

GW 3

File No.

DUPLICATE

T. 27 R. 11

County Choteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater MAY - 1963

Owner MILDRED E. MARTEN

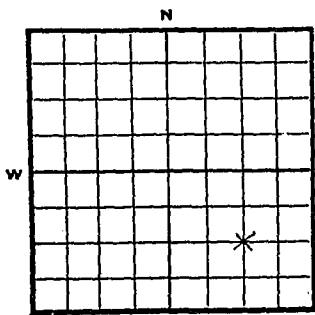
Address BIG SANDY

Contractor (if any)

Address of Contractor

Date Started MAY 15, 1963 Date Completed MAY 30, 1963

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



SE 1/4 Sec. 14 T. 27 R. 11

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

TWO GALLONS PER MINUTE

Signature of Owner Mildred E. Marten

Date Dec 22 - 1963

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

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

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

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

26021

GW-3

File No. _____

DUPLICATE

T. 27 N. R. 11 E.

County CascadeSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

STATE ENGINEER

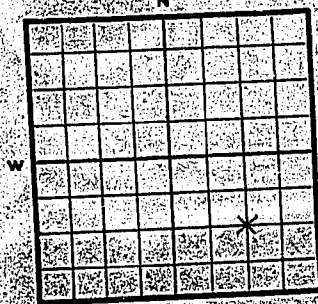
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater MAY 15 1963Owner MILDRED E. MARTENAddress BIG SANDY

Contractor (if any) _____

Address of Contractor _____

Date Started MAY 15, 1963 Date Completed MAY 30, 1963Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. NATURAL SPRING

SE 1/4 Sec 14 T27R11

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.

TWO GALLONS PER MINUTESignature of Owner Mildred E. MartenDate Dec 22 - 1963

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

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

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

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

26021

signed by the undersigned for the State of
 Original to the County Clerk and recorded in the
 proper record and direction. It is attested to the
 effect the seal are correct.
 Upon review of this matter and the County Clerk and recorder of the County in
 this form to be perfected by construction. It is hereby confirmed by the County

STATE
 COUNTY

Filed _____
 at _____
 on _____
 By _____
 No. 2

346657

STATE OF MONTANA,
COUNTY OF CHOUTEAU.

Filed DEC 26 1963 12

at 6 o'clock 1

George W. Harvey
County Clerk

By _____ Deputy

Has 2 _____ Pk

[illegible]

17

any species of the *Discotheca*
 genus being of considerable

with confidence and accuracy, and the results of the investigation are as follows:

with a significant and often negative correlation" (p. 107). Fourth, research

RECEIVED

GW 3 Revised 1969
2051-1500-1/71

JUN 27 1973

County Chouteau

STATE OF MONTANA
MONTANA DEPARTMENT OF NATURAL
RESOURCES AND ENVIRONMENTAL
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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.

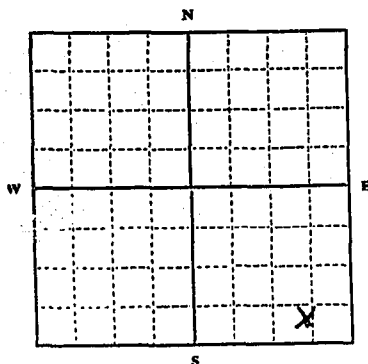
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 371161

June 25, 1973

GW 1 4:00 p.m.



SE $\frac{1}{4}$ S.E. $\frac{1}{4}$ Sec 74

T 27 N R 11 E

S W

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or esti-
mated _____

Owner Halverson Ranch

Address Big Sandy Mont.

Contractor (if any) _____

Address of Contractor _____

Date Started 5-20-50 Date Completed 5-25-50

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) _____

Developed Spring

2. Means of withdrawing water (gravity, pump, canal, etc.) _____

gravity flow

3. Depth of water table _____

4. Use of the water stock water

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

6. If used for irrigation, give number of acres and description of land _____

7. Estimate amount of water used each year 2,000,000

8. Months of year spring flows 12

Signature of Owner Halverson Ranch Inc
by Allen Halverson

Date 6-25-73

54,225

Handwritten: *1st of 2 pages*
Tr M 1st of 2

Handwritten: *County of Chouteau*

Handwritten: *County of Chouteau*

#371161
STATE OF MONTANA
COUNTY OF CHOUTEAU
Filed JUN 25 1973
at \$11.00
By *[Signature]* County Clerk
By _____ Deputy
Fee \$ 2.50 Paid

File NO. _____

T 27 R 11E

DUPLICATE

County Chouteau

Top of Ground

(Elev. above sea level _____)

1 top soil
34 brown clay
78 blue shale
83 gravel shale water
95 gray shale

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Measurement

(Under Chapter 237, Montana Session Laws, 1961)

Owner ~~Richard Marten~~ Address ~~Big Sandy Montana~~Driller ~~Simpson Drilling Co.~~ Address ~~Malta, Montana~~

Date of Notice of appropriation of ground water _____

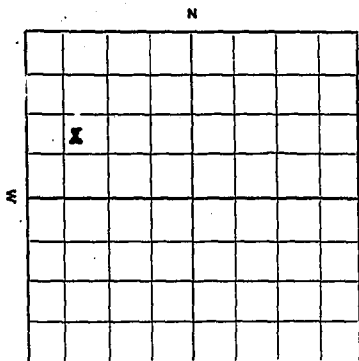
Date well started 1/1/1965 Date Completed 4/7/1965

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	EXPLORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6" 19BLS	1' A.G.	35			
5"	11BBS	32'	95'	3/16	78	83



S4 NW 5 Sec 14 T 27 R 11
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing well
_____ 37 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 80 feet

at 3 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailer

Length of Test 2 Hours

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

Driller's License Number 15

Driller's Signature Purdy Jacobson

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 Appropriator.

39198

DUPLICATE

Top of Ground

(Elev. above sea level)

top soil
brown clay
blue shale
gravel shale water
gray shale

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Milred Marten Address Big Sandy, Montana

Driller Simpson Drilling Co. Address Malta, Montana

Date of Notice of appropriation of ground water _____

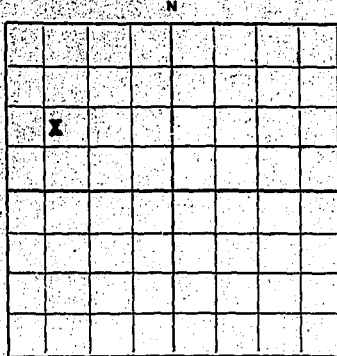
Date well started 4/1/1965 Date Completed 4/7/1965

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
7" 5"	6" 19BLS 4" 11BBS	1' A.G. 32'	35 95'	Kind Size 3/16
				From (Feet) 78
				To (Feet) 83



S4 14 14 14 14 14 14 14 14 14
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing well _____
feet

Shut-in Pressure for Flowing Well _____

Pumping Water Level _____ feet

at _____ gal. per minute

Discharge in gal. per min. of flowing well _____

How Tested Bailer

Length of Test 2 Hour

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

Driller's License Number

Paul Jacobson
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 Appropriator.

