

Page ____ of ____

County PRAIRIE Twp. 15N Rge. 49E

[illegible]

File No.

T. 15 N. R. 49

DUPLICATE

County Prine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 9 1963

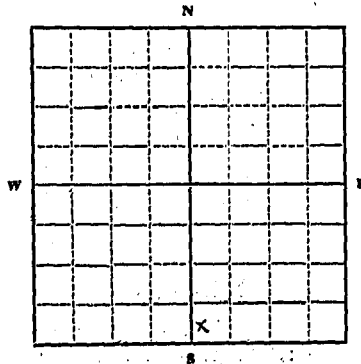
15328

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



SE 1/4 Sec. 4 T. 15 N. R. 49

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 stock3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946
continuous4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 1/2 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 pump7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 19198. The depth of water table 15 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 - 6 inch - depth 35 feet10. The estimated amount of groundwater withdrawn each year 60,000 gals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

Carl C. GreenDate Dec. 5-1963

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.

2090

85251

FILED
at 2:10 o'clock P.M.
DEC 5 1963
[Signature]
County Clerk
Fee \$2.00 Pd Deputy

File No.

T. 15 N. R. 49 E.

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

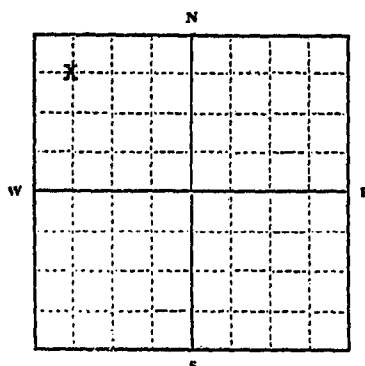
RECEIVED
DEC 27 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Pat Reynolds, 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:



NW 1/4 Sec. 5 T. 15 R. 49

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

2. The beneficial use on which the claim is based.....
Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
1953
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Pump engine
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
June, 1953
8. The depth of water table.....
105 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.....
5 inch casing
10. The estimated amount of groundwater withdrawn each year.....
1,300,000
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.....

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.

13671

85443

CIVIL ENGINEER

RECEIVED

FILED	
at 8:15	o'clock A.M.
DEC 27 1963	
<i>[Signature]</i> County Clerk	
Fee 2.00	Deputy

File No.

MONTANA WATER RESOURCES BOARD

T. 15 R. 49

DUPLICATE

RECEIVEDCounty Prairie

LOG

JUL 18 1968

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

(Elev. above sea level) _____

**Notice of Completion of Groundwater
Appropriation by Means of Well**
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237 Montana Session Laws, 1961, as amended)

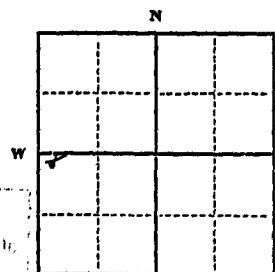
Owner Gayle R. Taylor Address Terry MontanaDriller Ira C. Bond & Sons Address Terry Montana

Date of Notice of appropriation of groundwater _____

Date well started 4/17/68 Date completed 4/24/68Type 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)
<u>6 5/8</u>	<u>4 1/2 od</u>	<u>0</u>	<u>50</u>	<u>3/16</u>	<u>30</u>	<u>48</u>

Static Water Level for non-flowing well 30 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 36 feet
at 5 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested bailedLength of Test 2 hrs.

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

gravel packed

(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).

50

Show exact depth of bottom.

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

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

37
Driller's License NumberIra C. Bond & Sons
Driller's Signature.

44,327

File No.

DUPLICATE

T. 15^N R. 49^E S. 21
County Prarie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

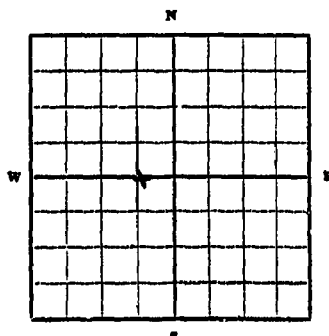
RECEIVED
JAN 25 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Carl C. Gruen, of Tenn.
(Name of Appropriator) (Address) (Town)
County of Prarie State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 21 T. 15 N. R. 49 E.

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

2. The beneficial use on which the claim is based stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1936
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
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 1936 - Completed 1936
8. The depth of water table 35 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, 55 ft deep.
10. The estimated amount of groundwater withdrawn each year 650,000 gal per year
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Carl C. Gruen

Date Jan 24 - 1962

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

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

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

Use this form to compare and contrast the characteristics of two subjects. It is designed to help you organize your thoughts and to develop a thesis statement. The subjects should be related in some way, but they should not be identical. The subjects should be compared and contrasted in terms of their characteristics, not in terms of their names. The subjects should be compared and contrasted in terms of their characteristics, not in terms of their names.

