85302

FILED

at 9:10 o'clock A M.

DEC 12 1963

County Clerk

Deputy

Fee 2.00

GW 3

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

11

File No.....

T. 11N R. 50E

DUPLICATE

County Prairie

RECEIVED
DEC 16 1963
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1908

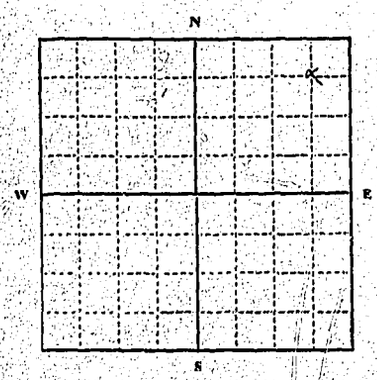
Owner Nor.Pac.Ry. Co. Address St. Paul, Minn.

Contractor (if any) .....

Address of Contractor .....

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

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



NE¼NE¼ Sec. 11 T11N R50E

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. Spring flows ½ gallon per minute, measured over a period of time. Excavated and piped to tank.

Northern Pacific Railway Company

Signature of Owner By L.H. Lukinuu
Dist. Supvr, Gran. & 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.

9391

85303

FILED

at 9:00 o'clock A.M.

DEC 12 1963

County Clerk

Deputy

Fee

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

File No.....

T. 11N R. 50E

DUPLICATE

County Prairie

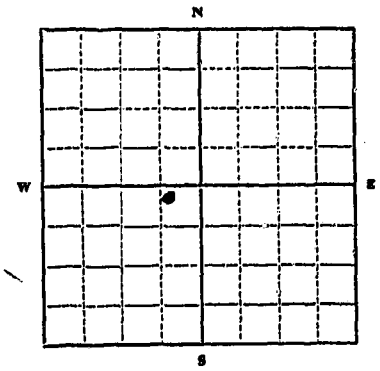
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 18 1962
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lester Jens, 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:



SE ¼ Sec. 12 T. 11 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

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

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 Water (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 (Spring)

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 1,051,200

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.

2116

83606

FILED
at 10:15 o'clock A.M.
SEP 17 1962
County Clerk
Deputy
Fee

82491

12

T. 11 R. 50

County Prairie

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
MAR 3 1961
STATE ENGINEER

WATER WELL LOG

Owner Lester Jens Address Terry, Montana

Driller Johnson Water Well Service Address Terry, Montana

Date Started Oct. 25, 1961 Date Completed Oct. 31, 1961

Location: Sec. 12 T. 11 R. 50 ¼ sec. N W.

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 154 ft. Type Std. Size 4"

Casing: 111 ft. to 720 ft. Type " Size 2"

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 650 to ft. 720 Ft. to ft.

Type of screen or perforations Holes

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

Shut-in pressure, for flowing well: 0 lb./sq. in. on: Nov. 1, 1961 (date)

Pumping water level 0 feet at 1½ gal. per min.

How tested: Flow

Length of test

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	20	Sand and Gravel
20	30	Shale
30	40	Coal
40	138	Shale
138	142	Coal
142	200	Gray Shale
200	220	Gray Sandstone
220	235	White Rock
235	240	Black [illegible] Shale
240	285	Gray Shale
285	330	Dark Shale
330	335	Gray Shale
335	356	Rock
356	375	Gray Shale
375	385	Red Shale
385	390	Gray Shale
390	410	Green Shale
410	430	Gray Sandy Shale
430	431	Rock
431	450	Red Shale
450	485	Green Shale
485	635	Gray Shale
635	650	Sandy Gray Shale
650	710	Gray Sandstone
710	720	Gray Shale

GW

File No.....

DUPLICATE

T. 11N R. 50E

County Prairie

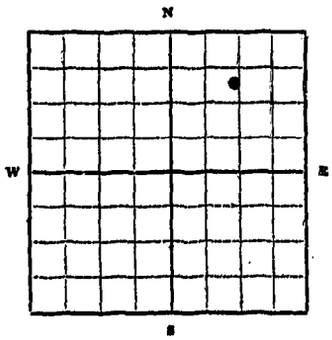
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 18 1962
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lester Jens, 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 Sec. 13 T. 11 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, continuous

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

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 Cumbed and piped to tank

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 (Spring)

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 195,200

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 School of Mines and Quadruplicate for the Appropriator.

2117

83606

FILED
at [illegible] o'clock [illegible] M.
SEP 17 1962
[illegible] Clerk
[illegible] Deputy
Fee [illegible]

GW

File No. Prairie

DUPLICATE

T. 11 N R. 50 E 13

County Prairie

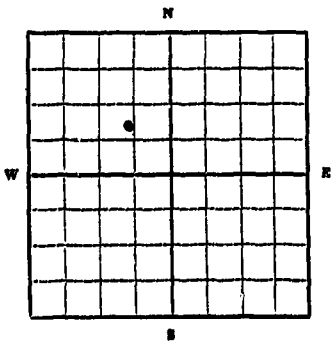
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 18 1962
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lester Jens, 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/4 Sec. 13 T. 11 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, continuous

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

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 Excavation and piped into tank

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 (Spring)

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 2,002,400 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 School of Mines and Quadruplicate for the Appropriator.

