80987

RECEIVED
1960

STATE ENGINEER

T. 11 R. 52 34

County Prairie

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

WATER WELL LOG

Owner: Russel Martinson Address: Terry, Montana

Driller: Ira C. Bond Address: Terry, Montana

Date Started: May 1, 1960 Date Completed: May 5, 1960

Location: Sec. 34 T. 11 R. 52 ¼ sec. SE¼ SW¼

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: surface ft. to 124 ft. Type: steel Size: 4"

Casing: ft. to ft. Type: Size:

Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. 107 to ft. 115 Ft. to ft.

Type of screen or perforations: burned holed

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

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

Pumping water level: 114' feet at 4 gal. per min. gal. per min.

How tested: bailed

Length of test: two hours

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

(over)

80787

RECEIVED
MAY 8 1960
STATE ENGINEER

T. 11 R. 52 34

County: Prairie

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Russel Martinson Address: Terry, Montana

Driller: Ira C. Bond Address: Terry, Montana

Date Started: May 1, 1960 Date Completed: May 5, 1960

Location: Sec. 34 T. 11 R. 52 ¼ sec. SE¼ SW¼

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

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

Industrial [ ] Drainage [ ] Other:

Casing: Surface ft. to 124 ft. Type: steel Size: 4"

Casing: ft. to ft. Type: Size:

Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. 107 to ft. 115 Ft. to ft.

Type of screen or perforations: burned holed

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

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

Pumping water level: 114' feet at 4 gal. per min. gal. per min.

How tested: bailed

Length of test: two hours

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	10	yellow cla y
10	15	sand stone
15	21	yellow clay
21	21	cool seep of water
21	43	gumbo
43	44	coal
44	48	sand
48	106	gumbo
106	108	coa l
108	114	sand
114	122	gumbo

Approved Stock Form—State Publishing Co., Helena, Montana—41921 No. 35

File No.....

T. 11N R. 52

County PRAIRIE

DUPLICATE

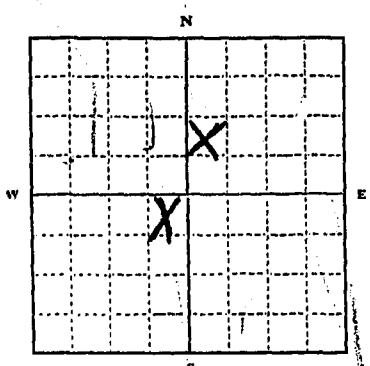
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Edwin L. Sohle, of TERRY
(Name of Appropriator) (Address) (Town)
County of PRAIRIE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 35 - 11 - 52
NE 1/4 Sec. 35 T. 11 R. 52

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since 1920 for well in N.E. well in S.W since 1934

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gals per min well N.E. 6 gals per min. S.W.

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 By the means of pumps thereon

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater N.E. Well in 1920 S.W. well in 1934

8. The depth of water table N.E. well 24 ft. S.W. well 12 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 N.E well is rock up 4 3 ft. square Hole
S.W. well rock up 5 ft. diame

10. The estimated amount of groundwater withdrawn each year 35,000 gals each well

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

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

Signature of Owner Ed L Sohle
Date Dec. 16, 1963

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

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

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

10479

85350

FILED

at 9:30 o'clock A M.

DEC 17 1963

County Clerk

Deputy

Fee 2.00 Pd.

GROUNDWATER INDEX

Page ____ of ____

County PRAIRIE Twp. 11N Rge. 53E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	MEIDINGER, HAROLD	GW-2	84980	
7	HAIDLE, FRED	GW-4	85600	
7	PRAIRIE COUNTY GRAZING DIST.	WATER WELL LOG	82545	
15	TENNANT, ORVAL	GW-4	85521	
17	TENNANT, ORVAL	GW-4	85522	
22	HAUGHAWAUT, EDGAR B.	GW-4	85605	
22	HAUGHAWAUT, E.B.	WATER WELL LOG	82005	
22	TENNANT, ORVAL	GW-4	85524	
24	GASTON, JOHN W.	GW-4	85603	
28	RANDALL, CHAN	GW-2	94060	
28	TENNANT, ORVAL	GW-4	85523	
29	RANDALL, CHAN	GW-2	92844	
31	SOLLE, EDWIN L.	GW-4	85347	
31	SOLLE, EDWIN L.	GW-4	85348	
35	KRANZLER, RICHARD	GW-4	84032	
26	BUREAU LAND MANAGEMENT	GW-2	94847	GRAMMAR WELL
7				

GW 2

File No.....

DUPLICATE

Flowing Well

T. 11 N R. 53 E

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 25 1963
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.....)

0-14 Topsoil
14-25 Brown Gravel
25-30 Blue Shale
30-35 Rock
~~35 140 Blue Shale~~
35 240 Blue Shale
240-290 Blue Sandstone
290-550 Blue Shale w/ coal seams
550-570 Blue Sandstone
570-780 Blue Shale
780-870 Gray Shale
870-871 Rock
871-900 Sandy Shale
900-960 Light Sandstone

Owner Harold Midingr Address Fallon Mont.

Driller Henry Johnson Address Terry Mont

Date of Notice of Appropriation of Groundwater —

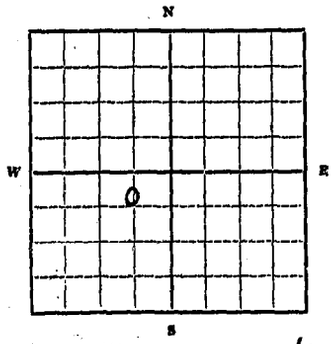
Date well started Sept. 20 Date Completed Oct 15

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" ID 9½#	0	370	—	—	—
3 7/8	2 ID 3.65#	350	960	Holes 3/8"	870	960



NE ¼ SW Sec. 1 T. 11 R. 53

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

Static Water Level for non-flowing Well — feet.