NAME _____
DATE _____

P2880

Comparison of Acetylsalicylic Acid and Aspirin

Acetylsalicylic acid is a weak acid with a pKa of 3.5. It is a colorless, crystalline solid that is soluble in water. Aspirin is a weak acid with a pKa of 3.5. It is a colorless, crystalline solid that is soluble in water.

REMARKS

DATE

File No.

DUPLICATE

T. 15^N R. 47^E S. 22^W
County Beauregard

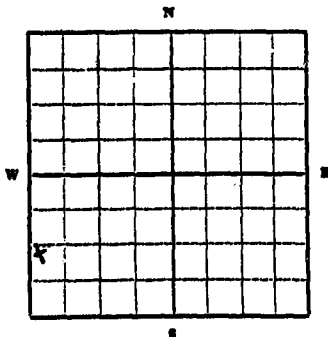
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED

STATE ENGINEER

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



SW 1/4 Sec. 22 T. 15 R. 49

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 1921
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced 1921 - Completed 1921
8. The depth of water table 75 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 - 116 ft deep - running
10. The estimated amount of groundwater withdrawn each year 1,575,000 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

Signature of Owner

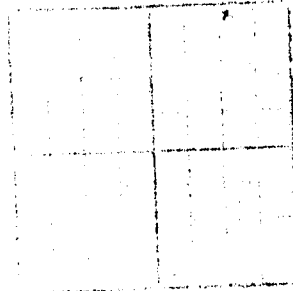
Date Jan 24-1962

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

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

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

82880



17th Dec 68 002. W.S.

Advantage to being abroad
relating to our to order but
of interest: ensure from each
state.

The date of implementation may be different in the other countries.

File No.

T 15 N R 49 E

DUPLICATE

County Prairie

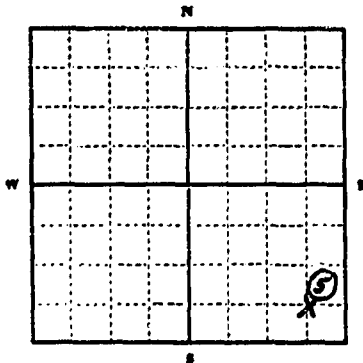
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Edmund S. Rilly, 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. 26 T. 15 N. R. 49 E

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

2. The beneficial use on which the claim is based Livestock3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1951
4 mos. each year4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 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
none6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Windmill7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 19518. The depth of water table 2 1/2 ft. of sand, gravel on coal9. 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" casing10. The estimated amount of groundwater withdrawn each year 490,000 gallons11. 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 Edmund S. Rilly
Date 2-20-63

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

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

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

11864

85400

FILED	
at <u>4:35</u> o'clock <u>P.</u> M.	
<u>W. H. Hamilton</u> County Clerk	
Fee <u>2.00</u>	Deputy <u>Pl.</u>

File No.

DUPLICATE

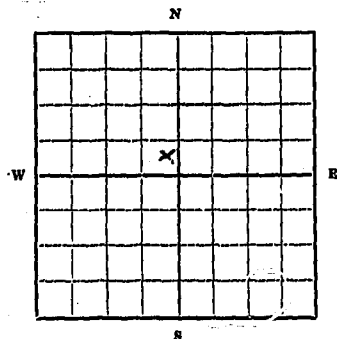
T. 15 N. 28 E. R. 49
County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 25 1962

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

1. Carl C. Hume, of Terry, Montana
(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:



N.W. 1/4 Sec. 28 T. 15 R. 49

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 ... 1956

4. The amount of groundwater claimed (in miner's inches or gallons per minute) ... 2 1/2 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 ... Pump

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

8. The depth of water table ... 75 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, 106 ft deep

10. The estimated amount of groundwater withdrawn each year ... 657,000 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: Carl C. Hume
Date: Jan 24-1962

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

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

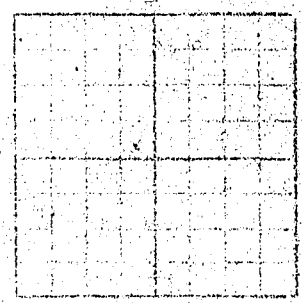
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

1256 (2)

1. The value of $\cos(\theta)$ is the ratio of the adjacent side to the hypotenuse in a right triangle.

Each vertex of a triangle is labeled with a letter. The angle between two sides is labeled with the letter of the vertex opposite the third side.

Example: In $\triangle ABC$, the angle at vertex A is labeled $\angle A$.



Handwritten notes: $\cos(\theta) = \frac{\text{adjacent}}{\text{hypotenuse}}$

Definition of a Vector

A vector is a quantity that has both magnitude and direction.

