85744

FILED

at 11:32 o'clock A.M.

FEB - 6 1964

County Clerk

Deputy

Fee 2.00 pd.

Helena Independent Record

File No.....

DUPLICATE

T. 11 N. R. 51 E.

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

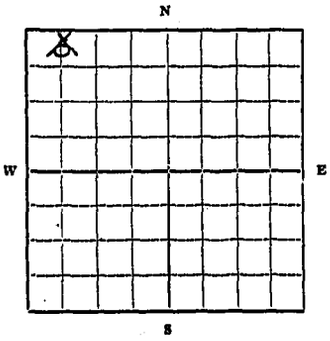
RECEIVED
FEB 18 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Bureau of Land Management, of Box 960, Miles City, Montana
(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 NW Sec. 8 T. 11N R. 51E

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 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 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, NW¼NW¼ of Sec. 8

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater completed June, 1936

8. The depth of water table 150' (est.)

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, standard 4" casing, 25' tower, 4' Aermotor head.

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 The estimated amount of groundwater withdrawn each year 1,500,000

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 BLM file No. M3-H-588, water is fit for human consumption.

District Manager Arthur W. 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.

3669

84291

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

9

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

County Prairie

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1952
STATE ENGINEER

WATER WELL LOG

Owner R. L. Tibbett Address Terry, Mont

Driller Unknown Address

Date Started Date Completed

Location: Sec. 9 T. 11 R. 51 ¼ sec. SE ¼

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 130 ft. Type Std Size 4"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. Unkn to ft. Ft. to ft.

Type of screen or perforations Unkn

Static Water level, for non-flowing well: 105 feet.

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

Pumping water level 120 feet at 5 gal. per min.

How tested: Pump

Length of test

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

Formations unknown

(over)

82814

FILED
at 5:00 o'clock P M.
DEC 29 1961
County Clerk
Fee 1.00
Deputy

12

81931

T. 11 R. 52

County Prairie

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
MAR 17 1961
STATE ENGINEER

WATER WELL LOG

Owner Gerald Tusler Address Terry, Montana

Driller Ira C. Bond Address Terry, Montana

Date Started December 16, 1959 Date Completed Dec21, 1959

Location: Sec. 12 T. 11 R. 52 ¼ sec. NE of the NE

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 97 ft. Type Steel Size 6 inch

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. none to ft. Ft. to ft.

Type of screen or perforations

Static Water level, for non-flowing well: 80 feet.

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

Pumping water level 93 feet at 4 gal. per min.

How tested: with Bailer

Length of test three hours

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

Graveled from 95 down to 108

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	37	Yellow Clay
37	45	Gravel with a little quicksand
45	86	Sandy yellow clay
86	92	Gravel and water
92	108	Gumbo

C—Helena Independent Record

14

File No.....

DUPLICATE

T. 11 N. R. 51 E.

County Prairie

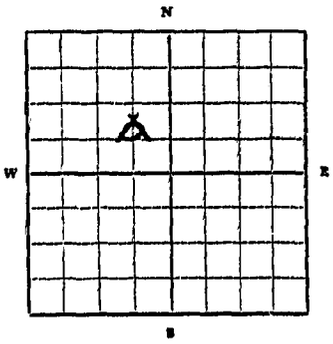
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 18 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Bureau of Land Management (Name of Appropriator), of Box 960, Miles City, Montana (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:



SE ¼ NW Sec. 14 T. 11N R. 51E

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) 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, SE¼NW of Sec. 14

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 4/17/46 starting date - - - 4/22/46 completion date.

8. The depth of water table 80'

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, 6" casing, 80' deep.

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. M3-2-386

District Manager ~~Superintendent~~ Arthur W. 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.

3668

84290

FILED
at 4:10 o'clock P. M.
FEB 15 1968
County Clerk
Fee 2.00
Deputy

14

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

County Prairie

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner R. L. Tibbetts Address Terry, Mont

Driller Unknown Address

Date Started Date Completed

Location: Sec. 14 T. 11 R. 51 ¼ sec. NW ¼

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 120 ft. Type Gal Size 4"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations

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

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

Pumping water level 65 feet at 8 gal. per min.

How tested: Pump

Length of test 1 hr

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

Formations unknown

(over)

82813

FILED
at 5:00 o'clock P M.
DEC 29 1961
Clerk
County Clerk
Fee 1.50
Deputy

Approved Stock Form—State Publishing Co., Helena, Montana—38567

File No.

T. 11N R. 51E

DUPLICATE

County Prairie

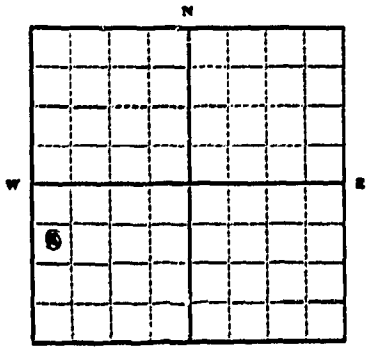
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 18 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Arnold H. Falkenstern, 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:



W ¼ SW Sec. 15 T. 11 R. 51

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 stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been well drilled in fall of 1947 or has been continuous since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 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 water is drawn by windmill and pump jack

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

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 well has no casing, is 80 feet deep

10. The estimated amount of groundwater withdrawn each year 350,000 gal

11. The log of formations encountered in the drilling of each well if available sand all of the 80 feet

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 Arnold H. Falkenstern

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.

