

STATE OF MONTANA, } no. 286458
County of Richland,

Filed this 31 day of

December A. D. 1963

at 10:58 o'clock P. M.

E. S. Raskin
County Recorder

E. Cook
Deputy

for \$2.00
file

File No. _____

T. 34 N. 56 E.

DUPLICATE

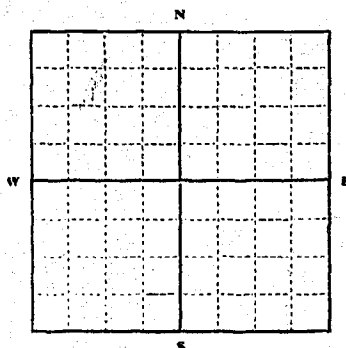
County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Leon Sanders, of Savage
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 34 T. 21 R. 58
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 1953
year me out yr

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

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

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

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

8. The depth of water table 50 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
50 ft 21 in

10. The estimated amount of groundwater withdrawn each year 720000

11. The log of formations encountered in the drilling of each well if available
file at mining - 2000 ft

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 Leon Sanders

Date 12-27-63

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.

69417

STATE OF MONTANA | No. 286091
County of Richland

Filed this 27 day of December 1963.

at 2:05 o'clock P.M.

E. L. Hooker
County Recorder

Thelma Burke
Deputy

Fee \$2.00
filed

File No.

DUPLICATE

T. 21 N. 56 E.

County

Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

1960

Owner

Leon Sanders

Address

Savage

Contractor (if any)

none

Address of Contractor

Date Started.....

Date Completed.....

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

Natural process
3 in
water cows

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.....

year around

Signature of Owner.....

Leon Sanders

Date.....

12-30-63

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.

29559

STATE OF MONTANA, } 286260
County of Richland }
Filed 30 day of
December 63
at 3:04 P.M.
E. L. Kapper
County Recorder
Helena, Montana
for 2.00
filed

File No.

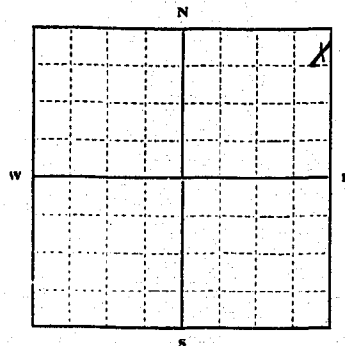
T. 21 N R. 56 E S. 35
County Richmond

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Leon Sanders of Savage
(Name of Appropriator) (Address) (Town)
County of Richmond State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows: $\frac{1}{4}$ Sec. 35 T. 21 N R. 56 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
3. Date or approximate date of earliest beneficial use; and how continuous every day
4. The amount of groundwater 2 1/2 gallons (in minute inches or gallons per minute) withdrawn
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
- Jan 1 1962
- and completion of the construction of the well, wells, or other works for withdrawal of groundwater.

8. The depth of water table
- 50 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
- 1 inch - 18 in

10. The estimated amount of groundwater withdrawn each year
- 144,000

11. The log of formations encountered in the drilling of each well if available
- don't know

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 Leon SandersDate 12-27-63

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.

29418

STATE OF MONTANA,) ss. 286092
County of Richland,

Filed this 27 day of
December 1963
at 2:03 o'clock P.M.
E. L. Kasper
County Clerk
Helen Burke
Deputy

for 200
filed

OW

File No.

DUPLICATE

RECEIVED
MAY 20 1963

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

T. 21 N. P. 56 E.

County. Richland

*See 1963 10/1
Information note
on Original*

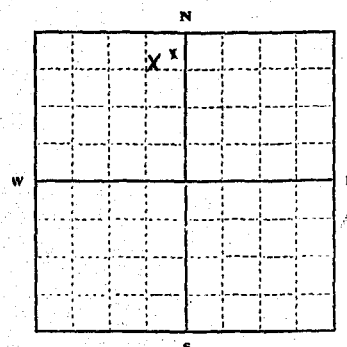
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. C. R. Theisen, of Box 68 Lambert
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. T. R.
Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based
Stock Water - General Farm use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1910 365 days a year
4. The amount of groundwater claimed (in miner's inches or 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
Electric pumps

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
8. The depth of water table.....
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
1 well - 120" x 6"
1 well - 18" x 90"
10. The estimated amount of groundwater withdrawn each year.....
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 C. R. Theisen
Date Dec. 31, 1963

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

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

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

30131

286893

STATE OF MONTANA, } ss.
County of Richland,

Filed this 3 day of

January A. D. 1964

at 3:31 o'clock P. M.