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

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

Discharge in gal, per min. of flowing well 15

How Tested Flow Length of Test 30 min

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.

22
Driller's License Number

Henry I Johnson
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.

6646

84980

FILED
at 1:15 o'clock P.M.
OCT 24 1963
County Clerk
Deputy
Fee 2.00 Pd

GW

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

File No.

T. 11 N R. 53 E

DUPLICATE

County Prairie

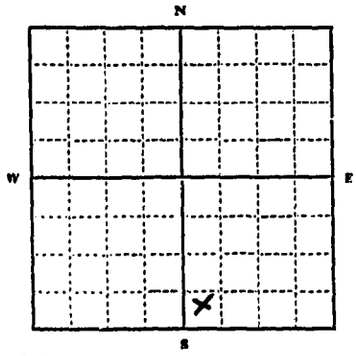
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Fred Haidle (Name of Appropriator), of Fallon (Address) (Town)
County of Prairie State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ Sec. 7 T. 11 R. 53

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct. 11, 1961 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 17 gallon

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Oct. 11 1961 - Completed Oct. 4 1961 - Started

8. The depth of water table 730 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 765 ft. depth - 5" casing - Western Well Casing - 1 Siphon

10. The estimated amount of groundwater withdrawn each year 8,895,200 gals

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 Fred Haidle

Date Dec. 31-1963

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

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

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

24941

85600

FILED
at 4:30 o'clock P. M.
DEC 31 1963
County Clerk
Deputy
Fee 2.00

82545

T. 11 R. 53 7

County Prairie

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
STATE ENGINEER

WATER WELL LOG

		X	

Owner Grazing District (Prairie Co.?) Address Terry, Montana

Driller Johnson Water Well Service Address Terry, Mont.

Date Started Oct. 11, 1961 Date Completed Oct. 18, 1961

Location: Sec. 7 T. 11 R. 53 ¼ sec. SE

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 30 ft. Type Std. Size 6"

Casing: 0 ft. to 765 ft. Type Std. Size 2"

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 720 to ft. 765 Ft. to ft.

Type of screen or perforations Holes

Static Water level, for non-flowing well: 0 feet.

Shut-in pressure, for flowing well: 2½ lb./sq. in. on: Oct. 26, 1961 (date)

Pumping water level 0 feet at 17 gal. per min.

How tested: Flow

Length of test Indef.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
Packer set at 210 Ft.

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	10	Sandy soil
10	26	Gravel
26	45	Dark Shale
45	90	Gray Shale
90	95	Coal
95	178	Gray Shale
178	190	Dark Shale
190	190½	Rock
190½	365	Gray Shale
365	366	Rock
366	370	Fine Dark Shale Sand
370	720	Gray Shale, Soft and Consistent
720	735	Sandstone
735	735½	Rock
735½	765	Sandstone
765	780	Gray shale (Soft and Sandy)

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

File No.

T. 11 N. R. 53

DUPLICATE

County Prairie

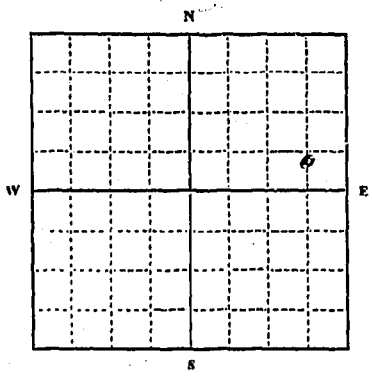
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Orval Lemmert (Name of Appropriator), of Baker (Address) (Town)
County of Prairie State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ Sec 15 T 11 R 53

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 1943

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

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
Artesian

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

8. The depth of water table 790 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 860 ft. 4 inch casing Drilled - George Atkins Driller

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

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 Orval Lemmert

Date 28 Dec 63

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

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

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

24864

85521

FILED

at 4:35 o'clock P. M.

DEC 30 1963

County Clerk

Deputy

Fee 2.00 Pd.

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

File No.

DUPLICATE

T. 11 N. R. 53

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

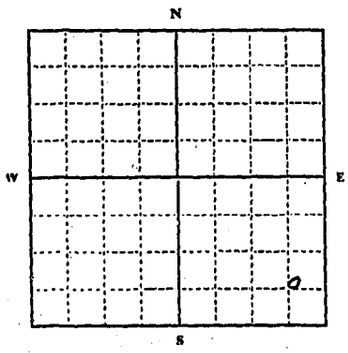
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ORVAL TENNANT (Name of Appropriator), of BAKER (Address) (Town)

County of PRAIRIE State of MONT.

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



SE ¼ Sec. 17 T. 11 R. 53

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 Fall & Winter pasture

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1943 — Continuous use.

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

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

8. The depth of water table 780 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 Artesian — 4 inch Casing — 800 ft. Bailed well by owner.

10. The estimated amount of groundwater withdrawn each year 6,000,000 gals.

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 Orval Tennant

Date 28 Dec 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.

24865

85522

FILED
at 4:35 o'clock P. M.
DEC 30 1963
County Clerk
Deputy
Fee 2.00

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

File No. .....