95

Show exact depth of bottom.

39/19

Filed June 9 1965
9 20 o'clock 2
George W. H. H. County Clerk
Violet M. Jones Deputy
220 P. 44

File No. _____

DUPLICATE

T. 22 R. 11

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

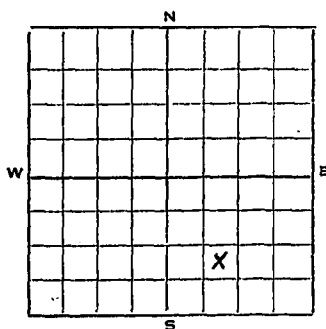
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. William M. Lavitt Jr. of Loma
(Name of Appropriator) (Address) (Town)

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



NESWSE
1/4 Sec. 19 T22 R11

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 House, stock, gardens and lawn
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1900
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 gals. 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 1/4 acre lawn and garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1900
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 Aug 30 in. X 26 ft
10. The estimated amount of groundwater withdrawn each year 75,000 gals
11. The log of formations encountered in the drilling of each well if available unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record unknown

Signature of Owner William M. Lavitt Jr.

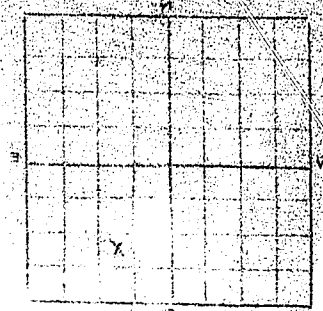
Date Dec 31, 1963

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 School of Mines and Quadruplicate for the Appropriator.

26332



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

1. The amount of groundwater obtained (in minutes) per minute.
2. The point of use on which the claim is based.
3. Date of appropriation date of earliest beneficial use, and the date when the use has been.

4. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
5. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater.
6. The depth of water table.
7. So far as it may be available, the type, size and depth of each well on the general specifications of any other works for the withdrawal of groundwater.
8. The estimated amount of groundwater withdrawn each year.
9. The log of formations encountered in the drilling of each well, if available.
10. 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.

STATE OF MONTANA,
COUNTY OF CHOUTEAU, ss.
I, George W. Hargis, Clerk of County of Chouteau, do hereby certify that the foregoing is a true and correct copy of the record of the County of Chouteau, Montana, as the same appears from the records of said County.

Filed DEC 31 1963

at 6:00 o'clock PM.

by George W. Hargis, Clerk

Witness my hand and the seal of said County, this 20 day of December, 1963.

GW 3

File No.

DUPLICATE

T. 27 R. 11

County F. CLAY

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Dec. 19, 1963

Date of Appropriation of Groundwater

Owner Allen Halverson
Big Sandy Montana

Address

Contractor (if any)

Address of Contractor Sept 9, 1963 Sept 9, 1963

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other ~~means~~" Include depth to water approximately 8' deep, and is

built up with concrete pipe.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate length of period of use

It is used approximately eight months of a year to water cattle

Halverson Ranch, Inc.

by Allen Halverson

Signature of Owner Dec. 19, 1963

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 School of Mines and Quadruplicate for the Appropriator.

26094

File No.

RECEIVED

DUPLICATE

AUG 2 1973

STATE OF MONTANA

MONTANA DEPARTMENT OF MINES AND GEOLOGY
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 27

R. 11E

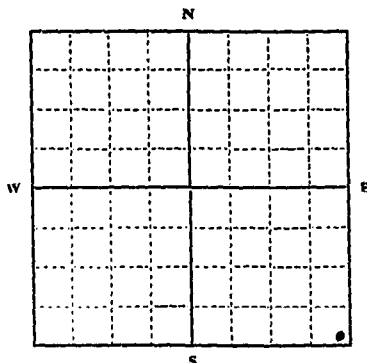
County

Chouteau

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Gordon W. & Una Mac Schlack of Route 4 Box 4
 (Name of Appropriator) (Address) (Town)
 County of Gallatin State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec 29 T. 27N. R. 11E.

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

371485

6-29-73

4000 ft.

2. The beneficial use on which the claim is based domestic
use & stock-water

3. Date or approximate date of earliest beneficial use; and how continu-
 ous the use has been 1942 continuous
use to present date

4. The amount of groundwater claimed (in miner's inches or gallons
 per minute) 80 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
N.A.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
 drawal of groundwater 1942 commencement 1942 completion

8. The depth of water table 189 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 Deep cased well pumped by
pipe 227 feet deep 15 casing

10. The estimated amount of groundwater withdrawn each year 50,000 gal

11. The log of formations encountered in the drilling of each well if available Not available
Drilled by D.A. McCoy, deceased

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 Well used in connection
with use for livestock, around buildings on farm

Signature of Owner

Gordon W. Schlack Una Mac Schlack

Date

6/29/73

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.

5-6288

STATE OF MONTANA
COUNTY OF CHOUTEAU

...

...

...

...

#371485

STATE OF MONTANA }
COUNTY OF CHOUTEAU }

Filed JUN 29 1973

at 4:00 o'clock P.M.

George W. Lowrey
County Clerk

By Deputy

Fee \$ Paid

GW 3

File No.

DUPLICATE

T. 27 R. 11County ChouteauSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

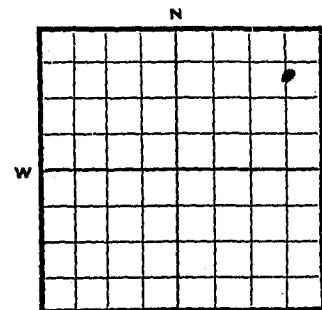
Date of Appropriation of Groundwater Dec. 27, 1963Owner State of Montana (Allen Halverson)Address Helena Montana

Contractor (if any)

Address of Contractor

Date Started 1962 Date Completed 5/25/62

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

spring is dug out about 8' deep and natural flowNE $\frac{1}{4}$ NE Sec. 36 T. 27 R. 11

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

It is used during summer months.Signature of Owner Allen HalversonDate Dec. 27, 1963

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

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

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

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

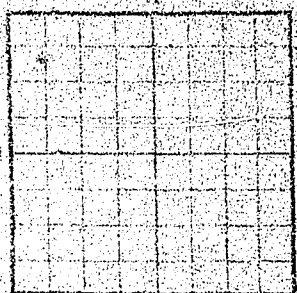
26093

Date of Application or Commencement of Work _____
 Name of Applicant _____
 Address of Applicant _____
 City _____
 State _____
 Post Office _____
 Telephone _____
 Date Started _____
 Date Completed _____

Describe means of obtaining groundwater, whether by well, or by other means, and other natural processes. Indicate depth to water when applicable.

Quantity of water developed and used with explanation of method used to measure or estimate such quantity. If use is intermittent, estimate approximate length of periods of use.

Signature of Applicant _____
 Title _____



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

This form to be prepared by applicant (if any) or by contractor (if any) and to be filed with the County Clerk and Recorder of the county in which the work is located.