E. D. Harker

County Recorder

E. Cook

Deputy

See 42-0
filed

G

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

File No.

DUPLICATE

Section 100 No. Sec. 70
 Available MAY 20 1964
 STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

T. 21 N. R. 56 E.

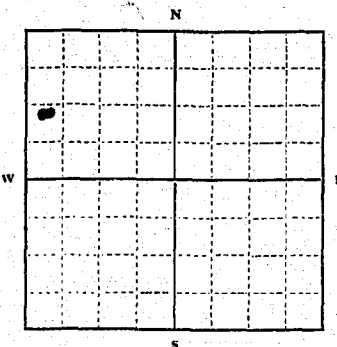
County Richland

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Harold Ler, of Savage,
 (Name of Appropriator) (Address) (Town)
 County of Richland State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. 21 N. R. 56 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, ~~irrigation~~ ~~other~~
3. Date or approximate date of earliest beneficial use; and how continuous the use has been I don't know. ~~probably~~
agreements dated as early as 1930's
or before
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 g.p.m.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Ordinary
lift pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater I don't know

8. The depth of water table I don't know, but has abundant supply

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Bored well, about 2 ft. casing

10. The estimated amount of groundwater withdrawn each year Not being used at present time

11. The log of formations encountered in the drilling of each well if available sand, gravel, clay
as far as I know

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 Harold LerDate Dec. 31, 1963

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

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

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

29629

STATE OF MONTANA, } ss. 286 335
County of Richland,

Filed this 31 day of

Dec. A. D. 1963

at 8:55 o'clock P. M.

C. L. Hooker

County Recorder

R. Hutchison

Deputy

fee: 2.00

filed

GROUNDWATER INDEX

Page 1 of 1

County Richland Twp. 21st Rge. 576.

[illegible]

RECEIVED

County Richland

DEC 15 1969

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Top of Ground

(Elev. above sea level About 1875)

to 1	ft. sod top soil
to 9 1/2	ft. yellow clay
to 27	ft. coarse gravel & coarse
to 31	ft. yellow sandy clay
to 36	ft. hard yellow clay
to 37	ft. small gravel & sand
to 46	ft. gray clay
to 80	ft. sandy yellow clay
to 110	ft. sandier yellow clay
to 119	ft. hard coal - dry
to 125	ft. very fine gray sand and coal chips mixed
to 129	ft. messy gray clay sand & some water.
to 139	ft. firmer gray sand and lots of water here
to 140	ft. clay - blue

End of well:

Carl & Alice Wilson ³⁹²⁶² Address Crane, Montana

Driller Gus J. Petersen Address Sidney, Montana

Date of Notice of appropriation of groundwater June 28 '69

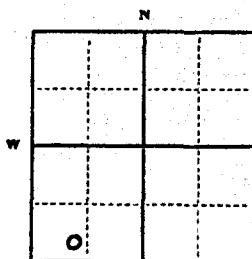
Date well started June 17-'69 Date completed June 26-'69

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

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

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

Water rises to 60 ft. static level				PERFORATIONS		
Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	Kind Size	From (Feet)	To (Feet)
4 1/2"	4 inch I. P. Wt. 11 lbs per ft.	Surface	140		None	



Static Water Level for non-flowing well 60 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level.....75.....feet
at.....6.....gal. per minute.

Discharge in gal. per min. of flowing well

None

How Tested *Shell Baker & Bump*
Length of Test *4 Hours*

Remarks: (Gravel packing, cementing, pack-
ers, type of shutoff) *4 bel 9 sep*

gravel in bottom of well. Pumping unit is

mounted in 9 foot
but cover for sanitation

..... (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).

not so used

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, tiasus copy to be retained by driller.

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

Driller's License Number

Driller's Signature

145-980

3/2930

STATE OF MONTANA, } ss.
County of Richland,

Filed this 11 day of
December A.D. 1969
at 1:30 o'clock, P.M.
Helen L. Lister
County Recorder

Deputy

Fee \$2.00
filed

File No.

T. 21 N. R. 57 E.

DUPLICATE

County Richland

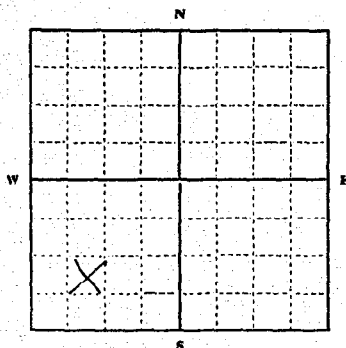
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Earl Wilson and Alice Wilson of Savage
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$ Sec. T R
Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.