9845

85340

FILED
at 2:00 o'clock P.M.
DEC 16 1963
County Clerk
Deputy
Fee 2.00 pd.

17

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—46805

MONTANA WATER RESOURCES BOARD
RECEIVED
DEC 1 1967

File No.....

T. 11 N R. 51 E

DUPLICATE

County Prairie

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

(Elev. above sea level 2595)

0-130 Sand, Yellow

130-140 Sand & gravel, Yellow

140-143 Sand & gravel, Yellow

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 Bureau of Land Management Address Miles City, Montana

Driller Joe Johnson Address Terry, Montana

Date of Notice of appropriation of groundwater N.A.

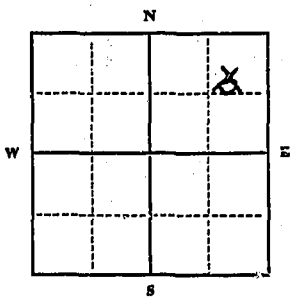
Date well started 10/30/67 Date completed 10/31/67

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)
8"	6"-19.18#/ft.	+1	142	Slots ¼"x6"	120	142



NE ¼ NE Sec. 17 T. 11N R. 51E

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

Static Water Level for non-flowing well 1 feet.

Shut-in Pressure for Flowing Well N.A.

Pumping Water Level 130 feet at 6.4 gal. per minute.

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

How Tested Bailing

Length of Test 1 Hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff) N.A.

(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).

N.A.

Show exact depth of bottom.

(Martin Well M3-R-2290)

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 Jean Johnson
Driller's Signature.

42,659

FILED
at 2:00 o'clock A M.
DEC 4 1967
County Clerk
Deputy
Fee 2.00 pd

Approved Stock Form—State Publishing Co., Helena, Montana—38687 18

File No. SW

DUPLICATE

T. 11N R. 51E

County Prairie

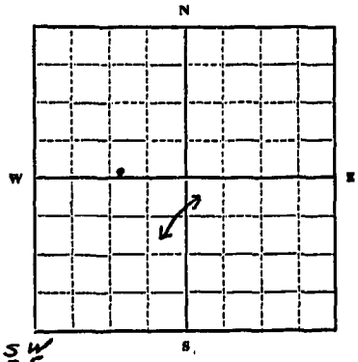
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED SEP 18 1962 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lester Jens (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:



SW SE NW/4 Sec. 18 T. 11 R. 51E

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 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 - 15

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 Open 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 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

10. The estimated amount of groundwater withdrawn each year 7,884,000 gals 525,600 gals

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 Lester Jens

Date Sept 17, 1962

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

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

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

2120

83606

FILED
at 11:30 o'clock A.M.
SEP 17 1962
County Clerk
Fee 5.00
Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—42325

STATE WATER CONSERVATION BOARD

File No.....

DEC 22 1965

T. 11 N. R. 51 E. 21

DUPLICATE

County Prairie

Bill McDermott
Logan McCloskey
Co. Morton
Darlinton Sullivan
Dickert

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 2586)

0 to 40	Coarse sand - light
40 to 70	Fine sand - dark
70 to 80	Coarse sand - light
80 to 90	Fine sand - light
90 to 100	Coarse sand - light
100 to 110	Fine sand - light
110 to 130	Fine sand - light - water 128 static water level
130 to 141	Fine sand - light - water
141 to 144	Clay Bottom of hole

Show exact depth of bottom.

Grassy Tops Well
M3-R-1471 - Arnold Falkenstern

Owner B. L. M. Address.....

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

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

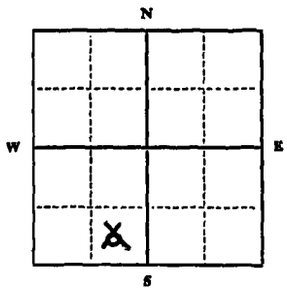
Date well started..... Date completed.....

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7 7/8"	6" I.D. 18.79 lb/ft.	+ 1	144	Slot 1/8" x 10"	123	143



SE 1/4 NW Sec 21 T 11N R 51E

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

Static Water Level for non-flowing well 128 feet.

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

Pumping Water Level 135 feet at 5 gal. per minute.

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

How Tested Bailing and pumping

Length of Test 8 hrs.

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.

No 2
Driller's License Number

Wyde C. McKeehan
Driller's Signature

40108

87651

FILED

at 1:15 o'clock P. M.

DEC 20 1965

Ellen Hamilton
County Clerk

Deputy

Fee 2.00 Pd.

GT

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

22

File No.....