These copies of this notice are to be filed with the County Clerk and Recorder of the county in which the work is located.

4346746
 STATE OF MONTANA
 COUNTY OF CHOUTEAU
 Filed December 27 1963
 at 11:00 o'clock a.m.
 George W. Harvey
 County Clerk
 by Victor M. Jewel Deputy
 25 Paid

Page / of /

Twp. 27 N

Rge. 12 E

[illegible]

G. 4

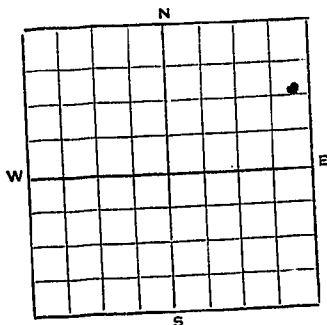
File No.

DUPLICATE

T. 27 R. 12

County ChouteauRECEIVED
JAN 7 1964STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)1. Turk Ranch Inc. Am Turk, of Big Sandy
(Name of Appropriator) Pres (Address) (Town)County of Chouteau State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

NE 1/4 NE 1/4 Sec. 3 T. 27 R. 12

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 Farmstead - Stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1944 - Continuous since 1947 - Prior to then for stockwater
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Minimum of 10 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Present well drilled in 1944. It was a previous well, which was abandoned, approximately 55 feet
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 drilled well about 6" in diameter and approximately 60 feet deep
10. The estimated amount of groundwater withdrawn each year 36,500 gal or more
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

Turk Ranch Inc. Am TurkDate 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 School of Mines and Quadruplicate for the Appropriator.

26048

3 4 6 6 9 0

FILED DEC 26 1963

County Clerk

Recd 200 Paid

10. The estimated β parameters are given by

[illegible]

REC'D - 175

to which water was poured, and some of the water passed
 2. It used for irrigation, like the concrete and gravel-formation of the tunnel.

File No. _____
DUPLICATE

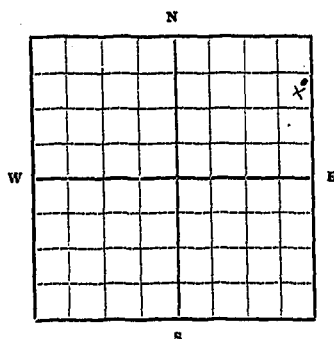
T. 27 N. R. 12 E. 4
County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
JAN 24 1962
STATE ENGINEER

1. Leonard M. Sorensen, of Big Sandy, Montana
(Name of Appropriator) (Address) (Town)
County of Chouteau State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 4 T. 27 R. 12

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

2. The beneficial use on which the claim is based stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1916-1920
Used through years 1936-1950 continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1.5 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 windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Exact date of commencement and completion not known.
Windmill erected in 1940.
8. The depth of water table approximately 100 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 casing
100 ft deep
10. The estimated amount of groundwater withdrawn each year 200,000 gal when used
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 Leonard M. Sorensen

Date January 18, 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.

339334

Declaration of Vested
Groundwater Rights
Leonard M. Sorensen

-to-

The Public

STATE OF MONTANA }
COUNTY OF CHouteau } ss
JAN 23 1962

Filed _____ 19__

at 11:00 o'clock A. M.

George W. Harvey

Irma M. Harris

County Clerk

By _____ Deputy

For \$ 1.00 Paid

GV

File No.

DUPLICATE

T. 27 N. R. 12 E. 5

County Chouteau

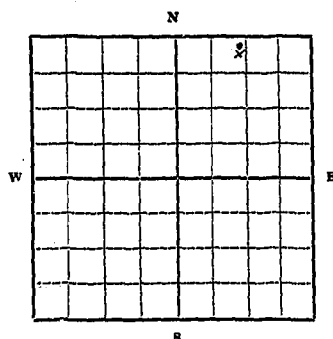
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 24 1962

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

STATE ENGINEER

1. Leonard M. Sorensen of Big Sandy
(Name of Appropriator) (Address)
County of Chouteau State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 5 T. 27 R. 12

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

2. The beneficial use on which the claim is based water for
irrigated - stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948 - continuous use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal windmill and electricity
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 1948
8. The depth of water table 22.5 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 casing
250 ft deep
10. The estimated amount of groundwater withdrawn each year 60,000 gal.
11. The log of formations encountered in the drilling of each well if available Eagle sand at
approximately 200 feet to 225 feet - blue shale below
No complete log 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

Leonard M. SorensenDate January 18, 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.

1226

339335

Declaration of Vested Groundwater

Rights

Leonard M. Sorensen

-to-

The Public

STATE OF MONTANA.
COUNTY OF CHOUTEAU.

Filed JAN 23 1962 19

at 11:00 o'clock A. M.

George W. Harvey

County Clerk

By

Irma M. Harris

Deputy

Fee \$ 1.00 Paid

File No.

DUPLICATE

T 27 R 12

County Chouteau

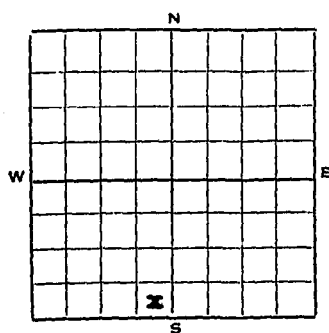
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 7 1963

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. George Rada, of Box 674, Big Sandy,
(Name of Appropriator) (Address) (Town)

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



SW $\frac{1}{4}$ Sec. 5 T.27 R.12

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
and livestock

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been 1918 -- continuous
use of purposes listed in question No. 2

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 15 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 None

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater 1918

8. The depth of water table 180

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 depth of well is 310 feet, pump with
2" pipe

10. The estimated amount of groundwater withdrawn each year 750,000 gals per year

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

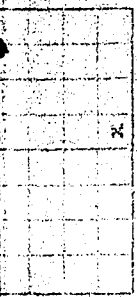
George Rada

Date March 6, 1963

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

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

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



advance reference 10 cases
by use of use of the sample from several
judicial forms of the judicial system

2. If used for jurisdiction give the number and description of the land
to which the order has been applied and name of the owner of the land
and the name of the person who has been appointed to the land

3. The date of commencement and completion of the contract and the date of the contract and the date of the contract and the date of the contract

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16. The date of the contract and the date of the contract and the date of the contract and the date of the contract and the date of the contract

17. The date of the contract and the date of the contract and the date of the contract and the date of the contract and the date of the contract

18. The date of the contract and the date of the contract and the date of the contract and the date of the contract and the date of the contract

STATE OF MONTANA
COUNTY OF CHOUTEAU
MAR 6 1963
11:50
George W. Harnsey
County Clerk
By [Signature]
2.00 Paid

File No.

DUPLICATE

T. 27 R. 12 18

County Chouteau

RECEIVED
JAN 7 1964

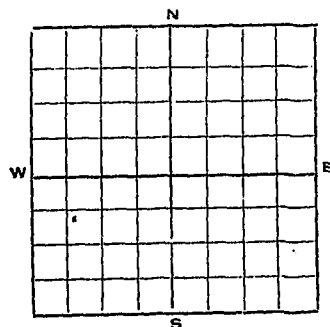
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Halvorsen Ranch, Inc
(Name of Appropriator) (Address) (Town)

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



NW 1/4 SW 1/4 Sec 18 T. 27 R. 12
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 & house water.