2118

83606

FILED
at 2:30 o'clock P.M.
SEP 17 1962
County Clerk
Deputy
Fee

N 3 Approved Stock Form—State Publishing Co., Helena, Montana—38496 13

File No. ..... T. 11N R. 50E

DUPLICATE County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 16 1968 STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

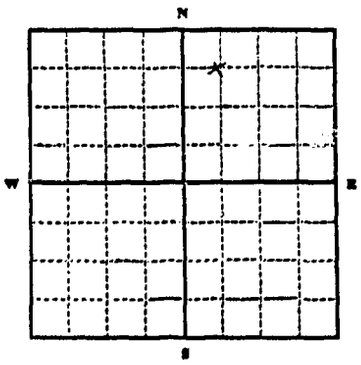
Date of Appropriation of Groundwater 1908.

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

Contractor (if any) .....

Address of Contractor .....

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



NW¼ NE¼ Sec. 18 T 11N R. 50E

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

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.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. Spring flows 20 gallons per hour, measured over a period of time. Curbed and piped into tank.

Northern Pacific Railway Company

Signature of Owner By R. A. Sikings
Dist. Supvr. Graz. and Cult.

Date .....

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

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

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

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

9379

85291

FILED
at 9:01 o'clock A M.
DEC 12 1963
County Clerk
Deputy
Fee 2.00

GW 3

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

13

File No.....

T. 11N R. 50E

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1968
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1908.

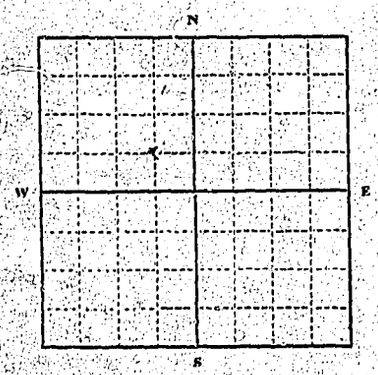
Owner Nor.Pac.Ry. Co. Address St. Paul, Minn.

Contractor (if any) .....

Address of Contractor .....

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

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



SE¼NW ¼ Sec 13 T 11N R 50E

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. Spring flows 4 gallons per minute, measured over a period of time. Excavated and piped to tank.

Signature of Owner Northern Pacific Railway Company By [signature] Dist. Supvr, 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.

(9392)

85304

FILED
at 9:00 o'clock A M.
DEC 12 1963
County Clerk
Deputy
Fee 2.00

79346

17

RECEIVED
MAY 7 1959
STATE ENGINEER

T. 11 R. 50
County Prairie

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Albert Jerke Address Terry, Montana

Driller Ira C. Bond Address Terry, Montana

Date Started April 27 Date Completed April 30

Location: Sec. 17 T. 11 R. 50 sec. NE of the NE

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

Water use: Domestic ☐ Municipal ☐ Stock XXX Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 112 ft. Type Steel Size 2 in

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 86 to ft. 112 Ft. to ft.

Type of screen or perforations 1/4 in. holes cut 1½ inches apart with cutting torch

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: five gallon bucket and watch

Length of test one minute

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	3	Gumbo
3	10	Clay
10	20	River Sand
20	29	Gravel
29	45	Gumbo
45	46	Water sand
46	75	Gumbo
75	86	Sandy Clay
86	112	Water sand
112		Rock

OW

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

17

File No.

T 11N R 50E

DUPLICATE

Flowing well

County Prairie

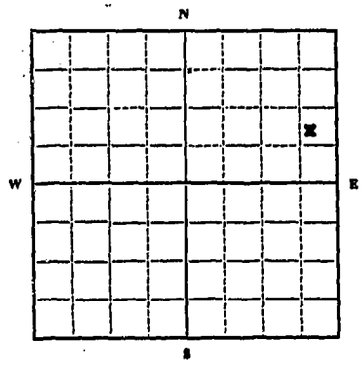
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 15 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Northern Pacific Railway Co., of Glatchford
(Name of Appropriator) (Address) (Town)
County of Prairie State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NE Sec. 17 T. 11N R. 50E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Dec. 16, 1947 to present

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started Dec. 1, 1947 Completed Dec. 16, 1947

8. The depth of water table Flowing well

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 inch drilled well, 190 feet deep

10. The estimated amount of groundwater withdrawn each year 200,000 gallons

11. The log of formations encountered in the drilling of each well if available see attached log 61

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 S. G. Anderson

Date Nov. 8, 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.