T. 11 N R. 5 E

County Prairie

DUPLICATE

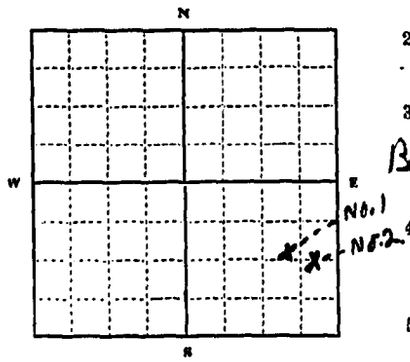
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John Kuehn (Name of Appropriator), of Terry (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 22 T. 11 R. 51

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 watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Both 1950 – Continuous and since that date

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
Pumps on both

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

8. The depth of water table No. 1 – [redacted] – 75 ft
No. 2 – [redacted] – 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
Both drilled, 4 inch casing – No. 1 – 90 feet deep
No. 2 – 95 " "

10. The estimated amount of groundwater withdrawn each year 100,000 gallons – 2 wells

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 Kuehn
Date Dec. 13-1963

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.

9409

85326

FILED
at 5:00 o'clock P. M.
DEC 13 1963
County Clerk
Deputy
Fee 2.00

G1

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

File No.

T. 11N R. 51E

DUPLICATE

County prairie

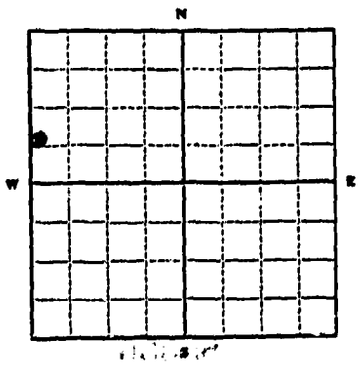
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 18 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Arnold H. Falkenstein (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:



W ¼ NW Sec. 35 T. 11 R. 51

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 stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Sept. 1947 (drilled) used 9 or 10 months of every year since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) ~~[illegible]~~ 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 ~~water is~~ ~~withdrawn by windmill and gasoline~~ jack, W½ NW

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

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 20 ft total depth with first ten 1 ft in dia and last ten ft 2 ft in dia.

10. The estimated amount of groundwater withdrawn each year 810,000 gals

11. The log of formations encountered in the drilling of each well if available The first ten ft were clay and last ten ft were coarse sand and gravel.

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 Arnold H. Falkenstein

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.

(9841)

85336

FILED
at five o'clock P.M.
DEC 16 1963
County Clerk
Deputy
Fee

GV

Approved Stock Form—State Publishing Co., Helena, Montana—3687

28

File No.....

T. 11N R. 51E

DUPLICATE

County Prairie

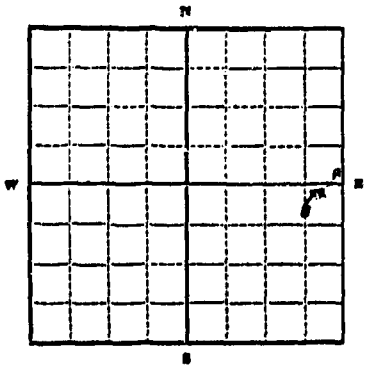
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 18 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Arnold H. Falkenstein, 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:



.....¼..... Sec. 28 T. 11 R. 51

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been well no A about 40 years well no B June 1956

4. The amount of groundwater claimed (in miner's inches or gallons per minute) well no A 7 gal per minute well no B 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 well no A used for yard and garden 1 acre owner Arnold H. Falkenstein

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Both wells have electric pumps located about fifteen feet apart.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater well no A drilled about forty years ago. well no B drilled June 1956

8. The depth of water table well no A 125 ft. well no B 190 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 well no A has dug and casing 135 ft deep well no B has dug and casing 130 ft down and bottom of well on 170 ft.

10. The estimated amount of groundwater withdrawn each year well no A 120,000 gal. well no B 40,000 gal.

11. The log of formations encountered in the drilling of each well if available well no A sand 13 ft down to clay well no B sand 13 ft down to clay for 170 ft bottom of well

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

Arnold H. Falkenstein

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.

9842

85337

FILED
at 3:00 o'clock P.M.
DEC 16 1963
County Clerk
Deputy
Fee 2.00 paid

GV

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

33

File No.....

F

T. 11N R. 51E

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

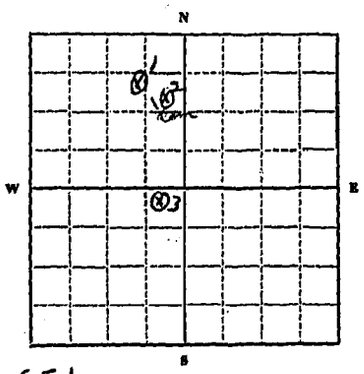
RECEIVED
DEC 18 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Arnold H. Falkenstern 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:



SE¼ NE¼ Sec. 33 T. 11 R. 51

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. stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. these are springs the dam has been built about 1936

4. The amount of groundwater claimed (in miner's inches or gallons per minute) No. 1 - 8 gal per minute No. 2 - 4 gal No. 3 - 7 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. these springs and one dam

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

8. The depth of water table.

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

10. The estimated amount of groundwater withdrawn each year. Spring No. 2 - 2,102,400 gal Spring No. 1 - 4,204,800 gal No. 3 - 3,679,200 gal

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 Arnold H. Falkenstern

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.