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been It has been
used continuously since
May 15, 1955

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

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

6. The means of withdrawing such water from the ground and the loca-
tion of each well or other means of withdrawal
It is a drilled well and we use
a electric submersible pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater It was started in Feb. 15, 1955,
and completed May 10, 1955

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 It is a drilled well of about
138 ft deep and has 7" casing

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner Halvorsen Ranch Inc.
by Allen Halvorsen
Date Jan 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.

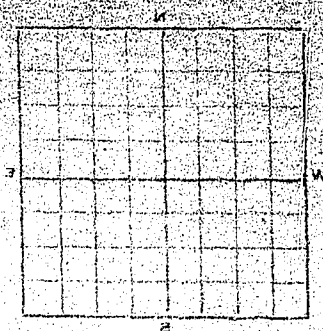
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

26092

County of _____
 State of _____
 Name of Applicant _____
 Address _____
 Town _____

1. The principal use to which the claim is put is _____
2. Date of approximate date of earliest beneficial use _____
3. The amount of groundwater claimed (in inches or feet) _____
4. If used for irrigation give the acreage and description of the lands to which water has been applied and name of the owner thereof _____
5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal _____
6. The date of commencement and completion of the well, wells or other works for withdrawal of groundwater _____
7. The depth of water table _____
8. So far as it may be available the type, size and depth of each well or the kind and specifications of any other works for the withdrawal of groundwater _____
9. The estimated amount of groundwater withdrawn each year _____
10. The total amount of groundwater withdrawn in the district each year if available _____



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

11. Such other information as shall appear to be material in carrying out the policy of this act, including _____

STATE OF MONTANA,
 CLERK OF DISTRICT COURT.

Subscribed and sworn to before me this _____ day of _____, 19____
 at _____ o'clock _____ a.m.

 County Clerk

Witness my hand and the seal of said court at the City of _____, Montana, this _____ day of _____, 19____.

File No.

T. 27 R. 12

DUPLICATE

LOG

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JUL 2 1965

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

(Under Chapter 237, Montana Session Laws, 1961)

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

2 to Top and Sub soil

14 Sandy brown clay

24 Yellowish brown clay-boulders

39 Sandy brown clay

44 Grey clay (soft)

58 Sandy-grey clay

72 Grey clay-boulders

81 Silty grey clay-coal fragment

88 Soft tacky grey clay

102 Sandy grey clay-pebbles

104 Gravelly grey clay

110 Grey clay-fragments blue shale and coal

114 Grey sand, silt & coal mix

115 Coarse sand-water exceeding 50 GPM

117 Sand & gravel (Pea to 3" in Diam)

118 Sand and large gravel

120 Coarse sand-small gravel (Pea to 1" diameter)

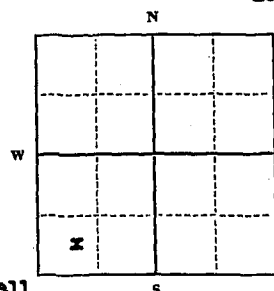
Owner Knottnerna, Inc. Address Box 1, Loma, MontanaDriller Ed. Lane Drilling Service Address Harro, Montana

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

Date well started May 12, 1965 Date completed May 14, 1965Type of well Drilled Equipment used Cable Tool Rig
(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"	6 1/8" ID					
	1 3/4" per ft					
	1 1/4" above ground level		120	No perforations. Water flowing thru bottom of Drive shoe at 120' level.		



8 feet of coarse sand and small gravel left inside of casing-to 112' level.

SW 1/4 Sec 22 T. 27 R. 12
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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

Shut-in Pressure for Flowing Well Not applicable

Pumping Water Level..... 42 feet

at..... 8 gal. per minute.

Discharge in gal. per min. of flowing well

Not applicable

How Tested Water & pump

Length of Test..... 6 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) Total depth of sand and gravel strata unknown, but capable of high yield if screened and developed.

(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).

120

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.

Total casing installed—121 ft. 4 inches, including drive shoe.

46
Driller's License Number

Herbert Greier
Driller's Signature

39265

Project Name: Water Development Project
Location: Section 10, T. 1 N., R. 1 E., M. 1 W., Glacier County, Montana
Date of Report: June 30, 1965

Project Number: W-100

Type of Well: Artesian
(Other types: ☐ Cased, ☐ Open, ☐ Other)

Water Use: ☒ Domestic, ☐ Industrial, ☐ Irrigation, ☐ Other

Indicate on the diagram the character and thickness of the different strata and the depth to which the water rises in the well.

Stratum	Thickness (feet)	Depth to top of stratum (feet)	Depth to water level (feet)
Gravel	10	0	0
Sand	15	10	0
Clay	20	25	0
Shale	30	45	0
Limestone	40	75	0
Granite	50	115	0

Water level in well at time of drilling: 115 feet

Water level in well at time of report: 115 feet

Water level in well at time of last observation: 115 feet

Water level in well at time of last observation: 115 feet

Water level in well at time of last observation: 115 feet

Water level in well at time of last observation: 115 feet

Water level in well at time of last observation: 115 feet

Water level in well at time of last observation: 115 feet

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Water level in well at time of last observation: 115 feet

Water level in well at time of last observation: 115 feet

#350946

STATE OF MONTANA, T.
COUNTY OF CHOUTEAU.

Filed June 30th 1965

at 11:30 o'clock A. M.

By George W. Harvey County Clerk

By Charles M. Jervis Deputy

Fee \$ 2.00 Paid

RECEIVED
OCT 29 1957

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner.....United Cattle Company.....Address Big Sandy, Montana

Driller.....Kemp Drilling.....Address Big Sandy, Montana

Date Started.....5/23/57.....Date Completed.....5/29/57

Location: Sec.....25.....T. 27N.....R. 12E ¼ sec. SW

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:.....

Casing:.....surface.....ft. to 47' 6".....ft. Type 10 1/2" 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:.....38' to 43' 6 gal per minute.....feet.

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

Pumping water level.....foot at.....gal. per min.

How tested:.....bailer.....

Length of test.....

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

Well not used at present due to excessive sand in water pending

installation of Johnson screen

(over)

Log of Well

[illegible]

File No.

DUPLICATE

T. 27 R. 12 S. 28

County: Chouteau

RECEIVED

JAN 7 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

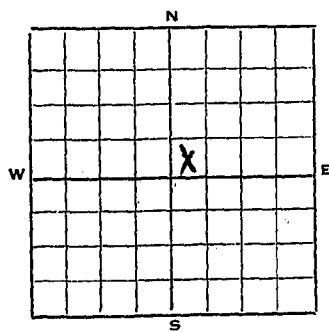
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Glen & Helen Terry of Loma Montana
(Name of Appropriator) (Address) (Town)

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



SW 1/4 NE Sec. 28 T27R12

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 irrigation
water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1962 - constant

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3.0 gal per min

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

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

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

8. The depth of water table 130 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 130 drilled - 170 ft deep

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

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

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

Signature of Owner Helen Terry

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 School of Mines and Quadruplicate for the Appropriator.

