day of Dec.

A. D. 1963 at 4:25 o'clock P M.

Charles E. Montgomery
County Clerk and Recorder

By Marian E. Larson
Deputy

Fee Paid $2.00

INDEXED MJ
CHECKED CHG

GW

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

8

File No.....

T. 16N R. 44E

DUPLICATE

County Garfield

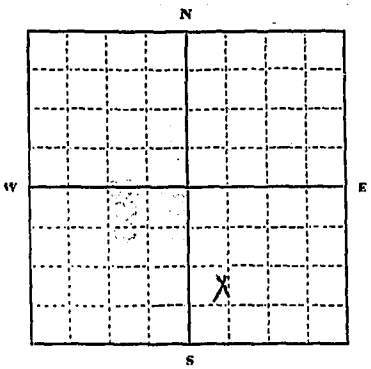
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lawrence Losinski, of Rock Springs
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ Sec. 8 T. 16 R. 44

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
Farm use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 5-26-56 and used continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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
Electricity

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
5-21-56 begun — 5-26-56 completed

8. The depth of water table 70 ft. to water

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Drilled well, 4" casing used, 150 ft. deep

10. The estimated amount of groundwater withdrawn each year 1 million gallons per year

11. The log of formations encountered in the drilling of each well if available Brown Sand, Sand Rock, Yellow Clay, Coal & Shale, Brown Clay, Brown Clay & Coal, Blue Clay, Rock, Green Clay, Coal, Blue Clay, Rock, Blue Clay, Hard Rock, Blue Clay & Coal, Blue Clay, Rock, Blue Clay, Rock, Blue Clay, Blue 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
None

Signature of Owner Lawrence N Losinski

Date Dec 26 1963

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

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

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

14753

299

124943

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this 26 day of Dec.

A. D. 1963 at 4:00 o'clock P M.

Clerk & Recorder
County Clerk and Recorder

By Marie R. Jensen
Deputy

Fee Paid $ 2.00

INDEXED MJ

FILED CEB

G\

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

10

File No.....

T 16N R 44E

DUPLICATE

County GARFIELD

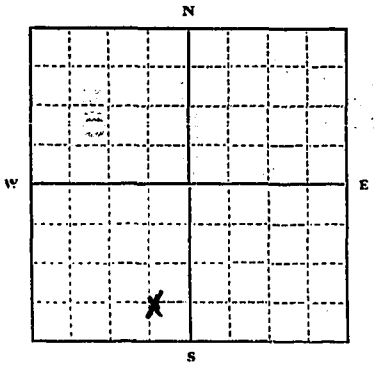
RECEIVED JAN 6 1964 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John B Jordan (Name of Appropriator), of Rock Springs (Address) (Town)
County of GARFIELD State of MONT.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW ¼ Sec. 10 T. 16N R. 44E

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1940
6 MONTHS PER YEAR - 1940 to 1963

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
NONE.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1940

8. The depth of [redacted] 100 FEET BELOW 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 WELL - 4" CASING
240' DEEP 10' WINDMILL

10. The estimated amount of groundwater withdrawn each year 478,400 GALLONS

11. The log of formations encountered in the drilling of each well if available 1 TO 125 CLAY WITH INTERMITTANT COAL + SHALE 126 to 140 SAND 141 TO 200 CLAY 201 TO 220 SAND - 221 TO 240 CLAY

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NO RECORDED RECORD.
REASONABLE SUPPLY OF WATER - GOOD FOR STOCK - UNFIT FOR HUMANS.

Signature of Owner John B Jordan

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 [illegible] otherwise the form will be returned.

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

23294

380

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this ... day of Dec.
A. D. 19... at 9:56 o'clock A M.

Chas. E. Daughters
County Clerk and Recorder

By ... Deputy

Fee Paid $ 2.00

INDEXED
FILED

G\

Approved Stanford Publishing Co., Helena, Montana 43224

10

File No.