9844

85339

FILED
at 3 p.m. o'clock P.M.
DEC 16 1963
E. Glen Johnston
County Clerk
Deputy
Fee $2.00

G

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

34

File No.....

T. 11 N R. 51 E

DUPLICATE

County Prairie

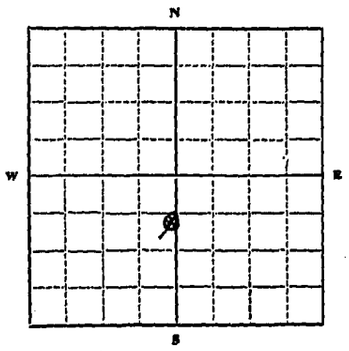
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 18 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Arnold H. Falkenstern, 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:



NE¼ SW Sec. 34 T. 11 R. 51

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 for house and yard also stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been have been using this water since 1956

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 9 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 about 2 acres used to irrigate shelter belt, garden and yard located in E½ SW Sec. 34 T. 11 R. 51 owned by Arnold H. Falkenstern

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater spring developed in fall of 1955 dam built in 1957

8. The depth of water table

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater water is piped down from the spring and there is also a pipe from the dam to the shelter belt and yard the overflow from the spring runs into the dam

10. The estimated amount of groundwater withdrawn each year 4,380,000 gals

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 Arnold H. Falkenstern

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.

9843

85338

FILED
at 3:00 o'clock P.M.
DEC 16 1963
County Clerk
Deputy
Fee 1.00

18

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

County Prairie

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1962
STATE ENGINEER

WATER WELL LOG

Owner R.L.Tibbetts Address Terry, Montana

Driller Henry I. Johnson Address Terry, Montana

Date Started May 18 1959 Date Completed May 25, 1959

Location: Sec..... T..... R..... ¼ sec.....

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:.....

Casing: 0 ft. to 85 ft. Type Std. Size 8"

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

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

Perforated or Screened: Ft. 68 to ft. 85 Ft..... to ft.....

Type of screen or perforations Holes and slots

Static Water level, for non-flowing well: 50' feet.

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

Pumping water level 55' feet at 10 gal. per min.

How tested: Bailer

Length of test 1hr.

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	Sandy Top Soil
10	65	Sand and Gravel

FILED
at 5 o'clock P M
DEC 29 1965
County Clerk
Fee 1.00
Deputy

82816

GROUNDWATER INDEX

Page ___ of ___

County PRAIRIE Twp. 11N Rge. 52E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
4	GAUB, CARL	WATER WELL LOG	82002	
5	GRANDEY, C.W.	GW-2	89009	
6	EMPEY, ROBERT N. & ANNA G.	GW-3	85512	
9	RATH, ROBERT	WATER WELL LOG	82785	
10	BUREAU OF LAND MANAGEMENT	GW-2	87650	
15	BUREAU OF LAND MANAGEMENT	GW-2	93442	
17	BUREAU OF LAND MANAGEMENT	GW-2	85746	
23	RATH, ROBERT	GW-4	85431	
26	SOLLE, EDWIN L.	GW-4	85349	
30	KUEHN, JOHN	GW-4	85325	
30	OLSON, ORLANDO	GW-4	84045	
30	OLSON, ORLANDO	GW-4	84045	
32	OLSON, ORLANDO	GW-4	84045	
34	MARTINSON, RUSSELL J.	GW-4	85577	
34	MARTINSON, RUSSELL	WATER WELL LOG	80987	
35	SOLLE, EDWIN L.	GW-4	85350	

82002

T..... R..... 4

County....Prairie

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
STATE ENGINEER

WATER WELL LOG

Contractor: Carl Gaub ..... Address....Terry, Mont

Driller Henry I Johnson ..... Address....Terry, Mont

Date Started Oct 11, 1960 ..... Date Completed Oct. 26, 1960

Location: Sec. 4 T. 11 R. 52 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 [X] Irrigation [ ]

Industrial [ ] Drainage [ ] Other:.....

Casing:....0....ft. to....350....ft. Type....Std. Pipe.... Size....4"

Casing:....328....ft. to....1025....ft. Type....Std. Pipe.... Size....2"

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

Perforated or Screened: Ft....610 960.... to ft....630 980.... Ft....840.... to ft....870....

Type of screen or perforations....Holes

Static Water level, for non-flowing well:....126 Ft.....feet.

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

Pumping water level....140.....feet at ....6.....gal. per min.

How tested:....Pumping

Length of test....4 hrs.