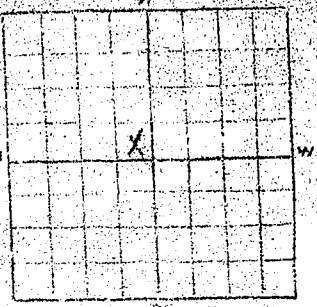
26394

(Name of Applicant)

State of

County of

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963.



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

200' x 200' Sec 27, T23N, R12E

1. The beneficiary use on which the claim is based is irrigation.
2. Date of approximate date of earliest beneficial use, and the person to whom the use has been made 1902 - C. J. ...
3. The amount of groundwater claimed (in units of gallons per minute) 500 gpm
4. It used for irrigation, give the source, to which water has been applied and name of the owner thereof.
5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.

6. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater 1962
7. The depth of water table 150' - 200'
8. 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 150' - 200' deep
9. The estimated amount of groundwater withdrawn each year 1,000,000 gal
10. The top of formations encountered in the drilling of each well, if available.

11. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to any county records.

STATE OF MONTANA, T
COUNTY OF CHOUTEAU, ss.

Filed DEC 31 1963 19

at 4:30 o'clock P.M.

By [Signature] Clerk

By [Signature] Notary Public

Witness my hand and seal this 31st day of December, 1963.

Notary Public for the State of Montana

File No. _____

T. 27 R. 12

DUPLICATE

LOG

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level _____)

0

2

18

27

38

42

61

68

79

84

89

95

114

116

133

139

154

162

173

189

192

195

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Top & Sub Soil

Brown Clay-Boulders

Yellowish-brown clay, boulders

Sandy-brown clay-coal fragments

Fine Clay (soft)

Grey Clay-boulders

Grey clay-Soft

Sandy Grey Clay

Gravelly grey clay

Silty grey clay-coal fragments

Grey clay-boulders

Sandy grey clay

Grey silt & sand-trace of water
(Cased Off)

Grey clay-fragments of shale

Sandy grey clay

Grey clay-fragments of shale
and sandstone

Soft grey clay

Silty grey clay

Sandy grey clay-coal fragments

Soft tacky grey clay

Grey sand & silt-coal fragments

Sand & gravel - Pea size to
3" in diameter

Water-Exceeding 25 GPM

Driller: El-Lite Drilling Service Address: Helena, Montana

Date of Notice of appropriation of groundwater _____

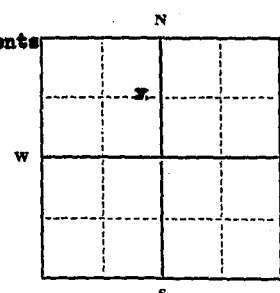
Date well started: 5-25-65 Date completed: 6-1-65Type of well: Drilled Equipment used: Cable Tool Rig

(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, 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)
133	9"		0	130			
139	7"	6 1/8" ID 13# per ft.	1 Ft. above ground level	198 1/2	No perforations. Water flowing thru bottom of Drive Shoe.		



Static Water Level for non-flowing well
_____ feet.

Shut-in Pressure for Flowing Well: Not Applicable

Pumping Water Level: 125 feet
at 5 gal. per minute.

Discharge in gal. per min. of flowing well
Not Applicable

How Tested: Water & Pump

Length of Test: 4 hours

Remarks: (Gravel packing, cementing, pack-
ers, type of shutoff) 130 ft. of 8" casing

run to shut off silt and sand from
114-116 foot level. Drilled 7"

hole to 192'. Installed 6 1/8" ID
casing to 198 1/2 ft. Pulled 8" cable string back out.

(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 Addi-
tion).

1981 Show exact depth of bottom.

Virgelle formation underlies

water-bearing strata.

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 46

Driller's Signature Robert J. Jansen

392-66

Date well started 10-1-58 Date completed 10-1-58
 Date of Notice of suspension of groundwaters 10-1-58
 Definition of the specific problem Groundwater
 Between 10-1-58 and 10-1-58 Address 100

☐ Not required ☐ Basic ☐ High level
☐ None ☐ Low ☐ Moderate

It is not possible to determine the exact date of the first publication of the book, but it is known that it was published in the early 19th century. The book is a collection of letters and papers of the author, and it is a valuable source of information on the life and work of the author. The book is written in a simple and straightforward style, and it is a good example of the type of writing that was common in the early 19th century. The book is a good example of the type of writing that was common in the early 19th century. The book is a good example of the type of writing that was common in the early 19th century.

PLANTATION	Year (1950)	Year (1951)	Year (1952)	Year (1953)
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How much more have you been thinking about me since we parted?

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STATE OF MONTANA.
COUNTY OF CHOUTEAU. } ss.

Filed June 30th 1965

at 11:30 o'clock a.m.

George W. Harvey
County Clerk

By Walter E. Jones Deputy

No. 6 2.00 Paid

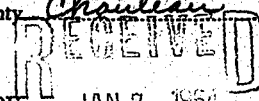
GW 3

File No.

DUPLICATE

T. 27 R. 12E

County Chouteau



STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Prior to 1949

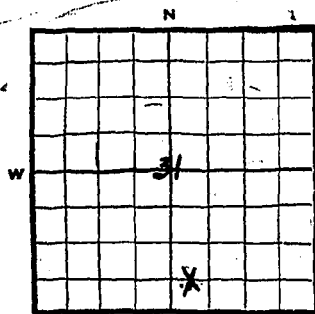
Owner Glen & Helen Terry

Address Loma, Montana

Contractor (if any)

Address of Contractor

Date Started Date Completed



SW 1/4 SE Sec 31 T27 R12

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. gravity flow

& pipe

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 round

Signature of Owner Helen Terry

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.

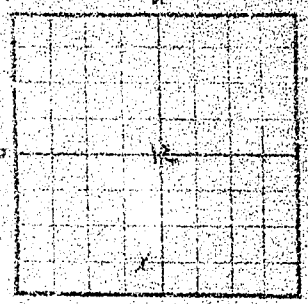
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

26392

Name of Applicant or Contractor
Address
City and State
Telephone (if any)
Reference to (Contract)

The State of Montana
County of Chouteau
The State of Montana
County of Chouteau
The State of Montana
County of Chouteau



Quantity of water developed and used with explanation of method used to determine same. It is intended that estimate approximate length of periods of use.

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

Signature of Contractor or Applicant
Date

This form is to be completed by contractor or applicant for water right. It is to be filed with the County Clerk and Recorder of the County in which the works are located. Three copies of this form are to be filed with the County Clerk and Recorder of the County in which the works are located. It is not applicable to water rights which the form will be returned.

STATE OF MONTANA
COUNTY OF CHOUTEAU
DEC 31 1963
Filed at 4:30 o'clock P.M.
County Clerk
By Deputy
V. 22

GW 3

File No.