82880

D

30649

RECEIVED

MAR 30 1960

T. 15 R. 49

County Prairie

28

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

WATER WELL LOG

Owner Charles Orue Address Terry, MontanaDriller Ira C. Bond Address Terry, MontanaDate Started January 27, 1960 Date Completed January 30Location: Sec. 23 T. 15 R. 49 1/4 sec. N4Type of well Drilled Equipment used Cable Tool
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

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

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

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

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

Type of screen or perforations _____

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

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

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

How tested: _____

Length of test _____

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

Dry Hole

(over)

Log of Well

[illegible]

File No.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

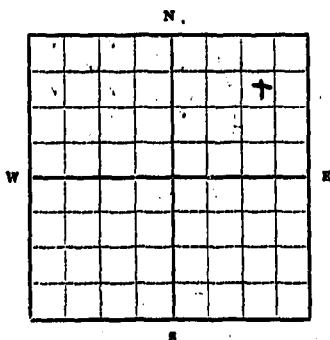
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

T. 15^N R. 47^E 28
County Prairie

1. Carl C. Gure of Terry
(Name of Appropriator) (Address)
County of Prairie State of Montana (Town)

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



NE 1/4 Sec 28 T. 15 R. 47

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
+ home use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1891

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

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

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 1891 - completed 1891

8. The depth of water table 20'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Dug - 5 ft - 25 ft

10. The estimated amount of groundwater withdrawn each year 110,000 gal per year

11. The log of formations encountered in the drilling of each well if available 20' - clay sand - 5 ft 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 Carl C. Gure

Date Jan 24-1962

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

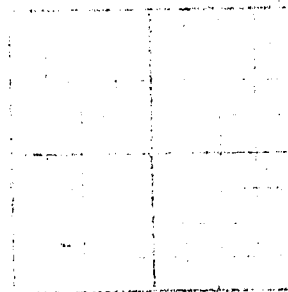
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

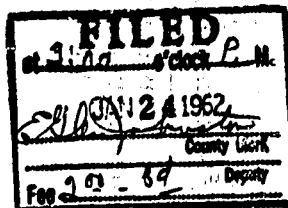
1256 (2)

82880

Water Well Log
Coil C. Hine
to
The Public



By the Clerk
Indorsements to this record
shall be made by the
Clerk of the Court
of the County of
Harris, Texas.



35

File No.

T 15N R 49E

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

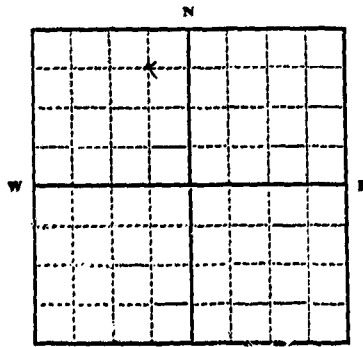
Date of Appropriation of Groundwater 1908Owner Nor. Pac. Ry. Co. Address St. Paul, Minn.

Contractor (if any)

Address of Contractor

Date Started..... Date Completed.....

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring, used since 1908.



N 1/4 Sec. 35 T15N R49E

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 One gallon

per minute, measured over a period of time.

Dug out and piped into trough, in 1944.

Northern Pacific Railway Company
Signature of Owner By R. H. Williams
Dist. Supr., Graz. & Cult.

Date.....

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

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

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

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

9387

STATE ENGINEER 85299

RECEIVED

FILED	
at 9:14 o'clock A.M.	
DEC 12 1963	
<i>W. H. Johnston</i> County Clerk	
Fee 3.00	11 Deputy

Page ____ of ____

County *PRAIRIE*

Twp.

15N

Rge. 50E

H Sec.	Kuehn, Sam Name of Appropriator	well 109 Type of Form	County 79963 File No.	Remarks
1	ROOS, JOE	GW-4	85396	
2	LILES, DECK M.	GW-4	85421	
2	CROCKETT, JAMES W.	GW-4	85472	
3	LILES, MAYNARD	GW-4	85323	
7	SMALIS, FRANK	WATER WELL LOG	82799	
10	CROCKETT, JAMES W.	GW-4	85464	
10	CROCKETT, JAMES W.	GW-4	85470	
10	CROCKETT, JAMES W.	GW-4	85463	
11	CROCKETT, JAMES W.	GW-4	85471	
14	ROOS, JOE	GW-2	84666	
14	ROOS, JOE	GW-4	85397	
14	ROOS, JOE	GW-2	84665	
14	ROOS, JOE	WATER WELL LOG	82784	
16	HALBERT RANCH	WATER WELL LOG	82796	
16	REELLY, ED	WATER WELL LOG	82781	
18	REELLY, EDWARD G.	GW-4	85401	
19	REELLY, EDWARD G.	GW-4	85403	
19	REELLY, ED	WATER WELL LOG	82792	
22	FOFLAND, PER	GW-2	89112	
23	SMALIS, FRANK	GW-4	85584	
23	SMALIS, FRANK	GW-4	85585	
25	SMALIS, FRANK	GW-4	85586	
25	TSABITTS, ROLAND	WATER WELL LOG	82804	
27	REELLY, EDWARD G.	GW-4	85402	
31	TSABITTS, ROLAND	WATER WELL LOG	82806	
35	CROCKETT, JAMES W.	GW-4	85467	
36	CROCKETT, JIM	WATER WELL LOG	82786	
4	KUEHN, SAM	WATER WELL LOG	79963	ADDED FROM N.L.D. LIST