T. 11 N R. 53 E 22

DUPLICATE

County Prairie

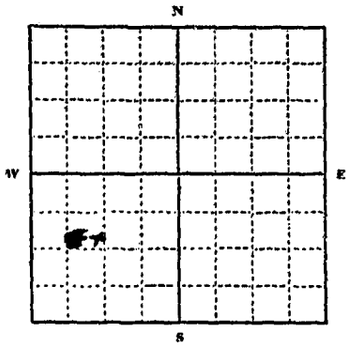
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 6 1964 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Edgar L. Haughawout, of Meldrich
(Name of Appropriator) (Address) (Town)
County of Prairie State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ Sec. 22 T. 11 R. 53

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1961 - August
Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 gals.

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 August - 1961

8. The depth of water table 12 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 14 ft - 4' x 4' curbed - Dug

10. The estimated amount of groundwater withdrawn each year 1,839,600 gals.

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 Edgar L. Haughawout

Date 12/31/63

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

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

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

24946

85605

FILED
at 4:30 o'clock P M.
DEC 31 1963
County Clerk
Deputy
Fee 2.00

22

82005

T..... R.....

County Prairie

RECEIVED

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

WATER WELL LOG

Owner E.B. Haughsmont Address Mildred, Mont.

Driller Henry I Johnson Address Terry, Mont

Date Started Nov. 5, 1960 Date Completed Nov. 11, 1960

Location: Sec. 22 T. 11 R. 53 ¼ sec. NE ¼ SW ¼

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 30½ ft. Type Std. Size 6"

Casing: 24 ft. to 91 ft. Type Std Size 4"

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 15 to ft. 25 Ft. 68 to ft. 72

Type of screen or perforations Holes

Static Water level, for non-flowing well: 16 feet.

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

Pumping water level 0 feet at 2 gal. per min.

How tested: Bailer

Length of test 1 Hr.

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	2	Top Soil
2	15	White Sandy Formation
15	19	Gravel and Sand
19	20	Rock
20	26	Sandstone
26	30	Sandy Shale
30	68	Blue Shale
68	72	Coal
72	90	Shale Blue

G\

Approved Stock Form—State Publishing Co., Helena, Montana—4223

File No.....

T. 11 N R. 53 E 22

County Prairie

DUPLICATE

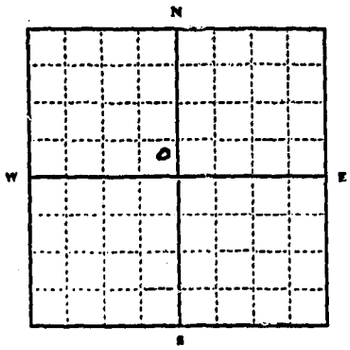
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 6 1964 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ORVAL TENNANT of BAKER
(Name of Appropriator) (Address) (Town)
County of PRAIRIE State of MONT
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW ¼ Sec. 22 T. 11 R. 53

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 Summer & Fall pasture

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

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 Windmill

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

8. The depth of water table 10 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 Cased with 6 in pipe with a cylinder installed

10. The estimated amount of groundwater withdrawn each year 575,000 gals Unavailable

11. The log of formations encountered in the drilling of each well if available
Water in 29 ft Artesian
Drilled by Hart O Donnell, Baker, Mont

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 Orval Tennant

Date 28 Dec 63

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

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

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

24867

85524

FILED
at 4:35 o'clock P.M.
DEC 30 1963
County Clerk
Deputy
Fee 2.00

OW

File No.

DUPLICATE

Section 1000

RECEIVED
MAY 25 1964
STATE ENGINEER

Professional Stock Forms - Alma Publishing Co., Helena, Montana 42234

T. 11 N R. 53 E

County Phillips

24

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

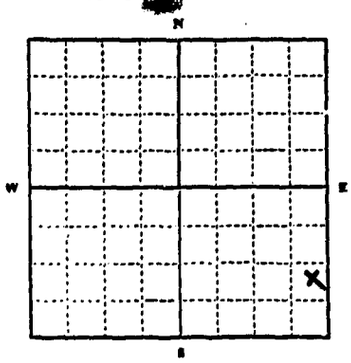
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John W. Gaston, of Malta
(Name of Appropriator) (Address) (Town)

County of Phillips State of Montana

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



SE ¼ Sec. 24 T. 11 R. 53

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1938

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

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 1938

8. The depth of water table 16 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 25 ft. - 24 in casing - dug

10. The estimated amount of groundwater withdrawn each year 3,628,000 gals

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 John W. Gaston

Date 12/31/63

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

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

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

24944

85603

FILED
at 4:30 o'clock P M.
DEC 31 1963
County Clerk
Deputy
Fee 2.00

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
SEP 14 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Prairie 28

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 Glan Randall

Address Mildred, Montana

For Administrator's Use
File 94060
Sept. 13, 1972 - 9:45 a.m.
GW 1

Date well started 10/20/71

completed 10/27/71

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

Equipment used Rotary (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

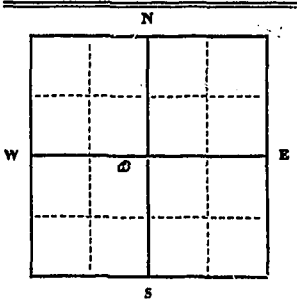
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 1/4"	4" ID 11#	+1	180	N O	N E	
4 1/2"	2" ID 3.7#	180	785	Holes 3/8"	615	785



Static water level Flow ft.*
Pumping water level ft.*
at 1 gallons per minute,
measured 20 minutes after pumping began.
*Measured from ground level.
Well developed by Pumping
for 2 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) Well pumped at 15 gpm.