DUPLICATE

T. 27 R. 12

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

STATE ENGINEER
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater March 9 1949

Owner Glen & Helen Perry

Address Loma, Montana

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. Collection box

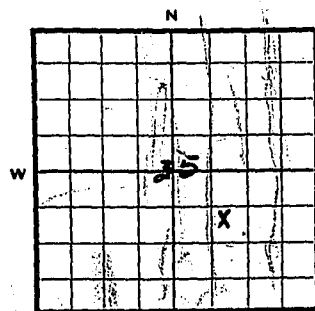
pipe

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 round

Signature of Owner Helen Perry

Date Dec 31, 1963



NW 1/4 Sec 35 T. 27 R. 12

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

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

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

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

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

26395

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

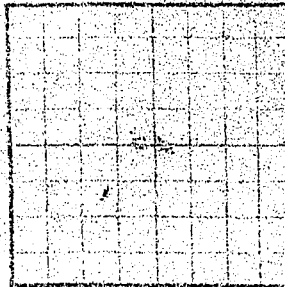
(Under Chapter 237 Montana Session Laws 1961)

Date of application or appropriation: _____
 Owner: _____
 Address: _____
 County: _____
 Address of Contractor: _____
 Date of Completion: _____
 Date of Completion of _____

Describe nature of obtaining groundwater without a well as for _____
 irrigation and other water purposes. Include details of _____
 water when applicable. _____

Quantity of water developed and used with explanation of method _____
 of need to measure or estimate such quantity. If not is intended _____
 local estimate approximate amount of benefit of use. _____

Signature of Owner: _____
 Date: _____



Locate point of appropriation _____
 and place of use if possible. _____

This form to be prepared by contractor (if any) operated 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 this form will be returned. _____
 This notice is to be filed with the County Clerk and Recorder of the county in _____
 which the works are located. _____

Filed _____ 8-1-1963 _____
 at _____ 4:30 o'clock _____
 by _____
 County Clerk _____
 Fee \$ 2.00 Paid _____

GW 3

File No.

DUPLICATE

T 27 R 12

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER
STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner

Address

Contractor (if any)

Address of Contractor

Date Started

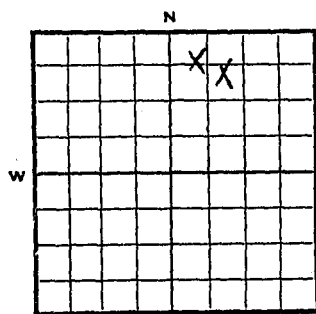
Date Completed

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

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

Signature of Owner

Date



IV 1/4 NE Sec 35 T27 R12

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

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

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

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

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

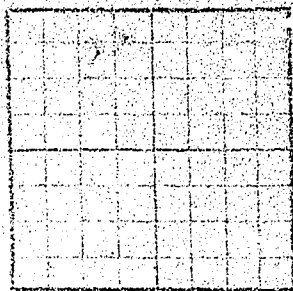
26396

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 327, Montana Session Laws, 1901)

Date of Appropriation of Groundwater _____
 Owner _____
 Address _____
 Location (if any) _____
 Address of Contractor _____
 Date Started _____
 Date Completed _____

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



(Amount of water developed and used with explanation of use)
 of used to measure or estimate such amount. If use is intermittent
 and estimate approximate length of periods of use.

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

Signature of Owner _____
 Date _____

This form to be prepared by contractor (if any) and returned by the owner.
 Three copies of this notice are to be filed with the County Clerk and Recorder of the county in
 which the work was located.

If an application is made for the appropriation of groundwater, the form will be returned.
 STATE OF MONTANA
 COUNTY OF CHouteau

Filed DEC 31 1962 19
 at 4:30 o'clock
George W. Perry
 County Clerk
 By _____ Deput
 Fee \$ 2.00 Paid

GROUNDWATER INDEX

Page 1 of 1

County Chouteau Twp. 27N Rge. 13E

[illegible]

GWS

File No. _____

DUPLICATE

T. 27 R. 13

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 5 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

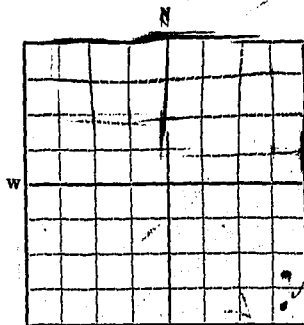
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1959Owner Wilfred A. Berhager Address Bldg. SandyContractor (if any) None

Address of Contractor _____

Date Started Sept. 25 Completed Sept. 30, 59Describe means of obtaining water without a well "as by sub-irrigation ~~and other means~~ processes". Include depth to water when applicable. Spring. Collection

but dug out 100 ft. then piped
100 ft. to water table.



N.W. 1/4 Sec. 1 T. 27 R. 13

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use the in

continuous except for the month of Aug.
measured in a bucket. the in two gallons
(2 gals) per minute.

Signature of Owner Wilfred A. BerhagerDate Jan 15, 1963

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

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

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

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

#343793

STATE OF MONTANA, T
COUNTY OF CHOUTEAU, I ss.

Filed Feb. 4 1963

at 10:40 o'clock A M

George W. Harvey
County Clerk

By Isaac M. Harvey Deput

\$ 2.00 Paid

#343793

STATE OF MONTANA, T.
COUNTY OF CHOUTEAU, ss.

Filed Feb. 4 1963

at 10:40 o'clock A. M.

by George W. Harvey County Clerk

By Jane M. Harvey Deputy

Fee \$ 2.00 Paid

File No.

DUPLICATE

T. 27 R. 13

County Chouteau

RECEIVED
FEB 13

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

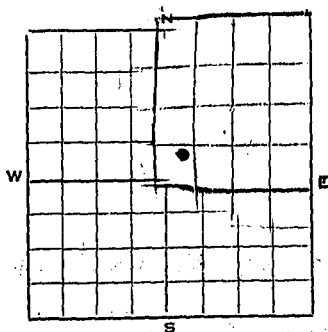
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Wilfred A. Berlinguer, of BIG SANDY
(Name of Appropriator) (Address) (Town)

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



NE 1/4 Sec. 2 T. 27 R. 13

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

2. The beneficial use on which the claim is based Water Well
used for House & Farmstead

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct. 15, 1955 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gal. per minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 12-4-55 12-15-55

8. The depth of water table 70'

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 150 Ft. Deep, 5 1/2" O.D.
Casing

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 0-6 Gumbo, 6-7 sand
7-30 Sandy Bldg, 31-45 silty sand, grey clay
45-48 sand & gravel, 48-53 sand stone, 53-75
grey shale, 75-78 sand stone, 78-91 grey shale, 91-101
sand stone, 101-150 Judith River sand stone water bearing

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 Wilfred A. Berlinguer

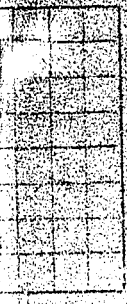
Date Jan 15, 1963

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

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

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

3517



1. The amount of money to be paid for the survey shall be ascertained by the surveyor and shall be paid to the surveyor by the landowner or by the person who has caused the survey to be made.