7072

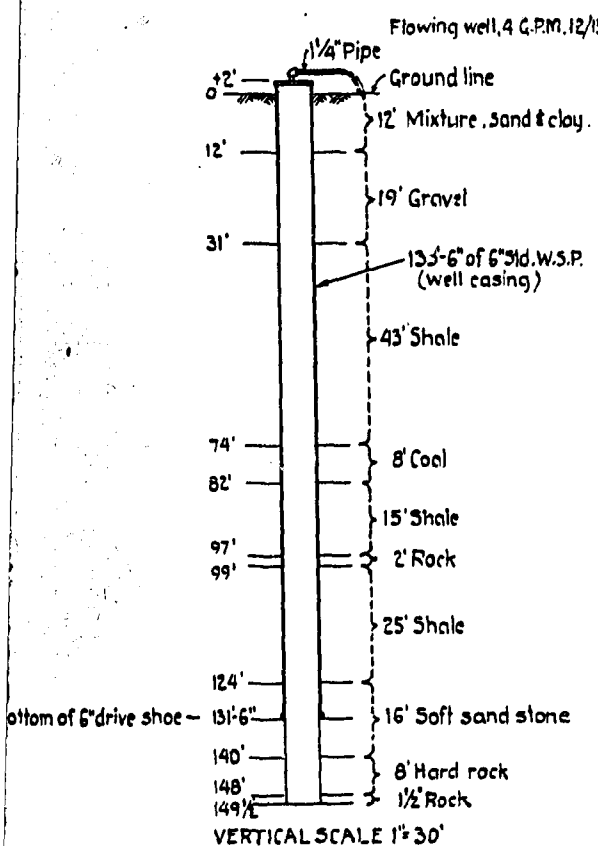
85094

FILED
at 1:55 o'clock P. M.
NOV 14 1963
County Clerk
Deputy
Fee 2.00 Pd.

MONT. 6
8/25-53
YELLOWSTONE DIV.

BLATCHFORD, MONT. SECTION HOUSE WELL, AFE 431-45

Flowing well, 4 G.P.M. 12/15-47
6" Well, 149½' deep.
Drilled by E.A. Bodin, N.P.Ry.
Work begun Dec. 1-47, completed Dec. 16-47.

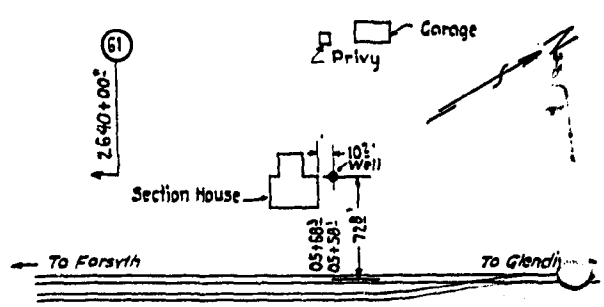


Water Analysis, Sept. 1-53

Calcium bicarbonate	0.5	G.P.G.	Expressed as $CaCO_3$
Sodium "	29.5	"	
" carbonate	9.6	"	
" sulfate	6.2	"	
" chloride	2.4	"	
Silica	0.86	"	
Iron	0.0	P.P.M.	
Fluoride	1.0	"	

Total dissolved solids 49.1 G.P.G. (actual)
Turbidity 5

Note: See file 1558, for drilling and test data, Office of Engineer of Water Service.



LOCATION PLAN
SCALE 1" = 100'

M.T.A.

GW

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

File No. P

T. 11 R. 50 E 18

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

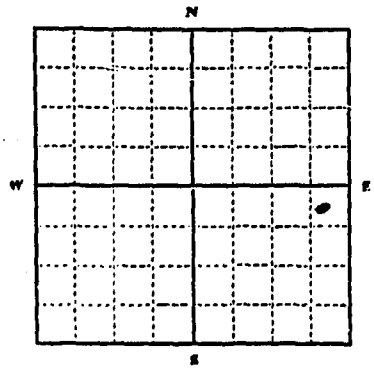
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. F. E. Parker (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:



SE ¼ 18 Sec. 18 T. 11 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 Domestic Livestock & Household.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2.5 gal per minute & 1500 gal 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

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

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

8. The depth of water table 30 ft.

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

drilled well. Cased to depth of 500 ft. 4" Case on 6"

10. The estimated amount of groundwater withdrawn each year 13,140,000 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 F. E. Parker

Date Dec 30, 1963.

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

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

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

24870

85527

FILED
at 4:50 o'clock P.M.
DEC 30 1963
L. Glen Johnston
County Clerk
Fee 1.00
Deputy

85527

RECEIVED
NOV 4 1957
STATE ENGINEER

Section 18 18

T. 11- N R. 50-E

County Prairie, Montana

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Francis Earl Parker & Lee Queene Parker Address Terry, Montana

Driller Higgins & Reamy Drilling Co. Address Miles City, Montana

Date Started ..... Date Completed Dec. 22, 1952

Location: Sec. 18 T. 11-N R. 50-E; sec S.E. ¼ of SE¼ Lot 10

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

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

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

Casing: 482 ft. to ..... ft. Type ..... Size .....

Casing: ..... ft. to ..... ft. ype ..... Size .....

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

Perforated or Screened: Ft. 5 JTS to ft. ..... Ft. ..... to ft. .....

Type of screen or perforations .....

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

Shut-in pressure, for flowing well: 40 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)

Cementing. 8" Casing 40' down. Filled with cement 8" pipe & 2" pipe for seal. Shut-off valve down 5' ft. from ground level.

(over)

Approved Stock Form—State Publishing Co., Helena, Montana—39687 20

File No.