79863
RECEIVED
OCT 9 1959

INFORMATION
OBTAINED FROM
CLERK & RECORDER

T. 15 N. R. 50 E
County Prairie

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

			0

Owner Sam Kuehn Address Terry, Montana
Driller Iron C. Bond Address Terry, Montana
Date Started Oct. 25, 1958 Date Completed Oct. 28, 1958
Location: Sec. 4 T. 15 N. R. 50 E 1/4 sec.

Type of well Drilled Equipment used cable tool
(Dug, driven, bored, or drilled) (Cable drill, rotary, other)
Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____
Casing: surf. 00 ft. to 68 ft. Type steel Size 4"
Casing: _____ ft. to _____ ft. Type _____ Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____
Perforated or Screened: Ft. 50 to ft. 62 Ft. _____ to ft. _____
Type of screen or perforations burned holes 5/16"
Static Water level, for non-flowing well: _____ feet.
Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)
Pumping water level: _____ feet at _____ gal. per min.
How tested: _____
Length of test: _____
Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

[illegible]

GW

File No.

DUPLICATE

T. 15 R. 50

County. PRAIRIE

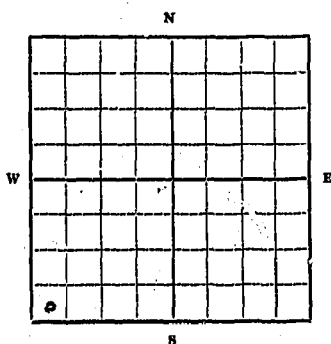
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963

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

STATE ENGINEER

1. Joe Ross 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. 1/4 Sec. 1 T. 15 R. 50

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
CONTINUAL
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 9 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 WIND MILL
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1950
8. The depth of water table 35'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 IN. CASING
2 1/2 IN. CYL. WIND MILL
10. The estimated amount of groundwater withdrawn each year 1,296,000 gal.
11. The log of formations encountered in the drilling of each well if available NAT. 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

Date DEC. 11, 1963

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

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

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

11860

800 10 100

RECEIVED 11/11/63
COUNTY CLERK

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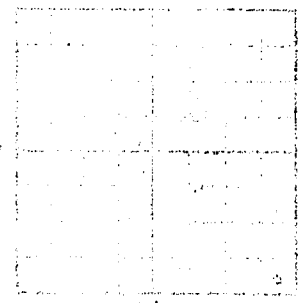
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85396

FILED
at 2:11 o'clock P.M.
DEC 20 1963
County Clerk
Deputy
Fee

GW

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

File No.

T. 15^N R. 50^W

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

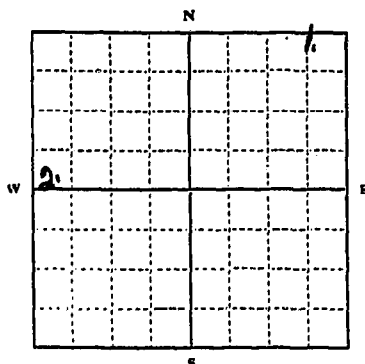
RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Dick M. Liles, of Box 133 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:



71.6
1/4 Sec. 2 T. 15 R. 50

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.....

1. 1925 } continuous use
2. 1915

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

1. 9.2 - 6 gal. per minute

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

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

PUMP

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

not available

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

40 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.....

1. - 18" casing - 110 ft. deep - drilled
2. - 12" casing - 20 ft. deep - dug

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

15,000 gal. 20,000

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.....

Dick M. Liles

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.

12514

6-11-63

11-11-63

85421

85421

FILED
at 9:45 o'clock A.M.
DEC 23 1963
County Clerk
Deputy
Fee \$1.00

*Received
Dec. 27, 1963
State Engineer*

State Engineer

Helena, Montana

Dear Sir:

In regard to the Declaration of Vested Groundwater rights for Dick M. Liles, instrument No. 85421, he forgot to put down the amount of water used each year for well No. 1 and he wanted me to let you know that the amount is 50,000 gallons per year. Fifteen thousand gallons is correct for well No. 1.