2. The beneficial use on which the claim is based
livestock and household use.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1912 - continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
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 cylinder pump located in NE $\frac{1}{4}$ SW $\frac{1}{4}$ Sec. 2, Twp. 21-N., Rge 57-E.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1912
8. The depth of water table 110 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well 4 inch steel casing 140 foot depth
10. The estimated amount of groundwater withdrawn each year 547,500 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 not previously recorded

Signature of Owner

Earl Wilson
Alice Wilson

Date December 17, 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.

29509

286230

STATE OF MONTANA,
County of Richland. } ss.

Filed this 30 day of

Dec. 30 1963

at 3:14 o'clock P. M.

E. L. Karker

County Clerk

W. D. Sullivan

Deputy

Fee: \$2.00

Filed

File No.

T. 21 N 57 E

DUPLICATE

County.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE JAN 30 1964
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1944Owner Donald H. Petuk Address Savage, Mont

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.cylinder pump, windmill

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.....

7 gallons per minute15 feet to water tableford well, 16 in steel casing35 feet deepSignature of Owner Donald H. PetukDate Dec 31, 1963

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

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

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

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

STATE OF MONTANA, }
County of Richland, }

286856

Filed this 3 day of

Jan. A. D. 1914.

at 9:40 o'clock, P. M.

C. L. Kookan

County Recorder

R. Atchison

Deputy

See. 200

filed

File No.

T 21 N R 57 E

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

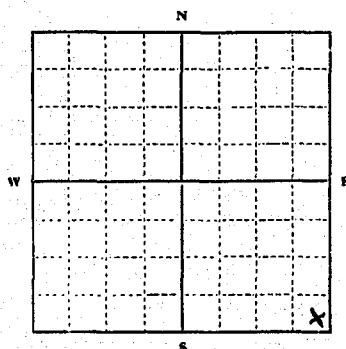
County

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Lyle Larson, of Lambert
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/4 Sec. 6 T. 21 R. 57

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 1924, in continuous use since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 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 not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal cylinder pump with wind power
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1924
8. The depth of water table 30 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 Bored Well, 24 in steel casing, 50 feet deep
10. The estimated amount of groundwater withdrawn each year 100,000 gallons
11. The log of formations encountered in the drilling of each well if available none available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner

Date Dec. 31, 1963

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

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

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

29970

STATE OF MONTANA,
County of Richland,

} ss.

86676

~~286676~~

Filed this 31 day of

Dec. A. D. 19 le 3

at 2:36 o'clock P. M.

Ed Hooker

County Recorder

R. Atchison

Deputy

fee: 2.00
filed

File No.

T 21 N R 57 E

DUPLICATE

County

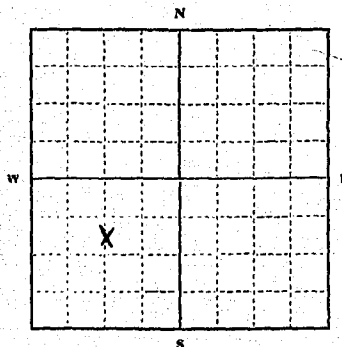
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Iyle Larson, of Lambert
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 6 T. 21 R. 57

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. 1924 - in continuous use since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal running spring
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. natural spring
8. The depth of water table. surface
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. natural pressure
10. The estimated amount of groundwater withdrawn each year. 350,000 gallons
11. The log of formations encountered in the drilling of each well if available. none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. none

Signature of Owner Iyle LarsonDate 12/31/63

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

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

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

29973

STATE OF MONTANA, } ss. 286679
County of Richland,

Filed this 31 day of

Dec. A. D. 1963

at 2:37 o'clock P.M.

D. L. Kooker
County Recorder

R. Atkinson
Deputy

fee: 200

filed

OW

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

File No.

T. 21 N. R. 57 E

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

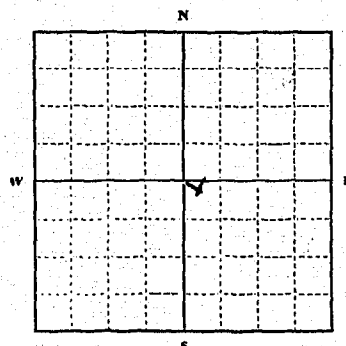
JAN 10 1964

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Iyle Larson, of Lambert
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 8 T. 21 R. 57

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 1924 - in continuous use since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 9 gallon per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal cylinder pump
wind power
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1924
8. The depth of water table 20 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled 6" casing 80 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 none available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Iyle LarsonDate Dec. 31, 1963

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

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

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

2997'

STATE OF MONTANA, } ss. 286677
County of Richland;

Filed this 31

Dec. A. D. 1903

at 2:37

o'clock P. M.