T 11N R 50E

DUPLICATE

County Prairie

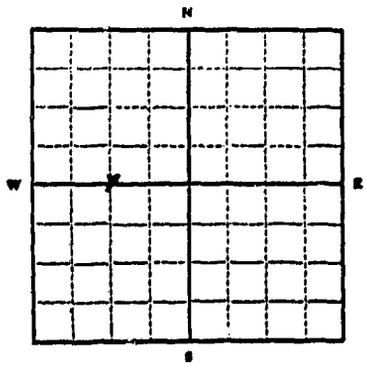
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



SW ¼ NW¼ Sec. 20 T 11N R 50E

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 Old well Between since 1950

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Not Known

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 Not Known

10. The estimated amount of groundwater withdrawn each year 1,576,800 gal per yr.

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 Bernard Hanson

Date Dec 19 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.

11853

85379

FILED

at 11:05 o'clock A M.

DEC 19 1963

County Clerk

Deputy

Fee 2.00 Pd.

GW

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

File No.

T. 11N R. 50E

DUPLICATE

County Prairie

F.W.

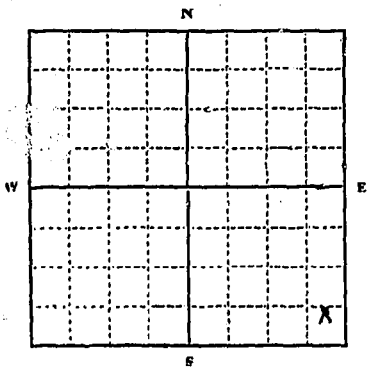
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Arnold Jeske (Name of Appropriator), of Rt. 2 (Address) Terry (Town)
County of Prairie State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ Sec. 20 T. 11N R. 50E

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.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1940 - Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 25 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 artesian

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Commenced & completed approximately - 1940

8. The depth of water table: 400 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled - 5 inch casing - 420 feet deep

10. The estimated amount of groundwater withdrawn each year: 182,500 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: Arnold Jeske

Date: Dec. 30-1963

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

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

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

15617

85490

FILED
at 9:45 o'clock A M.
DEC 30 1963
County Clerk
Deputy
Fee 2.00 11.

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
NOV 6, 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Prairie 20

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Reuben Schober

Address Terry, Montana

Date well started 10/15/27

completed 10/20/72

For Administrator's Use
File 94159
Nov. 3, 1972 3:30 p.m.
GW 1

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

Equipment used cable tool & rotary (Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

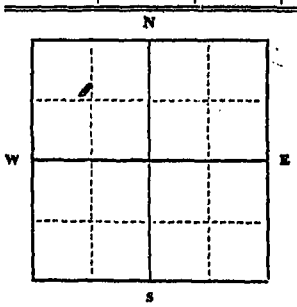
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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)
8"	6 5/8	0	33	none		
3 7/8"	2"	0	455	none		
	3"	455	610	slits	576	600



NW ¼ NW ¼ Sec 20
T 11 (N) R 50 (E)
S W

Static water level flow ft.*
Pumping water level ft.*
at 40 gallons per minute,
measured minutes after pumping began.
*Measured from ground level.
Well developed by
for hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

R.J.H.

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

Driller's Signature Robert C. Bond

Driller's Address Terry, Montana

LICENSE NO. 37

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	9	sandy loam
9	26	gravel & sand
26	43	shale
43	48	sand
48	59	soft rock
59	64	sand
64	65	coal
65	88	shale
88	92	coal
92	145	shale
145	147	rock
147	300	shale
300	303	rock
303	336	shale
336	338	rock
338	380	shale
380	395	shale &sand
395	430	shale
430	462	shale & sand
462	467	rock
467	471	shale & sand
471	475	rock
475	523	sand 20 gpm
523	573	rock & sand
573	603	sand 20 gpm
603	605	rock
605	610	shale

610 Show exact depth of bottom

51,745

94159

Water Hall Log
Operator Schroeder
to
The Public

FILED
at 3:30 o'clock P.M.
NOV 3 1972
John D. Strobel
Viola M. Gallant
Deputy

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

File No.

DUPLICATE

T. 11N R. 50E

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 30 1963 STATE ENGINEER

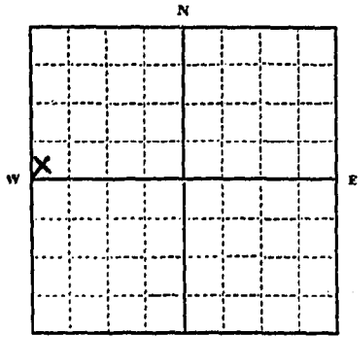
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Reuben Schroeder (Name of Appropriator), of Rte 2 Box 20 (Address) Terry (Town)

County of Prairie State of MONTANA

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



NW ¼ Sec. 20 T. 11N R. 50E

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: Dec. 1952 - Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 30 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 - Artesian

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Commenced Dec. 1952 - Completed Dec. 1952

8. The depth of water table: 540 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 - 2 in. Casing - 540 feet deep.

10. The estimated amount of groundwater withdrawn each year: 7,884,000 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: Reuben Schroeder