Thank you.

Sincerely,

Florence C. Falkenstern

Florence C. Falkenstern, Deputy
Clerk & Recorder
Prairie County, Terry, Montana

G

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

File No. _____

T. 15th R. 50th

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

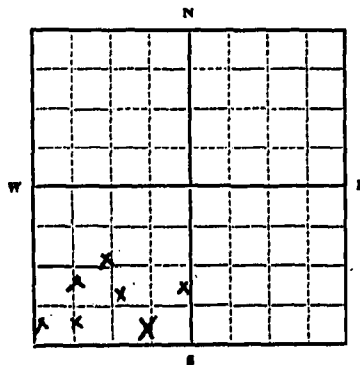
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. James W. Crockett, 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 Sec. 2 T. 15 R. 50

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 1860 - Continuous use

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

2 1/2 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.....

No Irrigation

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

Self flowing Springs

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.....

Not known

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 Springs

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

12,877,200 gallons

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

Unknown

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

None

Signature of Owner James W. Crockett

Date Dec. 27 - 1963

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

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

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

15600

85472

RECEIVED

1992

FILED
at 1:10 o'clock P. M.
DEC 27 1963
E. H. [Signature]
County Clerk
Fees 2.75 Pd. Deputy

File No.

T. 15 N. R. 50 E.

DUPLICATE

County. Prairie

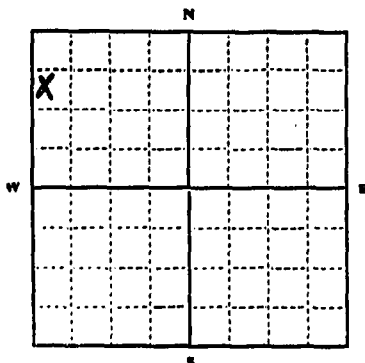
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Maynard Liles 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:



NW 1/4 Sec. 3 T. 15 N. R. 50 E.

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

2. The beneficial use on which the claim is based

Household + stock watering

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

1928 - continuous use 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

Pump

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

Commenced 1928 - Completed 1928

8. The depth of water table

12 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 - 6 inch casing - 44 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

Maynard LilesDate Dec. 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.

9406

85323

21416 EMPLOYEE

SECRET

FILED	
at <u>4:05</u> o'clock <u>P.</u> M.	
DEC 13 1963	
<i>Elmer J. Hunter</i>	
County Clerk	
Fee <u>2.00</u>	Deputy <u>11.</u>

T. 15 R. 50

County Prairie

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner Frank Smalis Address Terry, Montana

Driller Ira C. Bond Address Terry, Montana

Date Started November 1, 1961 Date Completed Nov. 5, 1961

Location: Sec. 7 T. 15 R. 50 1/4 sec. NE 4 of the SE 4

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

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

Casing: 0 ft. to 140 ft. Type steel Size 4 inch

Casing: 140 ft. to 212 ft. Type steel Size 3 inch

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 186 to ft. 207 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: 140 down to 180 feet.

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

Pumping water level 100 feet at 4 gal. per min.

How tested: with baller

Length of test for one hour

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

(over)

FILED
DEC 29 1961
COMM. DIV.
FBI - MEMPHIS

[illegible]

82794

File No. _____

T 15 R 50

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

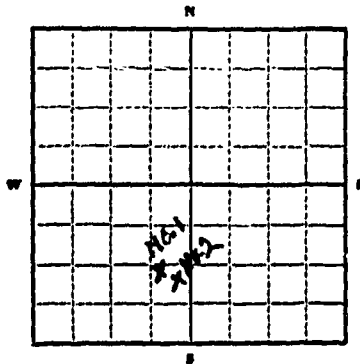
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. James W. Crockett of Teng
(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 Sec. 10 T. 15 R. 50

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 con-
tinuous the use has been
No. 1 - 1956 - continuous
No. 2 - 1942 - "

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 1 1/2 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
No Irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater
No. 1 - 1956 - completed 1956 No. 2 - 1942 - completed 1942

8. The depth of water table No. 1 - 136 ft. No. 2 - 36 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater
No. 1 - Drilled - 4 inch casing - 142 ft deep
No. 2 - Drilled - 12 inch casing - 36 ft deep

10. The estimated amount of groundwater withdrawn each year 393,250 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

Date Dec 27-1963

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

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

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

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CIVIL ENGINEER

RECEIVED

FILED	
at 11/10 o'clock P.M.	
DEC 27 1963	
County Clerk	
Deputy	
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File No.