E. L. Kaden

County Recorder

R. Nicholson

Deputy

fee: 200

filed

File No.

T. 21 N. R. 57 E.

DUPLICATE

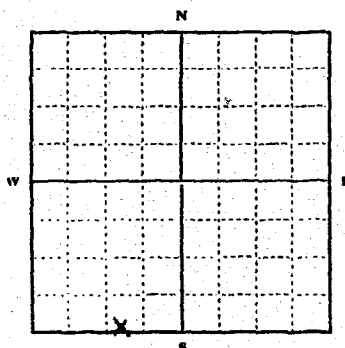
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Donald H. Petrik, of Savage
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 9 T. 21 N. R. 57 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. 1940 in continuous use since
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. not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. cylinder pump, west well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1940
8. The depth of water table. 20 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. hand, 2 ft steel casing, 40 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. none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. none

Signature of Owner Donald H. PetrikDate Dec 31, 1963

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

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

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

STATE OF MONTANA, } ss. 286858
County of Richland,

Filed this: 3 day of

Jan. A. D. 1964.

At 9:42 o'clock, A. M.

Ed Hooker

County Recorder

B. Erickson

Deputy

for: a ce

filed

9

File No.

T. 21^N R. 57^E

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

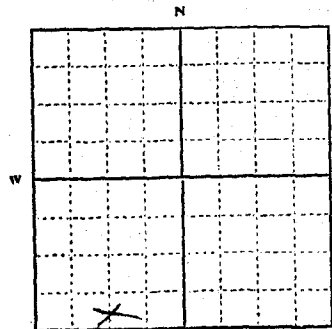
Owner Donald A. Peltz Address Swage Street

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. natural spring

1/4 Sec. T. R. S.
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

15 gallons per minute

Signature of Owner Donald A. PeltzDate Dec 31, 1963

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

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

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

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

30114

STATE OF MONTANA, } ss. 286857
County of Richland,
Filed this 3 day of
Jan A. D. 1964
at 9:21 o'clock P. M.
C. S. Korken
County Recorder
R. A. Johnson
Deputy

fee: 2.00
filed

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 Dele Eden and/or Beverly Eden
Address Crane, Montana
Date well started 4, Jan 1973
completed 8, Jan 1973

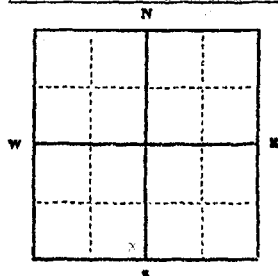
For Administrator's Use
File # 325393
Jan 19, 1973 at 10:55 AM
GW 1 Drilled
Club & Rite
by J. Crater

Type of well drilled
(Log driven, bored or drilled)
Equipment used chain drill
(Hand, 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 3,000,000 gal's

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
8" <u>6" x 1.4</u>	<u>8.97"</u>	0	214	NONE



Static water level 110 ft.*
Pumping water level 160 ft.*
at 30 gallons per minute,
measured 30 minutes after pumping
began.
*Measured from ground level.
Well developed by _____
for _____ hours.
Power 100 HP
Remarks: (Gravel packing, cementing,
packers, type of shut-off)

1/4 1/4 1/4 1/4
T. 21 N. 17 E.
XX S XX W

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

Driller's Signature [Signature]
Driller's Address Box 1102 Sidney, Montana

LICENSE NO. 177

County Richmond 10

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	4	air
4	6	pit
6	28	gravel
28	63	brown clay
63	81	coal
81	93	coal sand mud
93	115	gray shale
115	183	gray shaly sand
183	189	coal
189	212	gray shale
212	220	coal water

220 ft Show exact depth of bottom

52243

325 393

STATE OF MONTANA, }
County of Richland, } ss.

Filed this 19 day of

Jan A. D. 19 73

at 10:55 o'clock, A. M.

Helen Heiber
County Recorder

Jay Ostermeyer
Deputy

Filed

Fee: \$2.00

File No.