Date: Dec. 30-1963

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

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

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

15618

85491

FILED
at 9:45 o'clock A M.
DEC 30 1963
County Clerk
Deputy
Fee 2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4193

21

File No. _____

MONTANA WATER RESOURCES BOARD
RECEIVED
OCT 26 1967

T. 11 R. 50 E

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground _____

(Elev. above sea level _____)

0 - 3	Topsoil
3 - 40	Sand & Gravel
40 - 80	Gray Shale
80 - 85	Sandy Shale
85 - 87	Gray SndStn
87 - 100	Gray Sand/Skfts of Coal
100 - 110	Sandy Shale
110 - 120	Blk. Shale & Coal
120 - 125	Gra. Shale
125 - 135	Gray Sand
135 - 148	Gra. Shale
148 - 154	Rock
154 - 165	Gra. Shale
165 - 167	Rock
167 - 275	Gra. Shale
275 - 290	Sndy Shale
290 - 340	Gray Sand
340 - 350	Gray Shale
350 - 356	Rock
356 - 360	Sand
360 - 370	Gra. Shale
370 - 450	Sandy Shale
450 - 512	Gray Sand
512 - 515	Rock
515 - 525	Gray Sand
525 - 526	Rock
526 - 605	Gra. Sand
605 - 615	Sandy Shale

Owner Albert Jerke Address Terry, Montana

Driller Joe Johnson Drlg. Address Terry, Montana

Date of Notice of Appropriation of Groundwater _____

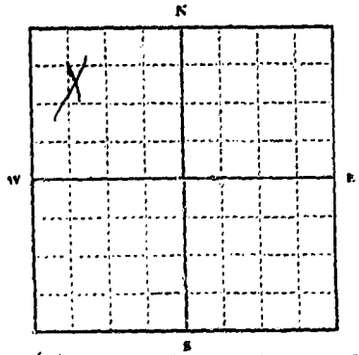
Date well started 9/28/67 Date Completed 9/30/67

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8"	6" ID 19.18#/pf	0	44	NONE		
4½"	2" ID 3.7#/pf	0	615	Holes 3/8"	531	615



NW ¼ Sec. 21 T. 11 R. 50 E

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 18#

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

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

How Tested Flow Length of Test 24 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)

Cemented at 220± ft.

154
Driller's License Number

Joe Jon Johnson
Driller's Signature

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

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

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

42,442

89247

FILED
at 2:00 o'clock P.M.
OCT 25 1967
E. Glenn Johnston
County Clerk
J. Zellmaker
Deputy
Fee 10.00

GW

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

File No.

T. 11 N R. 50 E

DUPLICATE

County PRAIRIE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

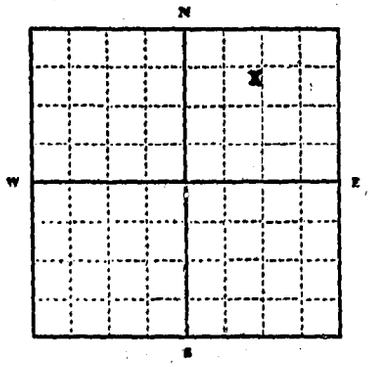
RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Albert or Lorraine Jerke, 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. 21 T. 11 R. 50E

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

2. The beneficial use on which the claim is based
Domestic human consumption

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1955
daily

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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
not used for irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Feb. 20, 1955, Feb. 28, 1955

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
Drilled, 2 in. casing, depth 316 ft.

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

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

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

Signature of Owner Albert Jerke
Lorraine Jerke

Date Dec. 25, 1963

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

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

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

24847

854[redacted]

FILED

at 11:00 o'clock A M.

DEC 30 1963

County Clerk

Deputy

Fee 2.00

85495

FILED
at 11:00 o'clock A M.
DEC 08 1953
County Clerk
Deputy
Fee 2.00 Pd

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

24

File No.....

T. 11N R. 50E

County Prairie

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 20 1963 STATE ENGINEER

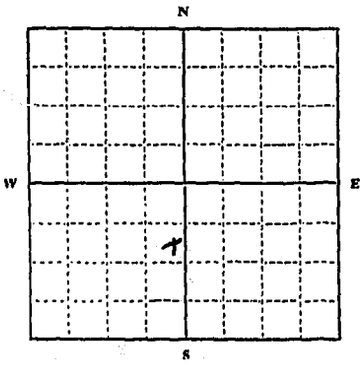
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Haughian Livestock Co., of 111 N. Center, Miles City
(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:



SW¼ Sec. 24 T. 11 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
1949 - Continuous use

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

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

8. The depth of water table 375 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 - 3 inch casing - 475 ft deep

10. The estimated amount of groundwater withdrawn each year 1,102,400 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 Haughian Livestock Co. By Don Haughian

Date Dec. 18-1963

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.

10967

85360

FILED
at 11:10 o'clock A M.
DEC 18 1963
County Clerk
Deputy
Fee 2.00 Pd.

GV

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

29

File No.....