2. If the survey is made for the purpose of subdividing land, the surveyor shall also determine the area of each lot and the area of the whole tract, and shall certify to the same in a written report.

3. The surveyor shall also determine the location of each lot and the location of the whole tract, and shall certify to the same in a written report.

4. The surveyor shall also determine the location of each lot and the location of the whole tract, and shall certify to the same in a written report.

5. The surveyor shall also determine the location of each lot and the location of the whole tract, and shall certify to the same in a written report.

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16. The surveyor shall also determine the location of each lot and the location of the whole tract, and shall certify to the same in a written report.

17. The surveyor shall also determine the location of each lot and the location of the whole tract, and shall certify to the same in a written report.

18. The surveyor shall also determine the location of each lot and the location of the whole tract, and shall certify to the same in a written report.

19. The surveyor shall also determine the location of each lot and the location of the whole tract, and shall certify to the same in a written report.

#343795

STATE OF MONTANA
COUNTY OF CHOUTEAU

Filed Feb 4 1963

10:40

County Clerk

2.00 Paid

File No. _____

DUPLICATE

T. 22
County _____

RECEIVED
5 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

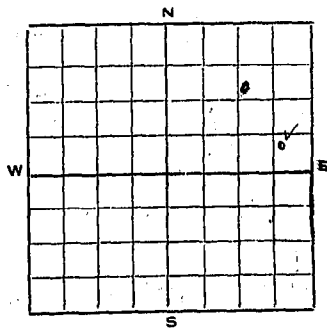
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Wilfred A. Berlinber of BIG SANDY MONT
(Name of Appropriator) (Address) (Town)

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



NE
1/4 Sec. 2 T22R13

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 Well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1951 Dec.
Used in Summers, & Fall

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 16.5 gal. Per Minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal PUMP
PRESSURE PUMP 800 GAL PER HR.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started Sept. 1951 Completed Dec. 1951

8. The depth of water table 83 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 100 FT. D.A.P. 10" STEEL
1951-78

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

11. The log of formations encountered in the drilling of each well if available 170' A.K.I.L. 1960

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 Wilfred A. Berlinber
Date Jan 15, 1963

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

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

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

GA. 85, 81 2, 352 1/1

There are three main types of presentation: **1. The**

7-68 - 1st letter to Robert B.

9511250 1708 1951 1950 1949 1948 1947 1946 1945 1944 1943 1942 1941 1940 1939 1938 1937 1936 1935 1934 1933 1932 1931 1930 1929 1928 1927 1926 1925 1924 1923 1922 1921 1920 1919 1918 1917 1916 1915 1914 1913 1912 1911 1910 1909 1908 1907 1906 1905 1904 1903 1902 1901 1900 1899 1898 1897 1896 1895 1894 1893 1892 1891 1890 1889 1888 1887 1886 1885 1884 1883 1882 1881 1880 1879 1878 1877 1876 1875 1874 1873 1872 1871 1870 1869 1868 1867 1866 1865 1864 1863 1862 1861 1860 1859 1858 1857 1856 1855 1854 1853 1852 1851 1850 1849 1848 1847 1846 1845 1844 1843 1842 1841 1840 1839 1838 1837 1836 1835 1834 1833 1832 1831 1830 1829 1828 1827 1826 1825 1824 1823 1822 1821 1820 1819 1818 1817 1816 1815 1814 1813 1812 1811 1810 1809 1808 1807 1806 1805 1804 1803 1802 1801 1800 1799 1798 1797 1796 1795 1794 1793 1792 1791 1790 1789 1788 1787 1786 1785 1784 1783 1782 1781 1780 1779 1778 1777 1776 1775 1774 1773 1772 1771 1770 1769 1768 1767 1766 1765 1764 1763 1762 1761 1760 1759 1758 1757 1756 1755 1754 1753 1752 1751 1750 1749 1748 1747 1746 1745 1744 1743 1742 1741 1740 1739 1738 1737 1736 1735 1734 1733 1732 1731 1730 1729 1728 1727 1726 1725 1724 1723 1722 1721 1720 1719 1718 1717 1716 1715 1714 1713 1712 1711 1710 1709 1708 1707 1706 1705 1704 1703 1702 1701 1700 1699 1698 1697 1696 1695 1694 1693 1692 1691 1690 1689 1688 1687 1686 1685 1684 1683 1682 1681 1680 1679 1678 1677 1676 1675 1674 1673 1672 1671 1670 1669 1668 1667 1666 1665 1664 1663 1662 1661 1660 1659 1658 1657 1656 1655 1654 1653 1652 1651 1650 1649 1648 1647 1646 1645 1644 1643 1642 1641 1640 1639 1638 1637 1636 1635 1634 1633 1632 1631 1630 1629 1628 1627 1626 1625 1624 1623 1622 1621 1620 1619 1618 1617 1616 1615 1614 1613 1612 1611 1610 1609 1608 1607 1606 1605 1604 1603 1602 1601 1600 1599 1598 1597 1596 1595 1594 1593 1592 1591 1590 1589 1588 1587 1586 1585 1584 1583 1582 1581 1580 1579 1578 1577 1576 1575 1574 1573 1572 1571 1570 1569 1568 1567 1566 1565 1564 1563 1562 1561 1560 1559 1558 1557 1556 1555 1554 1553 1552 1551 1550 1549 1548 1547 1546 1545 1544 1543 1542 1541 1540 1539 1538 1537 1536 1535 1534 1533 1532 1531 1530 1529 1528 1527 1526 1525 1524 1523 1522 1521 1520 1519 1518 1517 1516 1515 1514 1513 1512 1511 1510 1509 1508 1507 1506 1505 1504 1503 1502 1501 1500 1499 1498 1497 1496 1495 1494 1493 1492 1491 1490 1489 1488 1487 1486 1485 1484 1483 1482 1481 1480 1479 1478 1477 1476 1475 1474 1473 1472 1471 1470 1469 1468 1467 1466 1465 1464 1463 1462 1461 1460 1459 1458 1457 1456 1455 1454 1453 1452 1451 1450 1449 1448 1447 1446 1445 1444 1443 1442 1441 1440 1439 1438 1437 1436 1435 1434 1433 1432 1431 1430 1429 1428 1427 1426 1425 1424 1423 1422 1421 1420 1419 1418 1417 1416 1415 1414 1413 1412 1411 1410 1409 1408 1407 1406 1405 1404 1403 1402 1401 1400 1399 1398 1397 1396 1395 1394 1393 1392 1391 1390 1389 1388 1387 1386 1385 1384 1383 1382 1381 1380 1379 1378 1377 1376 1375 1374 1373 1372 1371 1370 1369 1368 1367 1366 1365 1364 1363 1362 1361 1360 1359 1358 1357 1356 1355 1354 1353 1352 1351 1350 1349 1348 1347 1346 1345 1344 1343 1342 1341 1340 1339 1338 1337 1336 1335 1334 1333 1332 1331 1330 1329 1328 1327 1326 1325 1324 1323 1322 1321 1320 1319 1318 1317 1316 1315 1314 1313 1312 1311 1310 1309 1308 1307 1306 1305 1304 1303 1302 1301 1300 1299 1298 1297 1296 1295 1294 1293 1292 1291 1290 1289 1288 1287 1286 1285 1284 1283 1282 1281 1280 1279 1278 1277 1276 1275 1274 1273 1272 1271 1270 1269 1268 1267 1266 1265 1264 1263 1262 1261 1260 1259 1258 1257 1256 1255 1254 1253 1252 1251 1250 1249 1248 1247 1246 1245 1244 1243 1242 1241 1240 1239 1238 1237 1236 1235 1234 1233 1232 1231 1230 1229 1228 1227 1226 1225 1224 1223 1222 1221 1220 1219 1218 1217 1216 1215 1214 1213 1212 1211 1210 1209 1208 1207 1206 1205 1204 1203 1202 1201 1200 1199 1198 1197 1196 1195 1194 1193 1192 1191 1190 1189 1188 1187 1186 1185 1184 1183 1182 1181 1180 1179 1178 1177 1176 1175 1174 1173 1172 1171 1170 1169 1168 1167 1166 1165 1164 1163 1162 1161 1160 1159 1158 1157 1156 1155 1154 1153 1152 1151 1150 1149 1148 1147 1146 1145 1144 1143 1142 1141 1140 1139 1138 1137 1136 1