T. 16N R 44E

DUPLICATE

County GARFIELD

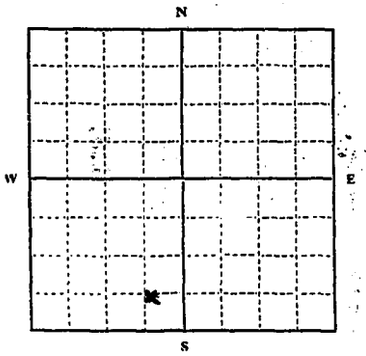
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John B JORDAN (Name of Appropriator), of ROCK SPRINGS (Address) (Town)
County of GARFIELD State of MONT.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW ¼ Sec. 10 T. 16N R. 44E

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1936 - 6 MONTHS PER YEAR SINCE 1936

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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 NONE

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal REG. PUMP + GAS ENGINE 1936 to 1961 1962 + 63 REA SE4SW4 SEC 10 - T 16N R 44E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater WELL + PUMP 1936 REA 1962

8. The depth of water table 110 FEET

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater DRILLED - 4" CASING 150' DEEP 2½" PUMP CYL. 1¼" PUMP PIPE

10. The estimated amount of groundwater withdrawn each year 432,000 GALLONS

11. The log of formations encountered in the drilling of each well if available 1 to 125 CLAY WITH INTERMITTANT COAL OR SHALE, 126 TO 140 SAND 141 TO 150 CLAY

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record CONSIDERABLE COAL + SHALE WATER SUPPLY VERY LIMITED - GOOD STOCK WATER UNFIT FOR HUMAN USE

Signature of Owner John B Jordan

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.

23293

379

125036

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this 30 day of Dec.
A. D. 19 65 at 9:55 o'clock A M.

Charles E. Pangburn
County Clerk and Recorder

By Merna R. James
Deputy

Fee Paid $ 2.00

Crs

GW

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

File No.

T. 16 N R. 44 E

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

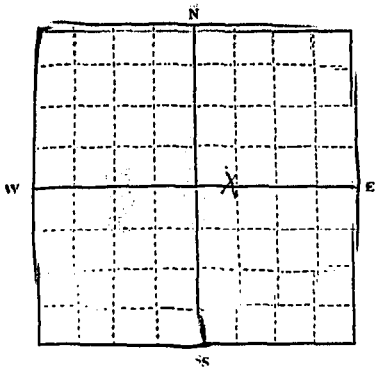
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lawrence Losinski, of Rock Springs
(Name of Appropriator) (Address) (Town)

County of Garfield State of Montana

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



NE ¼ Sec. 17 T. 16 R. 44

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 Well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1943, and used continuously since

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 9-15-43 begun -- 9-16-43 Completed

8. The depth of water table: 80 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled well, 4" casing used, 225 ft. deep

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

11. The log of formations encountered in the drilling of each well if available: Brown Sand, Sand Rock, Yellow Clay, Coal & Shale, Brown Clay, Brown Clay & Coal, Blue Clay, Rock, Green Clay, Coal, Blue Clay, Rock, Blue Clay, Rock (hard), Blue Clay & Coal, Blue Clay, Rock, Blue Clay, Rock, Blue Clay, Blue Sand, Quick Sand.

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

Signature of Owner Lawrence Losinski

Date Dec 26, 1963

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

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

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

14752

298

124942

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana this 26 day of Dec

A. D. 1963 at 3:55 o'clock P M.

Charles E. Langhan
County Clerk and Recorder

By Merrie R. James
Deputy

Fee Paid $ 2.00

Recorded MJ
Filed CE

G

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

C76

File No.

R 44E

DUPLICATE

GARFIELD

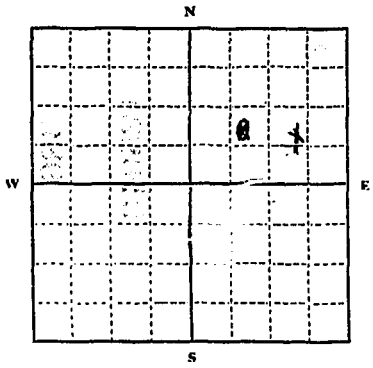
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. John B Jordan, of Rock Springs
(Name of Appropriator) (Address) (Town)
County of GARFIELD State of MONT.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ Sec 26 T 16N R 44E

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1944 6 MONTHS PER YEAR SINCE 1944

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 G.P.M. FOR LIVESTOCK PLUS IRRIGATION WATER IF SUFFICIENT

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 NE4 SE 26 T 16N R 44E
John B Jordan

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal REC PUMP + WINDMILL SE¼NE¼ SEC 26 T16N R44E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1944

8. The depth of water table 37'

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 - 4" CASING - 120 FT DEEP

10. The estimated amount of groundwater withdrawn each year 776,600 gallons

11. The log of formations encountered in the drilling of each well if available 1' to 35' Clay 36' to 40 COAL WITH SOME WATER. 41 TO 110' CLAY WITH SOME SHALE + COAL - 111' TO 120' SHALE WITH UNLIMITED SUPPLY OF 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 LARGE SUPPLY OF WATER. NO FACILITIES TO CHECK AMOUNT — VERY GOOD DRINKING WATER NO RECORDED RECORDS

Signature of Owner John B Jordan

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.