T. 11N R. 50E

DUPLICATE

County PRAIRIE

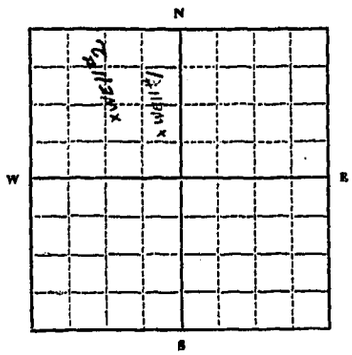
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Bernard Hanson, 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:



N.E. 1/4 N.W. 1/4 Sec. 29 T. 11N R. 50E

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
#1 Well 1951 #2 1961

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
#1 Well 1951 #2 1961

4. The amount of groundwater claimed (in miner's inches or gallons per minute) #1 Well 30 gal Per Min
#2 Well 6 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
Artesian

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater #1 1951 #2 1961

8. The depth of water table #1 Well 265 ft. first land #2 Well 360 ft Second land.

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 Well drilled 2" casing 265 ft
#2 Well drilled 2" casing 260 ft

10. The estimated amount of groundwater withdrawn each year #1 Well 182,500 gal a yr.
#2 Well 3,153,600 gal a yr.

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 Bernard Hanson

Date Dec 19 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.

11854

85380

FILED
at 11:05 o'clock A.M.
DEC 19 1963
County Clerk
Deputy
Fee 2.00

GW

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

File No.

T. 11N R. 50E

County Pearl

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

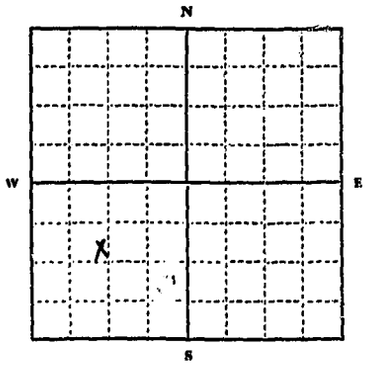
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. James L Reidman (Name of Appropriator), of Neo (Address), Terry (Town)

County of Pearl State of Mont

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



SW ¼ Sec. 30 T. 11 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 Home use and irrigation of garden

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 13 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 1/4 acre EAST of well

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

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

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 250 ft deep 3" casing

10. The estimated amount of groundwater withdrawn each year 2 acre feet

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 UNIT 326

Signature of Owner James L Reidman

Date Dec 26-1963

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

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

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

15619

85492

FILED
at 10:10 o'clock A M.
DEC 30 1963
County Clerk
Deputy
Fee 2.00 Pd.

GW

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

File No.

DUPLICATE

T. 11N R. 50E 31

County PRAIRIE

F.W.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

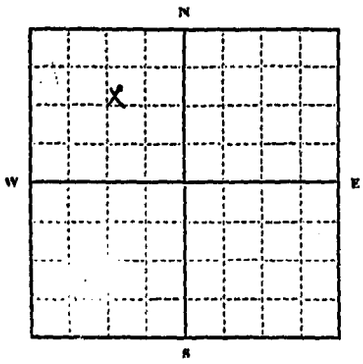
RECEIVED
DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. JAMES L. PRIDEMORE, of ZERO (Address) TERRY (Town)
(Name of Appropriator)

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



NW ¼ Sec. 31 T. 11 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 Nov 1954 USE HAS been continued since the date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 13 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 Artesian APPROXIMATELY 400 feet SOUTH of Highway #16

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Nov 1954

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 Artesian Well 3" Casing Depth 160 ft.

10. The estimated amount of groundwater withdrawn each year 365 000 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 UNIT 325

X Signature of Owner James L Pridemore

Date Dec 26-1963

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

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

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

15620

85493

FILED

at 10:10 o'clock A M.

DEC 30 1963

County Clerk

Deputy

Fee 2.00 Pd.

82459

32

T. 11 R. 50

County Prairie

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
OCT 27 1961
STATE ENGINEER

WATER WELL LOG

Owner George Kalfell Address Terry, Montana

Driller Johnson water Well Service Address Terry, Montana

Date Started Sept 2, 1961 Date Completed Oct 17, 1961

Location: Sec. 32 T. 11 R. 50 ¼ sec.

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 352 ft. Type API Size 12

Casing: 320 ft. to 801 ft. Type 348 Size 8

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 740 to ft. 801 Ft. to ft.

Type of screen or perforations Kalco

Static Water level, for non-flowing well: 115 ft. feet.

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

Pumping water level 147 feet at 8 gal. per min.

How tested: Pump

Length of test 48

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	12	Sand (Top Soil)
12	16	sand and gravel
16	68	Blue Shale
68	80	Coal
80	128	Gray Shale
128	130	Rock
130	135	Dark Shale
135	145	Coal
145	300	Gray Shale
300	315	Green Shale
315	352	Gray Shale
352	390	Gray shale
390	395	Rock
395	410	Sandstone(Blue)
410	412	Coal
412	430	Gray Shale
430	432	Rock
432	470	Green Shale
470	590	Gray Shale
590	640	Blue Sandstone
640	720	Gray Shale W/intermontent thin layers of Rock
720	790	Salt and Pepper Sandstone (Quite Coarse) with layers of shale
790	801	Gray Shale

Approved Stock Form—State Publishing Co., Helena, Montana—61921

33

File No.....