NE 1/4 SW 1/4 Sec. 28
T. 11 (N) S R. 53 (E) W

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

Driller's Signature Joe Jon Johnson

Driller's Address Joe Johnson Drlg., Terry, Montana

LICENSE NO. 154

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)	
0	50	Topsoil & Very Sandy Brown Sand
50	70	Blue & Brown Clay
70	73	Rock
73	94	Gumbo & Clay
94	115	Coal stringers of Clay
115	170	Gray & Brown Clay with stringers of Coal & Rock
170	194	Clay & Gumbo
194	195	Rock
195	208	Gray Clay
208	212	Coal
212	270	Blue & Gray Clay & Gumbo
270	278	Sandstone
278	281	Rock
281	290	Clay
290	293	Coal
293	322	Clay & Gumbo with stringers of Rock & Coal
322	325	Rock
325	331	Sandstone
331	350	Blue Clay
350	374	Sandstone
374	377	Sandrock
377	380	Sandstone
380	392	Rock
392	485	Sandstone with stringers of Clay
485	487	Stringer of Coal
487	430	Gray & Brown Clay
430	435	Coal
435	448	Gray Shale
448	450	Rock
450	468	Shale
468	471	Very Hard Rock
471	478	Shale
478	480	Rock
480	488	Shale & Rock
488	498	Soapstone
498	500	Rock
500	528	Shale
528	531	Rock
531	545	Shale
545	552	Shale & Stringers of Rock
552	568	Sandstone & Stringers of Rock
568	580	Clay & Shale
580	584	Soapstone
584	600	Clay & Gumbo
600	660	Gumbo & stringers of Sand
660	715	Sandstone
715	785	Sandstone with stringers of Clay

785 Show exact depth of bottom

51,369

94060

Water Well Log

Shan Randall

to

The Public

FILED

at 9:45 o'clock A.M.

SEP 1 2 1972

John D. Lindell

County Clerk

Helen Pastatt

Deputy

Fee 2.00 pd

GV

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

File No.....

T. 11 N R. 53

DUPLICATE

County Prairie

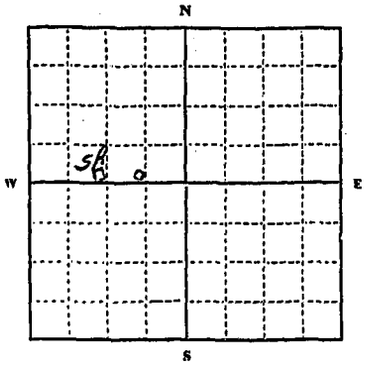
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 6 1964 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ORVAL TENNANT (Name of Appropriator), of BAKER (Address) (Town)
County of PRAIRIE State of MONT
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W.1/4 Sec. 28 T. 11 R. 53

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 Ranch building + pasture — Spring fed pasture

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Unknown (about 50 yrs ago) Spring dev. in 1962

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 gal per minute natural flow — Spring flow 15 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 natural flow + jet pump

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

8. The depth of water table first artesian sand 550 second 750

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 Unknown

10. The estimated amount of groundwater withdrawn each year 1,152,000 gals. Spring - 290,000 gals.

11. The log of formations encountered in the drilling of each well if available not available Spring comes from Coal formation

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 Orval Tennant

Date 28 Dec 63

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

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

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

24866

85523

FILED
at 4:35 o'clock P. M.
DEC 30 1963
County Clerk
Deputy
Fee 2.00

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

County PRAIRIE 29

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MONTANA WATER RESOURCES
RECEIVED
MAR 25 1971

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 Chan Randall

Address Terry, Montana

For Administrator's Use
File 92844
March 24, 1971
9:40 a.m.
GW 1

Date well started 12/14/70

completed 12/21/70

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

Equipment used Air Rotary (Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

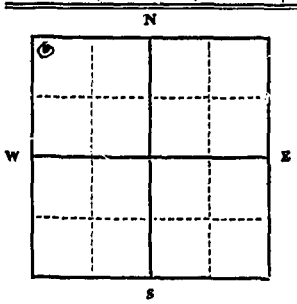
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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)
6¼"	4" ID 11#/ft.	0	355	N O N E		
4½"	2" ID 3.7#	355	1060	Holes 3/8"	863	1011



NW ¼ NW ¼ Sec. 29
T. 11 (N) R. 53 (E)
S W

Static water level 146 ft.*
Pumping water level 175 ft.*
at 6 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by Air
for 5 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) Well developed 5 hours by air from 340'; producing 30 gal. + per minute. 3 packers set to hold back sea mud.

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

Driller's Signature Joe Johnson

Driller's Address Joe Johnson Drlg., Terry, Montana

LICENSE NO. 154

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)	
0	36	Yellow Sandy Soil
36	165	Blue Gumbo with stringers of Coal
165	215	Coal & Black Gumbo
215	355	Gumbo with stringers of Rock & Coal
355	473	Gumbo
473	476	Rock
476	502	Sandstone & stringers of Gumbo
502	615	Blue Clay
615	650	sandstone and stringers of sandrock
650	727	Clay
727	731	Rock
731	863	Clay
863	865	Rock
865	1011	Flow Sand & stringers of Clay
1011	1060	Shale

Show exact depth of bottom 1060

48259

92844

Water Well Log
Shan Randell
to
The Public

FILED
9:40 o'clock A.M.
MAR 24 1971
Deputy
Deputy
200 fd.