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	13	Top Soil and Loam
13	17	Gravel
17	30	Yellow Loam and Yellow Shale
30	240	Dark Blue Shale w/ Coal seams
240	280	Dark sandy water baring formation
280	340	Dark Blue shale
340	610	Lighter blue gray shale
610	~~[illegible]~~ 630	Blue sandstone
630	765	Dark blue shale
765	773	Coal
773	840	Dark blue shale w/ coal seams
840	870	Blue sandstone.
870	940	Blue shale (real tough)
940	948	Brown shale
948	960	Blue shale
960	976	intermittent sandstone and rock shifts
976	1025	Hard dark blue shale apparently no more sandstone

GW 2

File No.....

DUPLICATE

STATE WATER CONSERVATION BOARD

JUL 10 1967

T. 11 R. 52 5

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)

Owner C. W. Grundey Address Terry, Montana

Driller Ira C. Bond Address Terry, Montana

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

Date well started Nov. 22, 1966 Date Completed Nov. 30th, '66

Type of well Drilled (dug, driven, bored or drilled) Equipment Used cable (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.

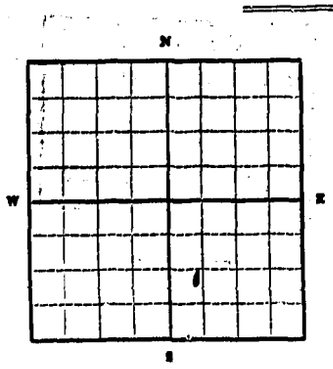
Top of Ground

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

2	black sandy top soil
14	brown clay
16	gray gumbo
1	hard rock
35	blue sticky gumbo
9	brow clay
1	coal
14	gumbo
2	rock
8	gumbo
2	dry sand
22	gumbo
6	water sand 1 gal min.
4	gumbo
12	gumbo with streaks of sand
4	hard coal
9	gumbo streaks of sand
1	rock
20	gumbo and sand streaks
1	hard
21	gumbo
2	water sand ½ gal
1	gumbo
11	gumbo with sand st.
30	water sand 12 gal min
2	gumbo
250	feet

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)
5 5/8" 4"	surface	surface	198'			
		198	250			
	4" ID	surface	198			
	3" ID	198	250	1/8" slots	229	250



SW ¼ SE Sec. 5 T. 11 R. 52

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

Static Water Level for non-flowing Well 190 feet.

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

Pumping Water Level 200 feet at 10 gal. per minute.

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

How Tested Bailer Length of Test 2 hours

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) .....

57
Driller's License Number

Ira C. Bond
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.

42,126

89009

FILED
at 3:30 o'clock P.M.
JUL 7 1967
County Clerk
Deputy
Fee 4.20

GW3

File No.....

DUPLICATE

E

T 11 North R 52 East

County.....

RECEIVED
JAN 6 1964
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 About 1890

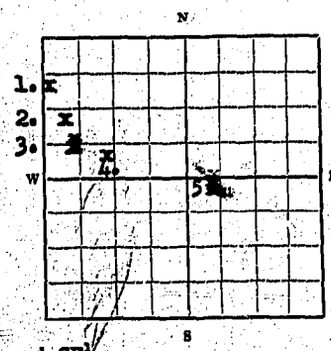
Owner Robert N. Empey, deceased & Anna G. Empey Address Chandler, Arizona

Contractor (if any) .....

Address of Contractor .....

Date Started About 1890 Date Completed.....

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. subirrigation of meadows between springs 1 to 4. By spring flow of all five springs, with very good flow from spring no. 4. Water from spring no. 2 is also used to irrigate 2 to 3 acres of alfalfa and garden. Spring 3 is piped to feeding corral. Spring 4 is piped to large watering tank. Spring 5 is piped to a smaller tank.



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. The water of all five springs is used the year around for stockwater. Spring 2 is used during the summer months for irrigating 2 to 3 acres. Spring 2 also has a spring house over it.

N½ and SE¼ ¼ Sec. 6 T. 11N R. 52 E.

Signature of Owner Robert N. Empey, deceased. X [signature]
Administrator with will annexed.

Date December 30, 1963.

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

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

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

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

24856

85512

FILED
at 1:00 o'clock P M.
DEC 30 1963
E. Moore Johnston
County Clerk
Deputy
Fee 4.00 pd.

9

T. 11 R. 52

County Prairie

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED JAN 2 1962 STATE ENGINEER

WATER WELL LOG

	X		

Owner Robert Rath Address Terry, Montana

Driller Ira C. Bond Address Terry, Montana

Date Started April 11, 1961 Date Completed April 12, 1961

Location: Sec. 9 T. 11 R. 52 ¼ sec. NE 4 of the SW 4

Type of well Drilled (Dug, driven, bored, or drilled) Equipment used Cable Tool (Cable tool, rotary, other)

Water use: Domestic ☐ Municipal ☐ Stock XXX Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 80 ft. Type Steel Size 4 inch

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 41 to ft. 61 Ft. to ft.

Type of screen or perforations 5/16 in. holes cut three in. apart with cutting torch

Static Water level, for non-flowing well: 35 down to 54 at 12 gpm feet.

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

Pumping water level 54 feet at 5 gal. per min.