23300

386

125043

STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this 30 day of Dec A. D. 19 63 at 10:00 o'clock A M.

Chas. E. Langhurst
County Clerk and Recorder

By Marcia R. Jones Deputy

Fee Paid $ 2.00

INDEXED

FILED

GROUNDWATER INDEX

County Garfield Twp. 15N Rge. 30E.

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
2	Lowton Vernon	482	134847	
26	Continental Oil Company	57 Drill Log		
26	Continental Oil Company	57 Drill Log		
27	Moon Robert (R.B.)	484	121736	

134847

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—50551

File No.....

MONTANA WATER RESOURCES BOARD
RECEIVED
JAN 30 1970

T. 15 R. 30

DUPLICATE

County Garfield

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION 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)

Owner Vernon Rowton Address Mosby, Mont.

Driller Munson Drilling Co. Address Grass Range, Mont.

Date of Notice of appropriation of groundwater not applicable

Date well started dec. 12, 1969 Date completed Jan. 15, 1970

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 ☐

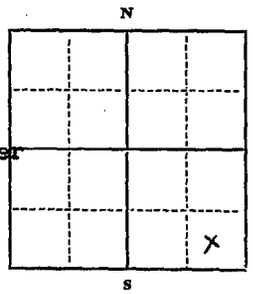
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

LOG

Top of Ground	
0 to 3	(Elev. above sea level.....)
3 to 41	surface soil
41 to 480	shale, silty
480 to 840	cavey heavey shale few bentonite streaks
840 to 908	fractured shales calcite layers
908 to 1003	shale and hard calcite sand layers
1003 to 1127	sandy shale streaks of limey sand First Cat Creek Tops
1127 to 1249	40% sand-shale-sandy lime streaks
1249 to 1280	sandy shale-chert streaks some clay streaks Kootenay Tops
1280 to 1375	very cavey shale
1375 to 1398	limey sand-green clay streaks limey shale (fractured)
1398 to 1411	grey sand (tite)
1411 to 1428	calcerous- chunky lime base slate Third Sand Tops
1428 to 1472	hard limey fine grained sand - fractured
1472 to 1473	breaking down to sandy chunks of salt and pepper sand Excellent porosity
1473 T.D.	very hard streaks- iorn pyrites in sample

Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
12"	8 5/8	0	41'			
6 3/4		41	1411			
6 3/4"	4½"-9.5#	1411	0			
3 7/8"		1441	1473			



SE ¼ SE Sec. 2 T. 15 R. 30

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

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

Shut-in Pressure for Flowing Well 80#

Pumping Water Level.....feet at.....gal. per minute.

Discharge in gal. per min. of flowing well 300+

How Tested.....

Length of Test.....

Remarks: (Gravel packing, cementing, packers, type of shutoff) surface cemented 41'-0' Long string cementd in by Halliburton- 1411' to approximately 1150'

(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).

Doc. No. 134847
Filed for record this 28 day of January A.D. 19 70, at 1:30 o'clock P M.

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.

26
Driller's License Number

B. M. Munson
Driller's Signature.

46125

841

134847

Roarton, Vernon
To
Public The
G. W. Well Appropriation

STATE OF MONTANA }
County of Garfield }

Filed for record this 28 day of
Jan A. D. 19 70 at 4:30
o'clock P M and duly recorded in Book
Pages
Charles E. Langburn
County Clerk and Recorder
By Delpha E. Armstrong
Deputy
Fee Paid $ 2.00

26

RECEIVED
SEP 21 1957
STATE ENGINEER

T. 15N R. 30E

County Garfield

Government-Antelope Lease, Well #2

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

x			

Owner Continental Oil Co. Address Box 878, Powell, Wyoming

Driller ..... Address .....

Date Started 6-7-26 Date Completed 6-22-26

Location: Sec. 26 T. 15N R. 30E ¼ sec. SW NW

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

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

Industrial [X] Drainage [ ] Other: Water flooding

Casing: [illegible] ft. to 1474 ft. Type [illegible] Size 6 5/8"

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 Open hole

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

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

Pumping water level 1274 feet at 30 BW/No. gal. per min.

How tested: Tank test

Length of test .....

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

Water to be used for water flooding. At present, well is producing oil and water.