T. 21 N. R. 57 E.

DUPLICATE

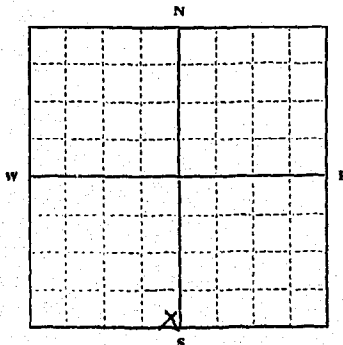
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Donald H. Petrick, of Savage,
(Name of Appropriator) (Address) (Town)
County of Richland 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. 21 N. R. 57 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 Domestic
and stock water

3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been 1920

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 7 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
not applicable

6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal
cylinder pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater 1920

8. The depth of water table 65 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater drilled well, 6 in casing, 85 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 none

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

Signature of Owner Donald H. PetrickDate Dec 31, 1963

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

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

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

30116

STATE OF MONTANA, } ss. 286859
County of Richland,

Filed this 3 day of
Jan. A. D. 19 64
at 9:43 o'clock, A. M.

R. L. Kocke
County Recorder
R. Atchison
Deputy

fee: 2⁰⁰
filed

File No.

T. 21 N. R. 57 E. 213

DUPLICATE

County Richland

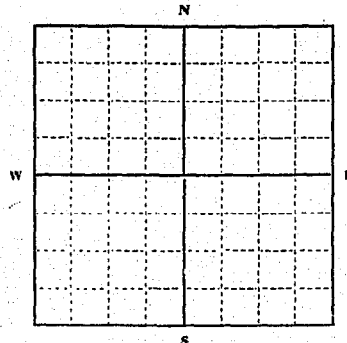
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Peter D. Thiessen & Nancy Mae Thiessen, of Route #1, Savage
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 13, T. 21 N. R. 57 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 watering of livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1947
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Not applicable
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Windmill pump
And the well is located in about the center of Section 13.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Not applicable
8. The depth of water table Approx. 60 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 The well is bored 24" hole and about 60 feet deep.
10. The estimated amount of groundwater withdrawn each year 185,000 gallons
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

Peter D. Thiessen
Nancy Mae Thiessen

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 to the Appropriator.

29661

STATE OF MONTANA, } ss. 286367
County of Richland,

Filed this 31 day of

Dec. A D 1963

at 9:27 clock P. M.

E. L. Kooker

County Clerk

R. Atchison

Deputy

fee: 2.00

filed

JW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42262

File No.

T. 21 N. R. 57 E.

DUPLICATE

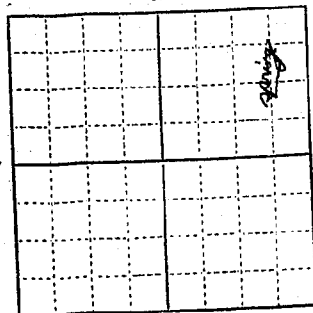
County—Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater—1947Owner—Peter D. Thiessen
Nancy Mae Thiessen Address—Rt. 1 Savage, Mont.Contractor (if any) —Not ApplicableAddress of Contractor —Not applicableDate Started—Not applicable Date Completed—Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural Spring. No dredge.this spring occasionally to make reservoir for the water.

1/4 Sec. 18 T. 21 R. 57
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. Five months a year when ever we have livestock on the pasture.Signature of Owner—Peter D. Thiessen
Nancy Mae ThiessenDate—Dec. 30, 1963

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

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

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

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

29873

286580

STATE OF MONTANA, }
County of Richland, } ss.

Filed this 31 day of
December A. D. 19 63
at 1:00 o'clock P.M.

E. L. Kooker
County Recorder
E. Cook
Deputy

fee \$2.00
filed

File No.

T. 31 N. R. 57E

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

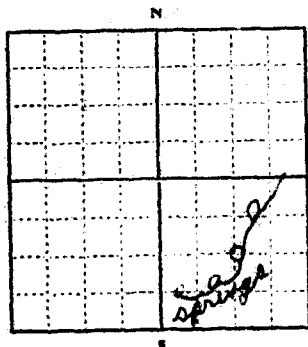
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....1947

Owner Peter D. Thiessen Address Rt. 1 Savage, Mont.
~~Nancy Mrs. Thiessen~~Contractor (if any) NoneAddress of Contractor Not applicableDate Started Not applicable CompletedDescribe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural springsWater comes to the surface

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 two or threemonths a year when we have livestock on the pasture.SE 1/4 of Sec. 14, T22, R57

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

Signature of Owner Peter D. ThiessenDate Dec. 30, 1963

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

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

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

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

286579

STATE OF MONTANA,)
County of Richland,) ss.

Filed this 31 day of

December A.D. 1963

at 12:59 o'clock P.M.

E. S. Kerkel
County Recorder

E. L. Cook
Deputy

fee \$2.00
filed

15

File No.

T. 21^N R. 57^E

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner Donald H. Pituk Address Savage, Mont.