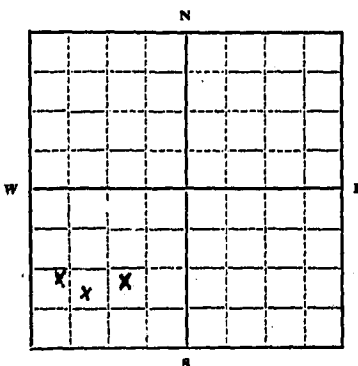
DUPLICATE

T. 15 N. R. 50 E.
County. PrairieSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. James W. Crockett 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:



SYN. 1/4 Sec. 16 T. 15 R. 50

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 1860 - Continuous

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

9 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.....

No Irrigation

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

Self flowing springs

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.....

Not Known

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 springs

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

4,730,400 Gallons

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

Not Known

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

James W. Crockett
Date Dec 27-1963

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

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

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

15598

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SIVIE FACHNER

BECKMAN

FILED	
at 1:10	o'clock P.M.
DEC 27 1963	
<i>[Signature]</i>	
County Clerk	
Fee 2.00 Pd.	Deputy

File No. _____

DUPLICATE

T. 15 N. R. 50 E.

County Prarie

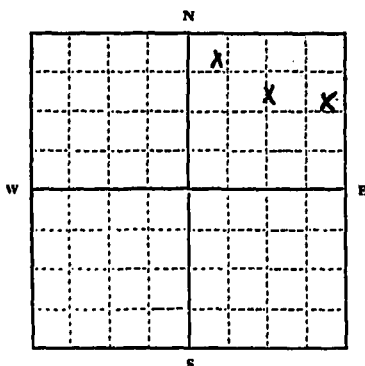
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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



NE 1/4 Sec. 10 T. 15 N. R. 50 E.

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

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

Stock Raising

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

Approximately 1860 - Continuous

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

18 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.

No Irrigation

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

Self-flowing Springs

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.

Not Known

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 Springs

10. The estimated amount of groundwater withdrawn each year.

118,260,000 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

James W. Crockett
Date Dec. 27-1963

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

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

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

15596

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RECEIVED

FILED	
at <u>1211</u> o'clock <u>P.</u> M.	
DEC 27 1963	
<i>[Signature]</i>	
County Clerk	
Fee <u>2.00</u>	Deputy

File No. _____

DUPLICATE

T. 15 N. R. 50 E.

County Praine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

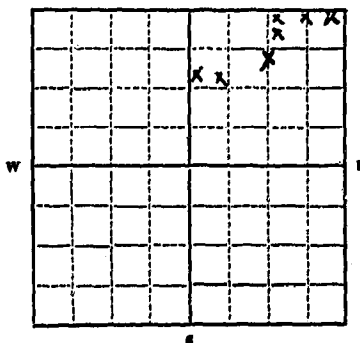
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. James W. Crockett of Troy
(Name of Appropriator) (Address) (Town)
County of Praine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 11, T. 15, R. 50

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 1960 - Continuous use

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

19 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.

No Irrigation

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

Self-flowing Springs

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.

Not known

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 Springs

10. The estimated amount of groundwater withdrawn each year.

9,986,400 gallons

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

Unknown

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

NoneSignature of Owner James W. CrockettDate Dec. 27 - 1963

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

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

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

15599

85471

STATE FRODO

FILED	
at 1:10 o'clock	P.M.
DEC 27 1963	
<i>[Signature]</i>	
County Clerk	
Fee 200	Deputy

GW 2

File No.

DUPLICATE

RECEIVED
JUL 10 - 1962

T 15 N R 50 E

County. Prairie

STATE OF MONTANA
STATE ENGINEER
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level.....)

10' Sandy Loam
4' Gravel
26' Gumbo
2' Coal
8' Gumbo
2' Rock
16' Water Sand
2' Gumbo

Owner. J. JOE ROOS Address. TERRY
IRA C. BOND + TERRY

Driller. Address.

Date of Notice of Appropriation of Groundwater

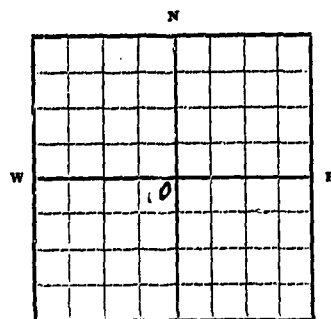
Date well started. 1962 Date Completed. 1962

Type of well. Drilled Equipment Used. Cable
(dug, driven, bored or (Churn, drill, rotary or
drilled) 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" O.D. through Gravel	7" O.D. 22lb.	Ground Level	16'	5/16 Bored	50'	70'
	4" II lb.	Ground Level	72'			



NE 1/4 Sec. 14 T. 15 R. 50

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

2' Show exact depth of bottom.

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

Shut-in Pressure for Flowing Well

Pumping Water Level.....50 feet at 6 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested. Pump 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)

Driller's License Number 37

Driller's Signature
IRA C. BOND

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.