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

File No.....

T. 11 N R. 53 E 31

DUPLICATE

County PRAIRIE

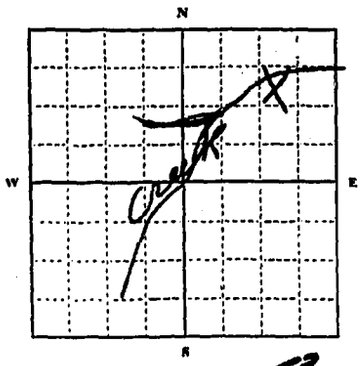
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Edwin L. Sollie (Name of Appropriator), of Terry (Address) (Town)
County of PRAIRIE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ Sec. 31 T. 11 R. 53

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 Water Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1958

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 gals per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof None

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

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

8. The depth of water table 11 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 two well side by side dams of each 5 ft. one well runs into the other combining them together for one well Rock up

10. The estimated amount of groundwater withdrawn each year 180,000

11. The log of formations encountered in the drilling of each well if available None

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

Signature of Owner Ed L Sollie

Date Dec. 16, 1963

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

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

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

10476

85347

FILED
at 9:30 o'clock A M.
DEC 17 1963
County Clerk
Deputy
Fee 2.00 Pd

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

File No.....

T. 11 R. 53

County PRAIRIE

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 19 1963 STATE ENGINEER

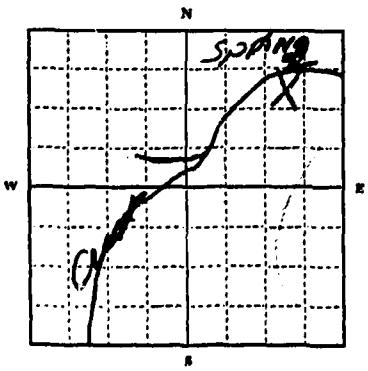
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Edwin L. Sollie (Name of Appropriator), of (Address) TERRY (Town)

County of PRAIRIE State of Montana

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



N.E. ¼ Sec. 31 T. 11 R. 53

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been since 1921 used every since

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

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 Seeps out of ground

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 The water seeps out a Couple hundred feet along the creek

10. The estimated amount of groundwater withdrawn each year 104,250 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 E. L. Sollie

Date Dec. 16, 1963

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

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

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

10477

~~85349~~ 85348

FILED
at 9:30 o'clock A M.
DEC 17 1963
County Clerk
Deputy
Fee 2.00 Pd

GW

File No.....

DUPLICATE

T. 11 N R. 53

County Prairie

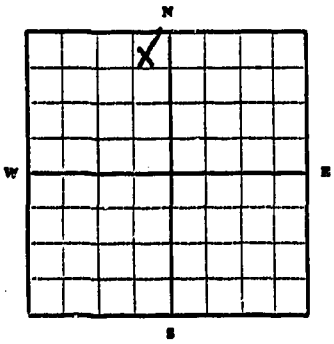
RECEIVED
DEC 27 1962
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Richard Kronzler (Name of Appropriator), of Mildred (Address) (Town)
County of Prairie State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼NE Sec. 35 T. 53 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 Water

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

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

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 N.A.

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

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

8. The depth of water table 7 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 Hand dug 4 Ft dim 10 Ft Deep 1½ pipe & Windmill

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

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 Richard Kronzler

Date.....

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

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

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

2870

84032

Water Well Log

Richard Kroengler

to

The Public

FILED

at 4:00 o'clock P M.

DEC 26 1962

County Clerk

Fee $22.00

Deputy

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
MAY 29 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Prairie

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.

Gramma Well

Owner Bureau of Land Management

Address Miles City, Montana

Date well started 3/29/73

completed 3/31/73

For Administrator's Use
File 94847
May 24, 1973
GW 1 9:20 a.m.

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

Equipment used Air Rotary (Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

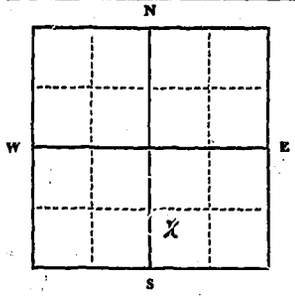
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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)
7 7/8"		0	40			
6"		40	137	slots 1/8 X6"	90	137
	6" OD 18.97#	+1	97			
	5" OD 15#	93	137			



SW ¼ SE ¼ Sec. 26
T. 11N N/S R. 53 E E/W

Static water level 90 ft.*
Pumping water level 115 ft.*
at 6 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by Air
for 2 hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) Set perforated 6" casing in quicksand & gravel packed in attempt to develop water at 30'. Unsuccessful. Then drove 6" casing down to 98'.

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

Driller's Signature Joe J. Johnson

Driller's Address Joe Johnson Drlg., Terry, Montana

LICENSE NO. 154

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)	
0	10	Sand Brown
10	30	Brown Sand
30	40	Gray Sand
40	70	Gray Sandstone
70	80	Gray Sandstone
80	90	Gray sandstone & coal
90	100	Gray sand
100	110	Sand wt. 4' of hard rock
110	120	Gray sandstone
120	137	Clay & stringers of coal

137 Show exact depth of bottom

53.269

94847

94847

FILED

at 9:20 o'clock A.M.