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	60	Gray shale
60	65	Mosby Sand
65	120	Blue shale
120	510	Gray shale
510	520	Blue shale
520	720	Gray shale
720	790	Blue shale
790	800	Gray shale
800	820	Blue shale
820	970	Gray shale
970	1040	Sandy shale
1040	1070	Blue shale
1070	1110	Sandy shale
1110	1137	Water sand
[illegible]	1160	Green shale
[illegible]	1170	Black shale
[illegible]	1185	Green shale
1185	1200	Dry sand
1200	1220	Green [illegible]
1220	1285	Gray [illegible] shale
1285	1305	Red [illegible]
1305	1315	Pink shale
1315	1320	Broken sand and shale
1320	1345	Red shale
1345	1385	Water sand

RECEIVED
SEP 21 1957
STATE ENGINEER

26

T. 15N R. 30E

County Garfield

Government-Antelope Lse, Well #1

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Continental Oil Co. Address Box 878, Powell, Wyoming

Driller Address

Date Started 3-30-22 Date Completed 4-16-22

Location: Sec. 26 T. 15N R. 30E ¼ sec. S½ NW

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

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

Industrial [X] Drainage [ ] Other: Water flooding

Casing: Surface ft. to 1434 ft. Type 20 lb Size 6 5/8"

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 Open hole

Static level for non-flowing well: feet.

Static pressure for flowing well: lb./sq. in. on: (date)

Pumping water level 1434 feet at 0 gal. per min.

How tested: Tank test

Length of test

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
Water to be used for water flooding. At present well is producing oil and water.

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled	From	To	
0	6	Mosby Sand	1240	1260	Red shale
6	1023½	Gray and black shale	1260	1262	Green shale
1023½	1029	Hard sand	1262	1334	Pink & gray shale
1029	1037	Black sandy shale	1334	1336	Sand
1037	1040	Light gray shale	1336	1344	Black sandy shale
1040	1043	Sand	1344	1350	Sand
1043	1066	Gray and dark shale	1350	1357	Pink shale
1066	1067	Sand	1357	1376	Sand
1067	1075	Gritty shale	1376	1384	Red shale
1075	1080	Sand	1384	1397	Sand
1080	1089	Gritty shale	1397	1398	Red shale
1089	1097	Hard sandy lime	1398	1403	Sand
1097	1118	Hard sandy shale	1403	1434	Red shale
1118	1130	Light sandy shale	1434	1439	Bentonite
1130	1140	Sand (water)	1439	1443	Sand (water)
1140	1142	Shale			
1142	1152	Water sand			
1152	1196	Bentonite			
1196	1202	Sand			
1202	1204	White sand			
1204	1207	Sand			
1207	1210	White shale			
1210	1221	Sand			
1221	1224	White shale			
1224	1240	Sand			

GV

27

File No.....

T.15 N. R. 30 E.

DUPLICATE

County Garfield

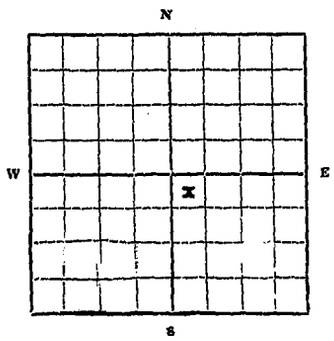
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAY 9 1962
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I R. L. Moss, also known as Robert Moss, of Mosby
(Name of Appropriator) (Address) (Town)
County of Garfield State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW¼NW¼ SE¼ Sec. 27, T15N R30E

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, domestic use and irrigation of NW¼SE¼ Sec. 27-15-30.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Approximately May of 1923 and continuously thereafter

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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 NW¼SE¼ of Section 27-15-30, owned by R. L. Moss

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Free flowing artesian well located in center of NW¼NW¼SE¼ Section 27-15-30.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced and completed approximately May of 1923.

8. The depth of water table approximately 1200 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 approximately 1200 feet of 10" casing into hole drilled 3100 feet deep discharging into three discharge pipes ranging from 2" to 3/4".

10. The estimated amount of groundwater withdrawn each year 5,256,000 gallons

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

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

Signature of Owner R. L. Moss
Also known as Robert Moss
Date January 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.

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STATE OF MONTANA }
County of Garfield }

Filed in the office of the County Clerk and Recorder of Garfield County, State of Montana, this 8 day of May A. D. 19 62 at 8:10 o'clock A. M.

Cora Dreyer
County Clerk and Recorder

By _____
Deputy

Fee Paid $ 2.00