4948

Water Well Log
Opel Roos
to
The Public

FILED
FEB 23 1964
FBI - MEMPHIS
COMM-FBI
FEB 23 1964
FBI - MEMPHIS

GW

File No.

DUPLICATE

T. 15^N R. 50^ECounty PRAIRIE

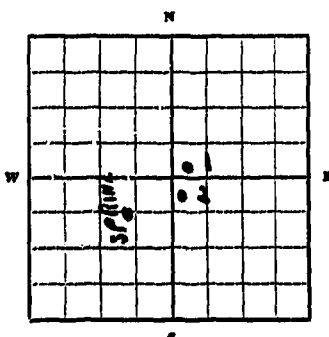
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
DEC 23 1963

STATE ENGINEER

1. Joe Pove 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:



1/4 Sec. 14, T. 15, R. 50

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 IRRIGATION
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920
4. The amount of groundwater claimed (in miner's inches or gallons per minute) NO. 1 5 GAL. MIN. NO. 2 6 GAL. MIN.
SPRING 5 GAL. PER MIN. 24 HRS. PER DAY
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 S. W. 1/4 of N.E. 1/4 SEC. 14-15-50
WELL NO. 1
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
NO. 1 S. W. 1/4 of N.E. 1/4 SEC. 14-15-50 PUMP ELECTRIC JACK
NO. 2 N. W. 1/4 of S. E. 1/4 SEC. 14-15-50 " " ELECTRIC

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1920
8. The depth of water table NO. 1 36' NO. 2 50'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
NO. 1 4" CASING NO. 2 6" DEEP PUMP ELECTRIC MOTOR
2 1/2 IN. C.F.P. BOTH WELLS
10. The estimated amount of groundwater withdrawn each year NO. 1 900,000 GAL.
NO. 2 800,000 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.

Signature of Owner Joe Pove

Date DEC. 11, 1963

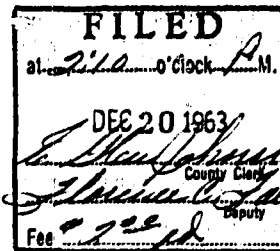
Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.

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

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

11861

85397



GW 2

File No.

DUPLICATE

RECEIVED

STATE ENGINEER

T 15 R 50

Fairfax

County

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)

20048

Top of Ground
(Elev. above sea level.....)

10' Sandy Loam
2' Gravel
10' Sandstone
2' Gumbo
15' Water sand
35' Gumbo
1' Coal
10' Gumbo
4' Water sand
9' Coal
2' Gumbo

Owner Joe Ross Address FerryDriller Ira C. Bond Address Ferry

Date of Notice of Appropriation of Groundwater

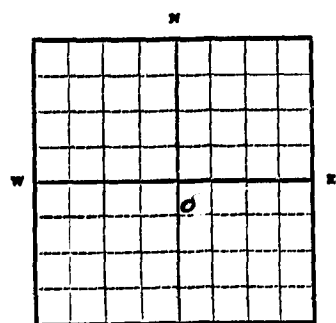
Date well started Mar. 10, 1963. Date Completed Mar. 23,

Type of well Drilled Equipment Used Cable
(dug, driven, bored or (Churn, drill, rotary or
drilled) 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 P.C.D.	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7" Through Gravel 14"	22 lb.	Ground Level	14'	Burned 5/16"	78'	84'
	4" 11 lb.	Ground Level	104'		15'	14'



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.....feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 70 feet at 4 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer and Pump 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)

Driller's License Number

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.

4949

1954 SIKKIM-INDIA TREATY

84665

Water Well Log
J. R. Rose

John Ross
The Public

FILED
87-11-10
Elliott
8-1963
#2
FBI

STATS

T. 15 R. 50
County: Prairie

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

	X	

Owner: Joe Roos Address: Terry, Montana
Driller: Irvin S. Bond Address: Terry Montana
Date Started: Dec. 9, 1961 Date Completed: Dec. 11, 1961
Location: Sec. 14 T. 15 R. 50 1/4 sec. NE of the SW

RECEIVED
JAN 12 1962
STATE ENGINEER

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: 10 ft. to 18 ft. Type: Steel Size: 6 inch

Casing: 16 ft. to 72 ft. Type: steel Size: 4 inch

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

Perforated or Screened: Ft. 56 to ft. 68 Ft. _____ to ft. _____

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

Static Water level, for non-flowing well: 20 to 56 feet.

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

Pumping water level: 70 feet at 5 gal. per min.