T. 11N R. 50E

DUPLICATE

County Prairie

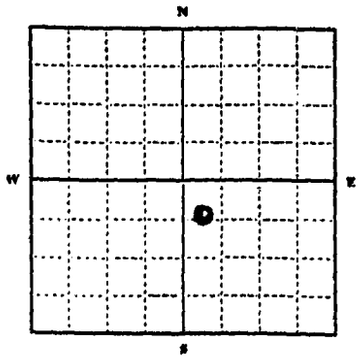
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 13 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ivan J. Barr, 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. ¼ Sec. 33 T. 11 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 use and stock water use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1890

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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
Irrigate lawn & garden
Owner Ivan J. Barr

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Piped down to the house tanks

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1910

8. The depth of water table 25 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 This spring is curbed & dug down to four feet

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

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

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 Ivan J. Barr

Date 12-10-63

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.

8957

85289

FILED
at 2:15 o'clock P.M.
DEC 1 1 1963
E. Glenn Johnstone
County Clerk
Florence Lechuga
Deputy
Fee 2.00

GROUNDWATER INDEX

Page ____ of ____

County PRAIRIE Twp. 11N Rge. 51E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	TUSLER, LESTER D.	GW-4	85252	
2	BENNETT, CHARLES	GW-2	87515	
2	KUEHN, JOHN	WATER WELL LOG	82268	
3	BUREAU OF LAND MANAGEMENT	GW-2	89507	
6	JENS, LESTER	GW-4	83606	
8	BUREAU OF LAND MANAGEMENT	GW-2	85744	
8	BUREAU OF LAND MANAGEMENT	GW-4	84291	
9	TIBBETT, R.L.	WATER WELL LOG	82814	
12	TUSLER, GERALD	WATER WELL LOG	81921	
14	BUREAU OF LAND MANAGEMENT	GW-4	84290	
14	TIBBETTS, R.L.	WATERWELL LOG	82813	
15	FALKENSTERN, ARNOLD H.	GW-4	85340	
17	BUREAU OF LAND MANAGEMENT	GW-2	89512	
18	JENS, LESTER	GW-4	83606	
21	R.L.M.	GW-2	87651	NO APPRIATOR'S NAME
22	KUEHN, JOHN	GW-4	85326	
25	FALKENSTERN, ARNOLD H.	GW-4	85336	
28	FALKENSTERN, ARNOLD H.	GW-4	85337	
33	FALKENSTERN, ARNOLD H.	GW-4	85339	
34	FALKENSTERN, ARNOLD H.	GW-4	85338	
10	TIBBETTS, R.L.	WATER WELL LOG	82816	ADDED FROM N.L.D.'S

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 9 1963 STATE ENGINEER

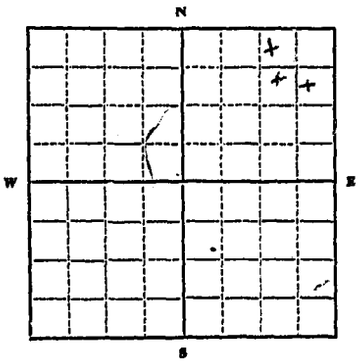
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lester D. Tuzler, 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 Sec. 1 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 household, stock watering & irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1919 — Continuous since that date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 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 Garden irrigation

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Springs developed in 1920 and 1934.

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 Free flowing springs

10. The estimated amount of groundwater withdrawn each year 1,576,800 gallons.

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

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

Signature of Owner Lester D. Tuzler

Date 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.

8088

85252

FILED

at 4:10 o'clock P. M.

DEC - 5 1963

County Clerk

Deputy

Fee 4½ Pd.

GW 2

STATE WATER CONSERVATION BOARD

Approved Stock Form—State Publishing Co., Helena, Montana—41933

File No. NOV 29 1965

T. 11 N R. 51 E. 2

County Prairie

DUPLICATE

Silo ____ McDermott ____
Butte ____ McNulty ____
Coyle ____ Morton ____
Darlinton ____ Sullivan ____
Top of Ground ____

(Elev. above sea level ____)

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)

0' - 119' Sand

119' - 125' Yellow Sandstone

125' - 141' Shale

Owner Charles Bennett Address Terry, Mont.

Driller Joe Johnson Address Terry, Mont.

Date of Notice of Appropriation of Groundwater ____

Date well started Aug. 26, '65 Date Completed Sept. 3, '65

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7 1/2"	6" I.D. 19.45 lb. Iron	0'	141'	Holes & slots 3/4"	119'	141'

Static Water Level for non-flowing Well 114' feet.

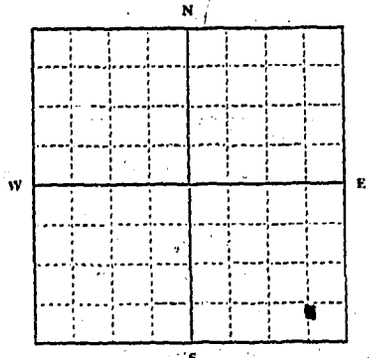
Shut-in Pressure for Flowing Well ____

Pumping Water Level 115 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well ____

How Tested Bailer Length of Test 4 hrs. Approx.