How tested: N/A with bailer

Length of test for one 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	6	Sandy Loam
6	41	Sand Rock
41	61	Water Sand 12 gpm
61	80	Gumbo-Bottom of hole

FILED
at 11:14 o'clock A.M.
DEC 29 1961
County Clerk
Deputy
Fee 1.00

82785

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—42325

10

File No. STATE WATER CONSERVATION BOARD

T. 11 N. R. 52 E.

DUPLICATE

DEC 22 1965

County Prairie

Billie McDermott
Lodge McNulty
Coyle Morton
Darlinton Sullivan
Dickart

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 to 10	Red Sandy clay & rock
10 to 20	Light gray sandy clay
20 to 30	Brown clay
30 to 40	Black sandy clay
40 to 56	Gray clay
56 to 63	Gray sand
63 to 68	Coal, trickle of water
68 to 82	Gray clay
82 to 88	Brown clay
88	109 Static water level
88 to 135	Bentonite & clay
135 to 145	Brown sandy clay
145 to 155	Gray sand - water
155 to 169	Brown sand - water
169	Bottom of hole

Show exact depth of bottom.
Dry Reservoir Well
M3-R-1470 - John Sackman

Owner Bureau of Land Management Address Miles City, Mont.

Driller Sando Drilling Address Billings, Montana

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

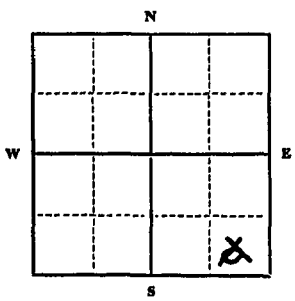
Date well started Sept., 1965 Date completed Sept., 1965

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7 7/8"	6" I.D. 18.79 lb/ft.	+ 1	169	Slot 1/8" x10"	145	165



SE 1/SE Sec 10 T. 11N R 52E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 109 feet.

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

Pumping Water Level 140 feet at 3 gal. per minute.

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

How Tested Bailing & pumping

Length of Test 16 hrs.

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.

Driller's License Number

Clyde E. McKechnie
Driller's Signature

40107

FILED
at 1:15 o'clock P. M.
DEC 29 1965
Clerk
County Clerk
Deputy
Fee 2.00

87650

GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED

DEC 23 1971

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Prairie

15

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. Lightning Well

Owner Bureau of Land Management

Address Miles City, Montana

Date well started 6/8/71

completed 6/16/71

For Administrator's Use
File 93442
December 22, 1971
9:15 AM
GW 1

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

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

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

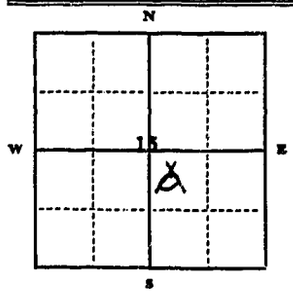
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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"	6" ID 18.97#	+1	240	N O N E		
7¼"	4" ID 11#	240	1003	Holes 3/8"	850	1003
5 5/8"	Same	475	1003			



NW ¼ SE ¼ Sec 15
T 11N N/S R 52E E/W

Static water level 150 ft.*
Pumping water level 180 ft.*
at 6 gallons per minute,
measured 240 minutes after pumping began.
*Measured from ground level.
Well developed by Air
for 4 hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
4" & 6" casing is welded together.

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

Driller's Signature Joe Z. 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	Brown Gumbo
10	15	Brown Sand
15	20	Gray Hard Rock
20	135	Gray Clay with stringers of coal & rock
135	136	Rock
136	205	Gray Clay with stringers of rock & coal
205	225	Gray Sandstone & Clay
225	235	Gray Clay
235	258	Gray Shale
258	260	Gray Sandrock
260	285	Gray Shale
285	295	Coal
295	348	Gray Shale
348	349	Rock
349	385	Gray Clay
385	425	Gray Shale
425	465	Brown Shale
465	530	Gray Shale with stringers of rock
530	533	Rock
533	575	Gray Shale
575	600	Gray Sand
600	605	Clay
605	665	Sandstone
665	695	Gray Clay
695	700	Gray Sand
700	701	Rock
701	720	Gray Sandstone & Sandrock
720	790	Gray Shale with stringers of sand
790	850	Sandstone & stringers of shale
850	880	Gray Shale
880	910	Gray Sand
910	930	Gray Shale
930	980	Sandstone
980	1003	Shale & stringers of Sandstone

1003' Show exact depth of bottom

49625

93442

Water Well Log
Bureau of Land Management
to
The Public

FILED
9:15 o'clock AM
DEC 22 1971
John D. Stroh
County Clerk
Nola M. Stalter
Deputy
2nd yd.

GW 2

Tusler Well
M3-R-1155

17

File No.....

T. 11 N. R. 52 E.

DUPLICATE

County....Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 10 1964
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....2490....)

- 0 -

Blue shale

10'

H20 21' Sandstone outcroppings

Cased to bottom

Owner. Bureau of Land Management Address Box 960, Miles City, Mont.