How tested: 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

FILED
24 9 7 A O'clock A. M.
DEC 29 1961
County Clerk
Deputy
FBI

82784

T. 15 R. 50

County Prairie

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
Jan 2, 1962

WATER WELL LOG

STATE ENGINEER

Owner Hal Birt Ranch Address Terry, Montana

Driller Ira C. Bond Address Terry, Montana

Date Started Sept. 26, 1961 Date Completed Sept. 29, 1961

Location: Sec. 16 T. 15 R. 50 1/4 sec. NW

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 88 ft. Type plastic Size 4"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 48 to ft. 58 Ft. to ft.

Type of screen or perforations drilled 3/8" holes

Static Water level, for non-flowing well: 40 feet feet.

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

Pumping water level 48 feet at 5 gal. per min.

How tested: bailed

Length of test 2 hours

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

Log of Well

[illegible]

82796

T. 15 R. 50

County Prairie

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1952

WATER WELL LOG

STATE ENGINEER

X		

Owner 141111 EA Risley Address Terry, Montana

Driller Ira C. Bond Address Terry, Montana

Date Started November 6, 1951 Date Completed Nov. 10, 1951

Location: Sec. 17 T. 15 R. 50 1/4 sec. 4 of the NE 4

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

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

Casing: 0 ft. to 121 ft. Type steel Size 4 in.

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

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

Perforated or Screened: Ft. 104 to ft. 118 Ft. _____ to ft. _____

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

Static Water level, for non-flowing well: 80 down to 100 feet.

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

Pumping water level 110 feet at 4 1/2 gal. per min.

How tested: 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

[illegible]

82783

File No.

T. 15 N. R. 50 E.

DUPLICATE

County. Prairie

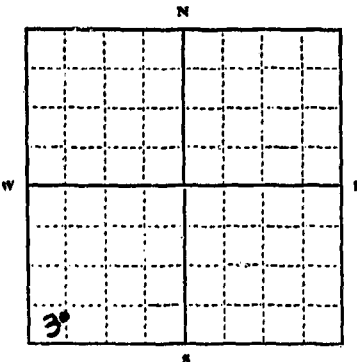
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Edmund G. Reilly of Terry
(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:



2. The beneficial use on which the claim is based Livestock
for 3 wells

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1953
3 mos. each year

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

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

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

S.W. 1/4 Sec. 18 T. 15 N. R. 50 E

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

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

8. The depth of water table. 110 ft. 7 to 8 ft. of sand & gravel

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
110 ft. 4" casing

10. The estimated amount of groundwater withdrawn each year 450,000 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

Signature of Owner Edmund G. Reilly
Date 12-20-63

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

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

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

85401

FILED	
at 4:35 o'clock P. M.	
DEC 20 1963	
<i>[Signature]</i> County Clerk	
Deputy	
Fee	200.00

File No.

T. 15 N. 50 E

DUPLICATE

County Prairie

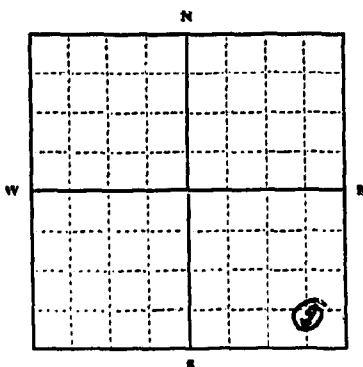
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Edmund G. Rilly, of Terry,
(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:



SE 1/4 Sec. 19 T. 15 N. R. 50 E

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

2. The beneficial use on which the claim is based Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1927 most of the time
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 1/2 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 Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1927
8. The depth of water table 6" gravel
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. 4" casing
10. The estimated amount of groundwater withdrawn each year 275,000 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.

Signature of Owner Edmund G. Rilly
Date 12-20-63

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

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

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

11867

85403

FILED	
at <u>4:35</u> o'clock <u>P.</u> M.	
DEC 27 1963	
<i>E. H. Johnston</i>	
County Clerk	
Fee <u>2.00</u>	Deputy

T. 15 R. 52
County Prairie

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

X		

RECEIVED
STATE ENGINEER

Owner Ed Rielly Address Terry, Montana
Driller Ira C. Bond Address Terry, Montana
Date Started March 4, 1961 Date Completed March 6, 1961
Location: Sec. 19 T. 15 R. 50 1/4 sec. 14 of the NE 1/4

Type of well Drilled Equipment used Cable tool (auger, driven, bored, or drilled)

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

Casing: 2 ft. to 116 ft. Type Steel Size 4 inch
Casing: ft. to ft. Type Size
Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 97 to ft. 113 Ft. to ft.

Type of screen or perforations 5/16 in. holes cut 3 in. apart with cutting torch

Static Water level, for non-flowing well: 70 down to 100 at 10 gpm feet.

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

Pumping water level 105 feet at 5 gal. per min.

How tested: with bailer

Length of test for one hour

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

Deepened well from 50 ft. down to 116 ft. Original well
ran out of water

(over)