MAY 24 1973

County Clerk

Deputy

GROUNDWATER INDEX

Page ____ of ____

County PRAIRIE Twp. 11N Rge. 54E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	RUFF, CHRISTINA	GW-4	85560	
2	BUECHLER, FRED J.	GW-2	84120	
2	BUECHLER, RAYMOND	GW-2	89222	
[redacted]				
4	BUREAU OF LAND MANAGEMENT	GW-4	84299	
7	EHMAN, HENRY	GW-2	89415	
7	EHMAN, HENRY	WATER WELL LOG	81931	
11	MATHIASON, ERLING & ADOLPH	GW-2	84924	
12	MATHIASON, ADOLPH	GW-2	89719	
12	MATHIASON, ERLING	GW-4	86645	
19	GASTON, JOHN W.	GW-4	85604	
20	BUREAU OF LAND MANAGEMENT	GW-4	84287	
20	BUREAU OF LAND MANAGEMENT	GW-2	93443	
28	MATHIASON, OSCAR	GW-4	85507	
29	MATHIASON, ADOLPH	GW-4	82819	
30	KRANZLER, RICHARD	GW-4	84032	
31	KRANZLER, RICHARD	GW-4	84032	
32	ESKRO, RENO	WATER WELL LOG	82280	
33	MATHIASON, ERLING	GW-4	85504	
33	MATHIASON, ERLING	GW-4	85505	
35	MATHIASON, OSCAR	GW-4	85508	

GW

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

File No. .....

T. 11 R. 54

DUPLICATE

County Prairie

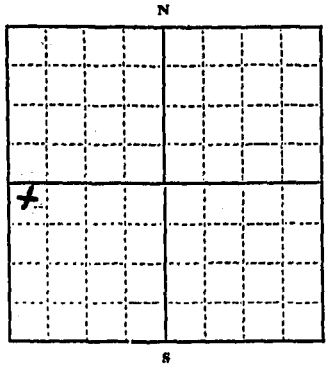
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Christina Ruff, of Terry
(Name of Appropriator) (Address) (Town)
County of Prairie State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.W. 1/4 Sec. 1 T. 11 R. 54

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: 1920 — Continuous

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

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: unknown

8. The depth of water table: 90 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 - 6 in. Casing - 140 ft.

10. The estimated amount of groundwater withdrawn each year: 2,628,000 gals.

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: Christina Ruff

Date: 12-31-63

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

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

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

24901

85560

FILED
at 2:30 o'clock P. M.
DEC 31 1963
County Clerk
Deputy
Fee 2.00

GW 2

File No.....

DUPLICATE

no date of completion

T. 11 N R. 54 E

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN. 14 1963 STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Fred J. Buechler Address Terry, Montana

Driller Frank Bandy Jr. Address Broadus, Montana

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

Date well started..... Date Completed.....

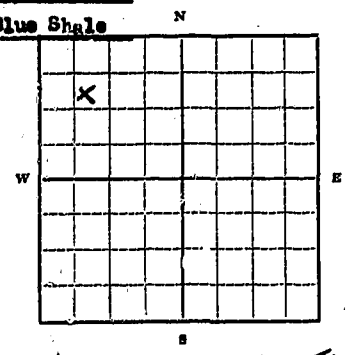
Type of well Drilled (dug, driven, bored or drilled) Equipment Used Rotary (Churn, drill, rotary or other)

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.

Top of Ground	
(Elev. above sea level.....)	
8	Surface Soil
206	Sand
111	Coal
428	Blue Shale
427	Hard Rock
526	Blue Shale
710	Sandy Shale
[illegible]	Sand Rock
800	Sand Stone
845	Water Sand Dry
907	Blue Shale
1014	Water Sand
1020	Blue Shale

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
4"	11 lb	0	240			
2"	4 lb	240	1020	Slashes	910	1010



NW ¼ Sec. 2 T. 11 R. 54

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

Static Water Level for non-flowing Well 70 feet.

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

Pumping Water Level 120 feet at 15 gal. per minute.

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

How Tested..... Length of Test.....

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

Show exact depth of bottom. 1020 Ft.

No 16
Driller's License Number

Frank Bandy Jr
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.

3272.

84120

Water Well Log
Fred J. Buchler
Tom Campbell

FILED
at 12:20 o'clock P. M.
Oct 1 0 1963
County Clerk
Deputy
Fee 2.25 pd

GW 2

MONTANA WATER RESOURCES BOARD Approved Stock Form—State Publishing Co., Helena, Montana—41933

RECEIVED

OCT 16 1967

File No.....

DUPLICATE

T. 11N R. 54

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF 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.....)

0'-3' Topsoil
3-15 Brn. Sand
15-20 Gray Shale
20-28 Brn. Sandy Shale
28-35 Yellow Sand
35-65 Brn. Sand
65-68 gray Shale
68-70 Coal

Owner Raymond Buckles Address Fallon, Mont

Driller Joe Johnson Address Terry, Mont

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

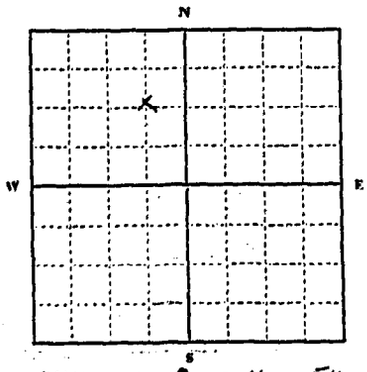
Date well started 9/6/67 Date Completed 9/9/67

Type of well Drilled (dug, driven, bored or drilled) Equipment Used Rotary (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)
8"	6" I.D. 19.18#/Ft.	0'	70'	Holes 3/8"	31'	51'



NW¼ Sec. 2 T. 11 R. 54

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

Show exact depth of bottom.