Contractor (if any)

Address of Contractor

Date Started Date Completed

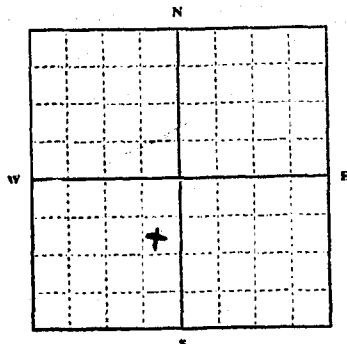
Describe means of obtaining groundwater without a well "as-by sub-irrigation and other natural processes". Include depth to water when applicable.

natural spring

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.

5 gallons per minute continuously



S. 1/4 Sec 15 T. 21 N. R. 57 E.
Indicate point of appropriation and place of use, if possible.

Signature of Owner Donald H. Pituk

Date Dec 31, 1963

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

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

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

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

File No.

T. 21st R. 57 E

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

(D)
JAN 10 1964

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner Donald H. Pith Address Savage, Mont.

Contractor (if any)

Address of Contractor

Date Started Date Completed

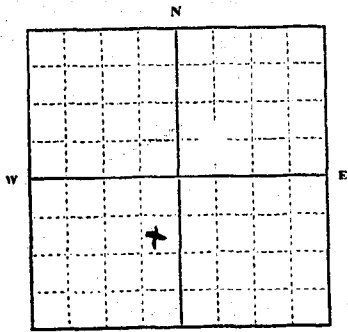
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

natural spring

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.

5 gallons per minute continuously



S. 1/4 Sec. 15 T. 21 R. 57
Indicate point of appropriation and place of use, if possible.

Signature of Owner

Donald H. Pith

Date Dec 31, 1963

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

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

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

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

286855

STATE OF MONTANA, } ss.
County of Richland, }

Filed this 3 day of

Jan. A. D. 19 64

at 9:30 o'clock P.M.

Ed Hooker

County Recorder

Batchelor

Deputy

fee: 2.00
filed

File No.

T. 21 N. R. 57 E.

DUPLICATE

County Richland

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

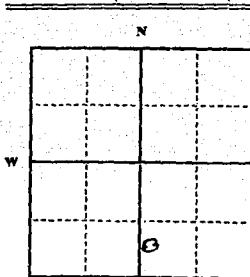
Top of Ground
(Elev. About 1965)

to 7 ft. gravel mixed dark clay
to 14 ft. yellow clay
to 28 ft. solid gravel + coarse sand
to 33 ft. pure gray sand
to 37 ft. gravel + sand
to 53 ft. gravel + coarse sand
to 62 ft. greenish clay
to 63 ft. gummy coal layer
to 64 ft. rough gravel
to 67 ft. hard coal
to 69 ft. hard gray clay
to 77 ft. sandy gray clay and a bit of water!
to 82 ft. gray clay
to 83 ft. hard coal
to 87 ft. hard blue clay
to 92 ft. softer blue clay
to 114 ft. gray clay
to 120 ft. sandy gray clay
to 124 ft. more sandy, a little water
to 128 ft. coarser bluish sand
to 132 ft. black speckled bluish sand + lots more water
to 133 good sand -
End of well.

Owner Donald H. + Thelma Jean Patrik Address Route 1 Savage, MontanaDriller Ray J. Petersen Address Sidney, MontanaDate of Notice of appropriation of groundwater June 3 - 1969Date well started May 23 - 69 Date completed June 16 - 69Type of well Drilled Equipment used table 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)
7 inch	6" O.D. Wt. 10.50 lb. per ft.	Surf	132	none		

Static Water Level for non-flowing well 90 feet.Shut-in Pressure for Flowing Well nonePumping Water About 1.05 feet at 8 gal. per minute.Discharge in gal. per min. of flowing well noneHow Drill bailer also pumpLength of Test 4-5 hoursRemarks: (Gravel packing, cementing, packers, type of shutoff) Casing is cemented at ground level for support and sanitationDoc. No. 213369

Filed for record

this 17 day of JanuaryA. D. 19 70, at 2:44o'clock PM.

S.W. 1/4 S.E.

MONTANA WATER RESOURCES BOARD

RECEIVED

JAN 15 1970

1/4 Sec. 16, T. 21, R. 57
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

USE—If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e.: Lot, Block and Addition).

not so used132 feet
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.

Driller's License Number 111Driller's Signature Ray J. Petersen46046

313369

STATE OF MONTANA, } ss.
County of Richland

Filed this 14 day of

January A.D. 1970

at 2:00 o'clock P.M.