Driller....Henry Johnson....Address Box 716, Terry, Montana

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

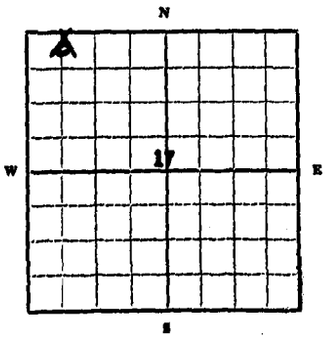
Date well started....11/27/63.... Date Completed....11/28/63....

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
5 5/8"	4" I.D. 11 lb/ft.	+ 1	20	3/8" hole	10	20



NW ¼ NW Sec. 17 T. 11N R. 52E

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

Static Water Level for non-flowing Well....10....feet.

Shut-in Pressure for Flowing Well ....N/A....

Pumping Water Level....18....feet at....12....gal. per minute.

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

How Tested....Pumping.... Length of Test....2 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.

Montana #22
Driller's License Number

Henry T. 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.

34866

85746

FILED
at 2:30 o'clock P.M.
FEB - 6 1964
E. Ellis Johnston
County Clerk
Deputy
Fee $2.00 pd.

GW

Approved Stock Form—State Publishing Co., Helena, Montana—3865

23

File No.

T. 11 N R. 52 E

DUPLICATE

County Prairie

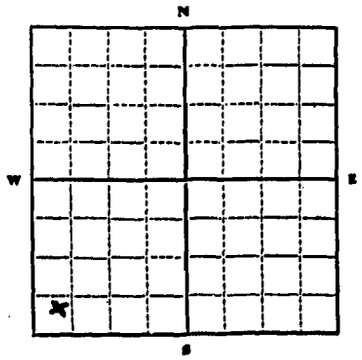
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert Rath (Name of Appropriator), of Terry (Address) Montana (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 ¼ Sec. 23 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 Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1955, 8 months a year

4. The amount of groundwater claimed (in miner's inches or gallons per minute) ~~[illegible]~~ 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
Not applicable

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

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

8. The depth of water table 2'

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 Bored hole 18", 22' Deep

10. The estimated amount of groundwater withdrawn each year 691,800 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 None

Signature of Owner Robert Rath

Date 12/12 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.

12520

85431

FILED

at 1:20 o'clock P. M.

DEC 23 1963

County Clerk

Deputy

Fee 2.00 pd.

Approved Stock Form—State Publishing Co., Helena, Montana—41924

File No. .....

T. 11 N R. 52

County PRAIRIE

DUPLICATE

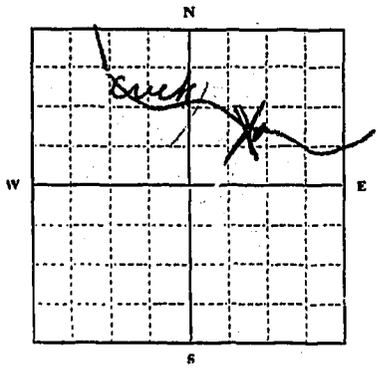
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Edwin L. Solle (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:



N.E. 1/4 1/2 Sec. 26 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 1950

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 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 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 1950 and 1952 by Hand

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
The well is Rock up with another well joining it. The two well combined to one well dug 40 feet

10. The estimated amount of groundwater withdrawn each year 180000 gals

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. Solle

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.

10478

~~85950~~ 85349

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

G

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

30

File No.....

T. 11N R. 52E

DUPLICATE

County Prairie

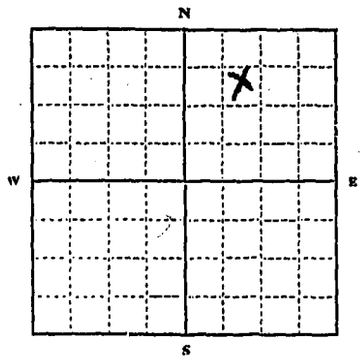
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John Kuehn, 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:



NE ¼ Sec. 30 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 Watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Approximately 1943 - continuous use since that date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 gallons a 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 1943 - completed 1943

8. The depth of water table 72 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 inch casing - 92 feet deep

10. The estimated amount of groundwater withdrawn each year 1,051,200 gallons

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

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

Signature of Owner John Kuehn
Date Dec. 13 - 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.

9408

85325

FILED
at 5:00 o'clock P. M.
DEC 13 1963
County Clerk
Deputy
Fee 2.00

GW

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

30

File No.