Static Water Level for non-flowing Well 36 feet.

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

Pumping Water Level 40 feet at 5 gal. per minute.

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

How Tested Pumped 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).....

154
Driller's License Number

Joe Leon Johnson
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.

42,399

89222

FILED
at [illegible] o'clock [illegible] M.
OCT 13 1967
[illegible] County Clerk
[illegible] Deputy
Fee [illegible]

Helena Independent Record

File No.....

DUPLICATE

T. 11 N. R. 54 E.

County Prairie

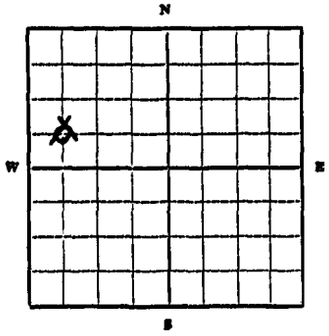
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 18 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Bureau of Land Management, of Box 960, Miles City
(Name of Appropriator) (Address) (Town)
County of Custer State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW¼NW Sec. 4 T11N R54E

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 1947 - continuous

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Windmill - SW¼NW¼ of Sec. 4

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1947

8. The depth of water table 138'

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 138' deep, 4" casing, 33' Dempster tower, 10' wheel.

10. The estimated amount of groundwater withdrawn each year 1,500,000 gal.

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
BLM file No. M3-R-218

District Manager
Arthur A. [illegible]

Date 1-22-63

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

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

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

3677

84299

FILED
at 4 o'clock P. M.
FEB 15 1963
County Clerk
Fee 2.00
Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4564.

7

File No. ..... MONTANA WATER RESOURCES BOARD

RECEIVED

DUPLICATE

LOG DEC 1 1967

T. 11 R. 54

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

0-15 yellow sand + Gravel
15-25 blue gumbo
25-30 coal + black gumbo
30-70 blue gumb with st. coal + Rock
70-73 Rock
73-85 Blu Gumbo
85-125 Rock & Gray Sandstone
125-135 Strks of Coal & blu Gumbo
135-150 Gray Slate
150-180 Coal & strks of Slate
180-205 Gray Sandy Slate
205-210 Rock
210-315 Gra. Slate & strks of Coal
315-370 Blu & Gray Gumbo / strks of Rock
370-394 Hard Rock
394-450 Sandstone & strs of Gumbo
450-550 Blu Slate - str. of Coal
550-600 Blu Sandstone
600-725 Blu Slate
725-740 Rock
740-820 Gray Slate
820-825 Rock
825-890 Coarse Blu Sand
890-930 Slate
930-1002 fine Blu Sand

Owner Henry Ehman Address Fallon, Mont.

Driller Joe Johnson Address Terry, Mont.

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

Date well started Nov 13, '67 Date completed Nov 16, '67

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)
6 1/4	4" I.D. 11#/f	0	105			
4 1/2	2" I.D. 3.7#/f	105	1002	Holes 3/8"	825 930	885 1002

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

Shut-in Pressure for Flowing Well 10#

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

Discharge in gal. per min. of flowing well 20 gpm

How Tested open flow

Length of Test 24 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff) Cemented with 11 sack cement. 2" & 4" welded together

N
W E
S

..... ¼ Sec. 7 T. 11 N. R. 54

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).

Show exact depth of bottom. 1002

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.

154
Driller's License Number

Joe Lon Johnson
Driller's Signature

42,579

89415

FILED
at 1:10 o'clock P.M.
NOV 29 1967
County Clerk
Deputy
Fee 12.00

81931

7

T. 11 R. 54

County Prairie

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
MAR 20 1961
STATE ENGINEER

WATER WELL LOG

N

W E

S

Owner Mr Henry Ehman Address Fallon, Montana

Driller Johnson Water well Service Address Terry Montana

Date Started 10-24-58 Date Completed 10-24-58

Location: Sec. 7 T. 11 R. 54 ¼ sec. SW¼ NW¼

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: .....

Casing: 0 ft. to 64 ft. Type 5" Galv. tin Size .....

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

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

Perforated or Screened: Ft. 30 to ft. 64 Ft. ..... to ft. .....

Type of screen or perforations Slotte

Static Water level, for non-flowing well: 45 feet.

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

Pumping water level 60 feet at approx 2 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)

GW 2

File No.....

DUPLICATE

T. 11 N R. 54 E

County Prairie

RECEIVED OCT 2 1963 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF 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.....)

0 - 8 yellow Loam
8 - 42 Light Brown Loam
42-85 yellow Sand
85-88 Coal
88-100 Blue Sandstone

Owner Orling & Adolf Mathiason Address Milbank Mont

Driller Terry I. Johnson Address Terry Mont

Date of Notice of Appropriation of Groundwater N A

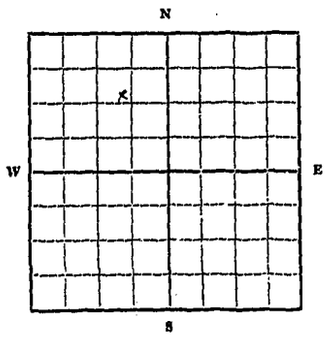
Date well started July 10 63 Date Completed Sept 28 63

Type of well Drilled (dug, driven, bored or drilled) Equipment Used Cable tool (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" I D 9½ LB.	0	101	Holes 3/8	68	100



NW ¼ Sec. 11 T. 11 R. 54

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

Static Water Level for non-flowing Well 66 feet.