Helene Drake
County Recorder

Deputy

Fee \$2.00
filed

T. 21N R. 57E ¹⁹
County RICHLAND
RECEIVED
JUL 5 1960

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

STATE ENGINEER

Owner Arthur Sharbona Address Sage, Mont
Driller David Gulbon Address Sidney, Mont
Date Started May 26, 1960 Date Completed June 8, 1960
Location: Sec. 19 T. 21 R. 57 1/4 sec. NE

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

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

Casing: 0 ft. to 163 ft. Type Steel Size 6"

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: 130 feet.

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

Pumping water level 130 feet at 18 gal. per min.

How tested: Bailer

Length of test 3 HRS

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

Gravel in bottom

(over)

Log of Well

[illegible]

OW.

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

File No.

T. 21 N. R. 57 E. 22

DUPLICATE

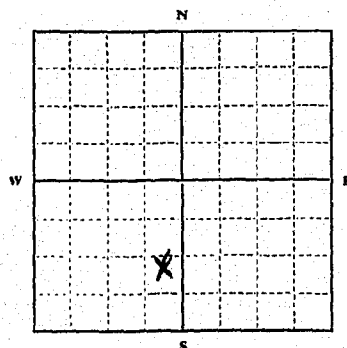
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Iyle Larsen of Lambert
(Name of Appropriator) (Address) (Town)
County of Richland 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. 21 R. 57

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 Use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1924 - in continuous use since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 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 not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Cylinder Pump powered by electric motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1924
8. The depth of water table 30 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 dug well 24" wood casing, 50 feet deep
10. The estimated amount of groundwater withdrawn each year 100,000 gallons
11. The log of formations encountered in the drilling of each well if available none available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Iyle LarsenDate Dec. 31, 1963

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

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

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

29969

STATE OF MONTANA, } ss. 286675
County of Richland,

Filed this 31 day of
Dec. A. D. 1963
at 2:35 o'clock P. M.

E. A. Hooker
County Recorder
B. Johnson
Deputy

fee: 200
filed

T. 21N R. 57E 22
County Richland

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1920

WATER WELL LOG

STATE ENGINEER

Owner George E. Miller Address Livingston, Mont

Driller _____ Address _____

Date Started 1920 Date Completed 1920

Location: Sec. 20 T. 21 R. 57 1/4 sec.

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

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

Casing: 70 ft. to _____ ft. Type _____ Size _____

Casing: 23 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.

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

Pumping water level 15' feet at _____ gal. per min.

How tested: Measured

Length of test _____

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

(over)

274698
County of Richmond,
Filed this 28 day of
Dec A.D. 1861
at 4:39 o'clock, P.M.
E. L. Karker
County Recorder
D. Sullivan
Deputy

File No.

T 21 N R 57 E

DUPLICATE

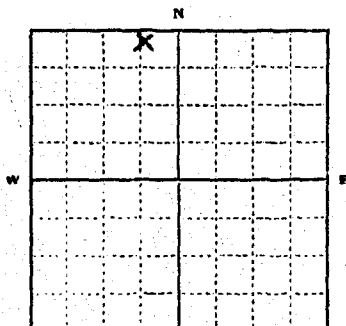
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lyle Larson, of Lambert
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/4 Sec 23 T 21 R 57

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

2. The beneficial use on which the claim is based Domestic and Stock Water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1944
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 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 not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1-piston pump with electric motor and submersible pressure system
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1944
8. The depth of water table 50 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 bored well, 24" wood casing, 50 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 none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner Lyle LarsonDate Dec. 31, 1961

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.

STATE OF MONTANA, 286680
County of Rockland,
Filed this 31 day of
Dec. A.D. 1963.
at 2:10 P.M.
J. K. Kerkner
County Recorder
P. A. Johnson
Deputy

fee: 220
filed

File No.

T. 21 N R. 57 E

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

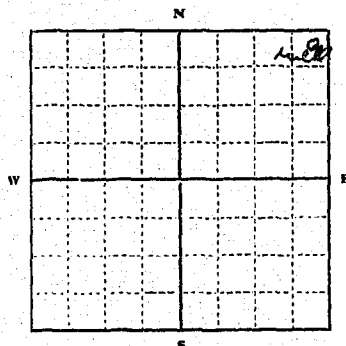
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Peter D. Thiessen
 1. **Nancy Mae Thiessen** of **Route One** **Savage**
 (Name of Appropriator) (Address) (Town)

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



NE 1/4 of Sec. 24, T. 21 N. R. 57 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 Watering Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1949
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Not applicable
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump and motor located NE 1/4, Sec. 24, T. 21 N. R. 57 E.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Not applicable
8. The depth of water table 110'
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 8" depth is 100 to 180 ft.
10. The estimated amount of groundwater withdrawn each year 100,000 gallon
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

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.