T. 11N R. 52E

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963
STATE ENGINEER

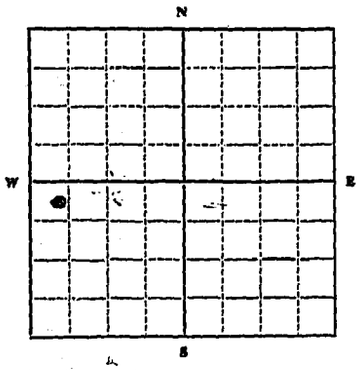
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ORLANDO OLSON, 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 ~~SE~~ 1/4 Sec. 30 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 HOUSEHOLD USE

3. Date or approximate date of earliest beneficial use; and how continuous the use has been MARCH 20 1948

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15000 GALS A YEAR

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 DEEP WELL PUMP WITH ELECTRIC MOTOR

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater JAN 15 1948 TO MARCH 20 1948

8. The depth of water table ~~1060~~ 260

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 INCH CASEING 400 FEET 3 INCH CASEING 600 FEET 1060 FEET DEPTH

10. The estimated amount of groundwater withdrawn each year 15000

11. The log of formations encountered in the drilling of each well if available CLAY SHALE 500 FEET OF ARTESIAN 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

Signature of Owner Olando Olson

Date Dec 27 1962

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

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

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

3102

84045

Water Well Log
Alonzo Olson
To
The Public

FILED
at 10:20 o'clock A.M.
JAN 2 - 1963
County Clerk
Fee 2.00
Deputy

GV

Approved Stock Form—State Publishing Co., Helena, Montana—38687 30

File No.

T. 11 N R. 52

DUPLICATE

County Prairie

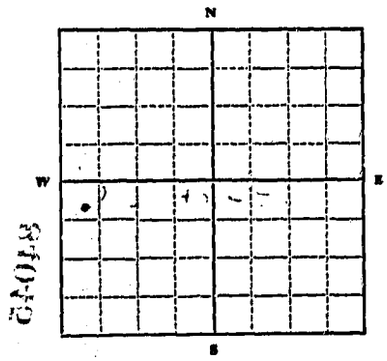
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 3 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. OLANDO OLSON (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:



S W 1/4 Sec. 30 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 WATER

3. Date or approximate date of earliest beneficial use; and how continuous the use has been MARCH 15 1932 AND USED THE YEAR AROUND SINCE COMPLETION

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30,000 GALLON EACH YEAR

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 WITH JACK AND ELECTRIC MOTOR

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater FEB 19 1932 MARCH 10 1932

8. The depth of water table 24 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 HAND DUG WOOD CASEING ~~[illegible]~~ 4 FEET DIAMETER 32 FEET DEPTH

10. The estimated amount of groundwater withdrawn each year 30,000

11. The log of formations encountered in the drilling of each well if available LIGHT TO ~~HEAV~~ HEAVEY LOAM AND 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

Signature of Owner Olando Olson

Date Dec 27 1962

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

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

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

3101

84045

Water Well Log
Clouds Clean
to
The Public

FILED
at 10:20 o'clock A.M.
JAN 2 - 1963
County Clerk
Deputy
Fee

Approved Stock Form—State Publishing Co., Helena, Montana—38697

32

File No. .....

T 11N R 52

DUPLICATE

County Prairie

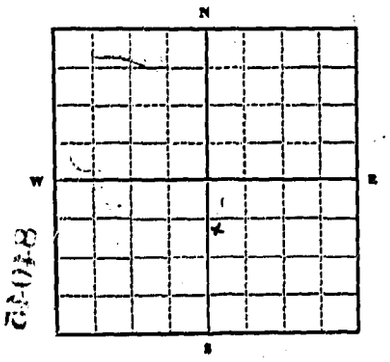
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. OLANDO OLSON, 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.E.1/4 Sec. 32 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 WATER

3. Date or approximate date of earliest beneficial use; and how continuous the use has been FEBRUARY 1 1948 4 MONTHS EACH YEAR

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100,000 GALLON EACH YEAR

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater DEC. 20 1947 TO JAN. 10 1948

8. The depth of water table 280 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 INCH CASING FOR 400 FEET 2 INCH 680 FEET DEPTH 1080 FEET

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

11. The log of formations encountered in the drilling of each well if available CLAY SHALE ROCK 500 FEET OF ARTESIAN 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

Signature of Owner Olando Olson

Date Dec 27 1962

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

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

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

3100

84045

Water Well Log
Alonzo Olson
to
The Public

FILED
at 10:52 o'clock A.M.
JAN 2 - 1963
County Clerk
Deputy
Fee

Approved Stock Form—State Publishing Co., Helena, Montana—(223)

File No. .....

T. 11 N R. 52 E

DUPLICATE

County Prairie

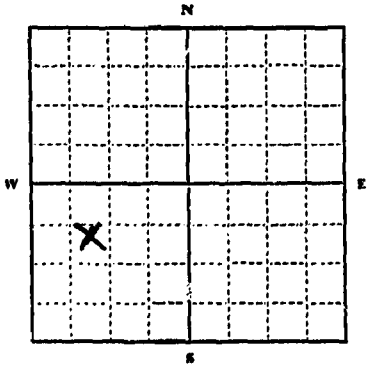
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Russell J. Mattinson, 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 ¼ Sec. 34 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 watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1913 – Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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
Self flowing – Spring

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Commenced & completed about 1913.

8. The depth of water table Not available

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

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

Signature of Owner Russell J. Mattinson

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.

24918

85577

FILED
at 4:00 o'clock P M.
DEC 31 1963
County Clerk
Deputy
Fee 2.00