Shut-in Pressure for Flowing Well N A

Pumping Water Level 85 feet at 15 gal. per minute.

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

How Tested Bailer Length of Test 1 hr.

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.

22
Driller's License Number

Terry I Johnson
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.

6,40

84924

FILED
at 3 o'clock
SEP 30 1963
County Clerk
Fee 2.00
Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4564

12

File No.....

MONTANA WATER RESOURCES BOARD
RECEIVED
FEB 15 1968

T. 11N R. 54E

DUPLICATE

County Prairie

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

0 -	2	Topsoil
2 -	40	yellow sandy clay
40 -	42	coal
42 -	50	yellow gumbo
50 -	60	gray shale
60 -	105	yellow sandstone
105 -	110	gray shale
110 -	114	coal
114 -	148	gray shale

Show exact depth of bottom.

148'

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Adolph Mathiason Address Mildred, Montana

Driller Joe Johnson Drilling Address Terry, Montana

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

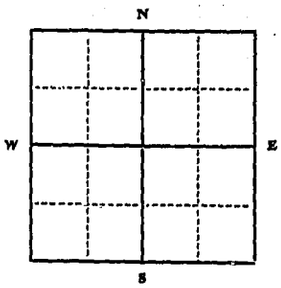
Date well started 1/17/68 Date completed 1/17/68

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" ID 11#/ft.	+6"	148'	Holes 3/8"	95'	135'



SW ¼ Sec. 12 T. 11N R. 54E

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

Static Water Level for non-flowing well 98' feet.

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

Pumping Water Level 125' feet at 4 gal. per minute.

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

How Tested bailer tested

Length of Test 90min.

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).

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.

154
Driller's License Number

Joe Jon Johnson
Driller's Signature

43,020

89719

FILED
at 2:30 p.m. o'clock ..... M.
FEB 14 1968
Clerk
Fee ..... Deputy

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

File No.

DUPLICATE

RECEIVED DEC 31 1964 STATE ENGINEER

T. 11N R. 54E

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 6 1964 STATE ENGINEER

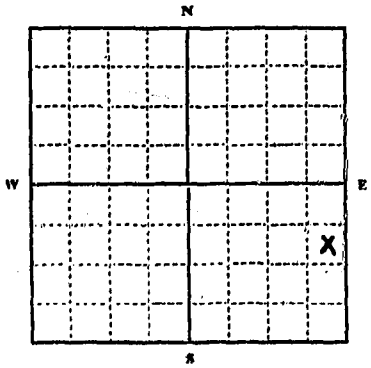
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Erling Mathiesen (Name of Appropriator), of Milford (Town) (Address)

County of Prairie State of Montana

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



SE ¼ Sec. 12 T. 11 R. 54

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. Household & Stock watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1978 – Continuous

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Commenced & Completed 1978

8. The depth of water table. About 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 – 5 inch casing – 146 ft deep

10. The estimated amount of groundwater withdrawn each year. 1,500,000 gallons

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

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

Doc. no. duplicated

Signature of Owner Erling Mathiesen

Date Dec. 23-1963

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

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

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

24850

86645
~~85568~~

FILED
at 11:40 o'clock A M.
DEC 30 1963
County Clerk
Deputy
Fee 2.00

GV

Approved Stock Form—State Publishing Co., Helena, Montana—41234

File No.

T. 11 N. R. 54

DUPLICATE

County

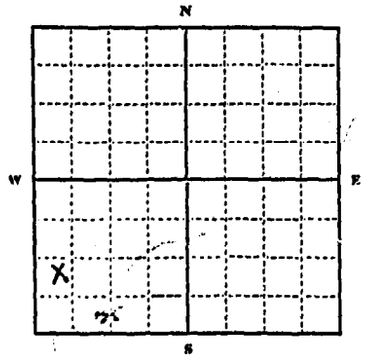
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John H. Gaston, of Wilbert
(Name of Appropriator) (Address) (Town)
County of Pearce State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.W. 1/4 Sec. 19 T. 11 R. 54

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 - household - & irrigate

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1951 - Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gals.

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 Artesian

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

8. The depth of water table 160 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 400 ft. - 2 in. within 1 in. Casing - Drilled

10. The estimated amount of groundwater withdrawn each year 7,884,000 gals.

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 John W. Gaston

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.

24945

85604

FILED
at 4:30 o'clock P M.
DEC 3 1 1963
County Clerk
Deputy
Fee 2.00

—Helena Independent Record

File No.

DUPLICATE

T. 11 N R 54 E.

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

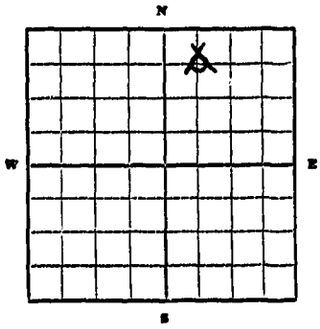
RECEIVED

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Bureau of Land Management, of Box 940, Miles City
(Name of Appropriator) (Address) (Town)
County of Custer State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW ¼ NE Sec 20 T. 11N R 54E

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 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 gal/min.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Windmill - NWNE of Sec. 20

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 135'

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
135' deep, 4" standard casing, Monitor 10' mill, 35' tower.

10. The estimated amount of groundwater withdrawn each year 1,500,000 gal.

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
BLM file No. M2-E-217

District Manager Arthur H. Zimmerman

Date 1-22-63

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

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

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

3665

84287

FILED
at 4:10 o'clock P. M.
FEB 15 1963
County Clerk
Fee 2.00
Deputy