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) ____



SE ¼ SW ¼ Sec. 2 T. 11N R. 51E

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

Show exact depth of bottom.

154
Driller's License Number

Joe Tom Johnson
Driller's Signature

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

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

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

39914

87515

FILED
at 3:00 o'clock P.M.
NOV 26 1965
County Clerk
Deputy
Fee

82268

2

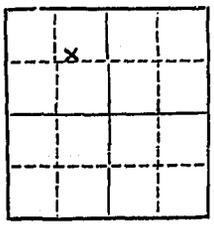
T. 11 R. 51

County Prairie

RECEIVED
JUL 19 1961
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner Mr. John Kuehn Address Terry, Montana

Driller Henry I. Johnson Address Terry, Montana

Date Started June 12, 1961 Date Completed June 19, 1961

Location: Sec. 2 T. 11 R. 51 ¼ sec.

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

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

Industrial [ ] Drainage [ ] Other:

Casing: 0 ft. to 91 ft. Type Std. Size 6"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 81 to ft. 91 Ft. to ft.

Type of screen or perforations Holes & slots

Static Water level, for non-flowing well: 77 feet.

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

Pumping water level 85 feet at 10 gal. per min.

How tested: Bailer

Length of test 2 hrs.

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	91	Sand

GW 2

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

3

MONTANA WATER RESOURCES BOARD
RECEIVED
DEC 1 5 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.....)

0 - 20 Sand
20 - 60 Sand, small gravel
60 - 65 Sandy gravel
65 - 70 Clay
70 - 114 Clay - gray
114 - 120 Clay - Sandstone lenses

Show exact depth of bottom.

Bray Well (M3-R-2222)

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 Briggs Drilling Address Dillon, Montana

Date of Notice of appropriation of groundwater N/A.

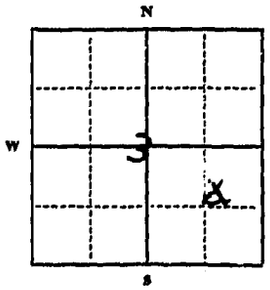
Date well started 8/9/67 Date completed 8/10/67

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)
6"	6" I.D. 19.18#/ft.	+ 2	120	Slots	114	120



NE 1/4 Sec 3 T11N R51E

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

Static Water Level for non-flowing well 42 feet.

Shut-in Pressure for Flowing Well N.A.

Pumping Water Level 44 feet at 45 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.

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.

148
Driller's License Number

Richard L. Briggs
Driller's Signature.

42,654

89507

FILED
at 2:00 o'clock P. M.
DEC 14 1967
Ellis Johnston
County Clerk
Fee 2.00 Pd.
Deputy

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

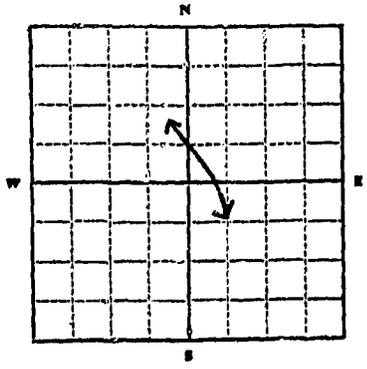
RECEIVED
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lester Jens, 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-NE-SE/4 Sec. 6 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, Household use, Subirrigation

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) 40 gals

5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof 70 acres Subirrigation

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

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 20,024,000

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.

2121

83606

FILED
at [illegible] o'clock [illegible] M.
SEP 17 1962
[illegible]
County Clerk
[illegible]
Deputy
Fee [illegible]

GW 2

Cann's Coulee Well
M3-R-1156

File No.....

T. 11 N. R. 51 E.

DUPLICATE

County... Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 10 1964
STATE ENGINEER

Top of Ground

(Elev. above sea level 2490')

0

Sand
Yellowish
Fine grain

84
Water 10 g.p.m.
cased to bottom

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Bureau of Land Management Address: Box 960, Miles City, Montana

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

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

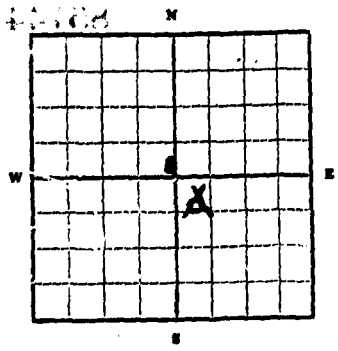
Date well started 1/6/64 Date Completed 1/8/64

Type of well: drilled (dug, driven, bored or drilled) Equipment Used: cable tool (Churn, drill, rotary or other)

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
5 5/8"	4" I.D. 11 15/ft.	+ 2½	84	Hole 3/16" with slot 3/16"x3"	66	84



NW ¼ SE Sec. 8 T. 11N R. 51E

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

Static Water Level for non-flowing Well 62 feet.

Shut-in Pressure for Flowing Well N/A

Pumping Water Level 72 feet at 8 gal. per minute.

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

How Tested bailing test Length of Test 1 hr.

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

2½" x 10" stroke cylinder

Show exact depth of bottom.

Montana 922
Driller's License Number

Henry F. 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.

34864