29662

STATE OF MONTANA, } ss. 286368
County of Richland, }
this 31 day of
Dec. A.D. 1963.
9:28 o'clock
C. L. Rooker
County Rep.
R. Atchison
Deputy

fee: 2.00
filed

File No.

T. 21 N. R. 57 E. 26

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Notice of Completion of Groundwater Appropriation
Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner Marian Bergstedt Address Savage, 1 MontanaContractor (if any) None

Address of Contractor

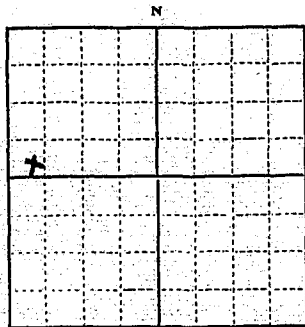
Date Started Date Completed

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

Natural Spring

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.

7 months This spring will water 100 head of cattleNW 1/4 Sec 26 T 21 R 57

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

Signature of Owner Marian BergstedtDate Dec 23 - 1963

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

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

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

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

286154

STATE OF MONTANA,
County of Richland, }

Filed this 30 day of
December A. D. 19 63

at 11:42 o'clock P.M.
E. L. Krohn
County Recorder
E. Cook
Deputy

for \$200
paid

File No.

T. 21 N. R. 57 E.

DUPLICATE

County Richland

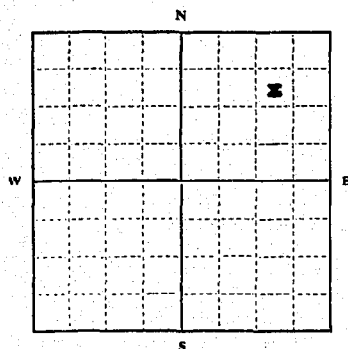
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Marian Bergstedt, of Savage
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

S.W. 1/4 Sec. 26 T. 21 R. 57

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,
Lawn and Garden irrigation, Stock water

3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been. 1949 used continuously

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 16 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
Lawn and Garden 7 acres

6. The means of withdrawing such water from the ground and the loca-
tion 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 with-
drawal of groundwater. 1949

8. The depth of water table. 14 feet 45 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. 24 in. bored well, 65 feet deep

10. The estimated amount of groundwater withdrawn each year. 240,000 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 Marian BergstedtDate 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.

29456

286152

STATE OF MONTANA, }
County of Richland, } ss.

Filed this 30 day of
December A. D. 1963
at 11:38 o'clock, 7 M.

C. L. Hooker
County Recorder
C. Cook
Deputy

fee \$20.00
filed

File No.

T. 21N R 57E

DUPLICATE

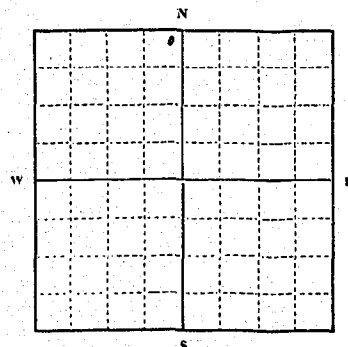
County. Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 18 1963

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

1. ARNIE R. LER, of SAUCE
(Name of Appropriator) (Address)
County of RICHLAND State of MONTANA (Town)
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec 26 T21 R57

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
and household

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

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal lift pump
commonly used for farm and stock
wells

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

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.

Based well approx 100 feet deep
well is past 50 years old

10. The estimated amount of groundwater withdrawn each year ?

11. The log of formations encountered in the drilling of each well if available none well is
past fifty years old, no information 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 Arnie Ler

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.

9867

STATE OF MONTANA, }
County of Richland, }

285721

Filed this 16th day of

Dec. A. D. 1963

at 9:26 o'clock P. M.

E. L. Kooker

County Recorder

R. Atchison

Deputy

fees \$ 2.00
filed

GW 3

File No.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 21 N 57 E 28
R.
County Richland
RECEIVED
DEC 18 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

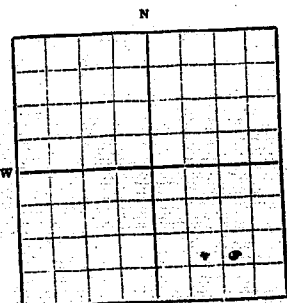
Owner ARNIE P. LER Address SE 1/4 Sec 28 T21 R57

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. Surface water
fed by natural percol.



SE 1/4 Sec 28 T21 R57
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

used during summer for
livestock

Signature of Owner Arnie Ler

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.