225 500 000 they have previously volunteered to income taxpayers and 300 000 000 they have to go forth and in business and intended to get out of it.

[illegible]

#343794
 CITY OF MONTREAL
 Feb. 4
 10:40
 2.00

biochemical and clinical studies, and as a laboratory research fellow to study the role of the liver in the metabolism of drugs and chemicals. He has published numerous papers in the field of liver disease and is currently working on the role of the liver in the metabolism of drugs and chemicals.

STATE OF MONTANA,
COUNTY OF CHOUTEAU. } ss.
Filed Feb. 4 1906
10:40 o'clock
George W. Plummer
County Clerk
By Emma M. Plummer, Deputy
\$ 2.00 Paid

File No.....

DUPLICATE

T. 27 R. 13

County.....CHOUTEAU.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

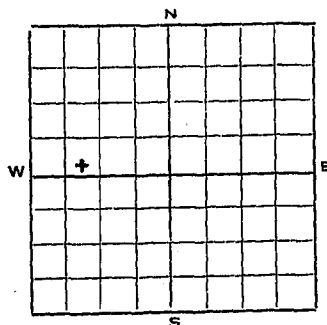
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. William Sibra, of Big Sandy
(Name of Appropriator) (Address) (Town)

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



SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 6 T. 27 R. 13

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
This well has been used part of the time since about 1920

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
Approx. 20 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
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
Pumped with Eit. pump at well sight

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

8. The depth of water table
16 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
This well is cased with 4 ft. Dia. Wood casing.

10. The estimated amount of groundwater withdrawn each year
200,000 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
Abstract of title on this land.

Signature of Owner William Sibra

Date 12-11-63

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 School of Mines and Quadruplicate for the Appropriator.

26366

(continued from page 1)

County of _____

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

..... to the date of commencement and
..... to the date of termination

8. The depth of water table
9. So far as it may be available the
works for the withdrawal of ground

11. The fact of formation was not to get off.

to you to #1347063 Brokers

STATE OF MONTANA. 7
COUNTY OF CHOUTEAU. }
DEC 31 1953

4:00 o'clock P.M.

by _____

Page 10294

the β phase of the polymer. The β phase is the more ordered phase and is characterized by a higher density than the α phase. The β phase is the more stable phase and is the one that is observed in the crystalline state of the polymer. The α phase is the less ordered phase and is characterized by a lower density than the β phase. The α phase is the less stable phase and is the one that is observed in the amorphous state of the polymer.

File No.

DUPLICATE

T. 27 R. 13

County CHOUTEAU

RECEIVED
JAN 7 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

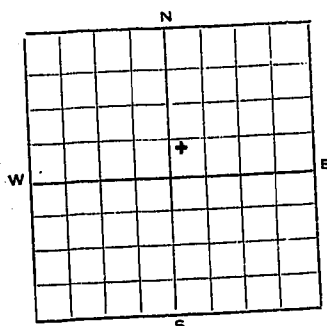
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. William Sibra, of Big Sandy
(Name of Appropriator) (Address) (Town)

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



NSW 1/4 NE 1/4 Sec. 7 T. 27 R. 13

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been This well has been used continuously since about 1885

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Aprox. 30 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
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
Pumped with Elt. pump at well sight

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1885

8. The depth of water table 16 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
This well is cased with 3 ft. Dia. steel casing

10. The estimated amount of groundwater withdrawn each year 400,000 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 Abstract of title on this land.

Signature of Owner William Sibra

Date 12-11-63

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.

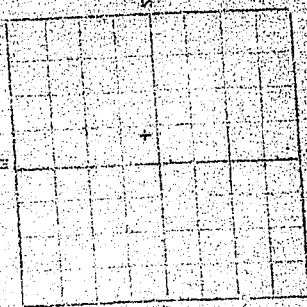
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

26365

(Name of appropriator)

(Address)

County of _____
have appropriated groundwater according to the provisions in effect prior to January 1, 1902, and



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

1. The beneficial use in which the claim is based _____
2. Date or approximate date of earliest beneficial use, and how far from the use has been _____
3. The amount of groundwater claimed (in number of acres per minute) _____
4. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner, if known _____
5. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal _____

6. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater _____
7. The depth of water table _____
8. 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 _____
9. The estimated amount of groundwater withdrawn each year _____
10. The log of formation encountered in the drilling of each well, if available _____

11. Give other information of a similar nature as may be needed in carrying out the policy of this act, including _____

STATE OF MONTANA
COUNTY OF CHOUTEAU

Filed DEC 31 1933
at 4:00 o'clock P.M.

By [Signature]
Notary Public

By [Signature]
Paid 2.00

GW 3

File No.

T. 27 N. R. 13 E.

DUPLICATE

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 18 1963

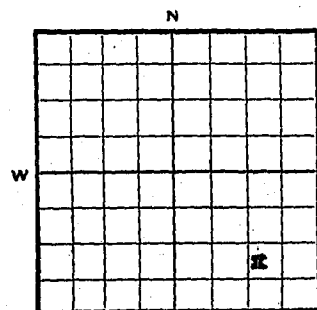
STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater December 12, 1963Owner Frank MaxwellAddress Big Sandy, MontanaContractor (if any) NoneAddress of Contractor NoneDate Started 12-12-63 Date Completed 12-12-63

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Concrete casing 8' square- 7 feet deep with a pump



so 1/4 Sec. 22 T. 27 R. 13

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 it has been used for 30 years -- stock water and domestic water-- 400 gals of water used per day

Signature of Owner Frank MaxwellDate December 13, 1963

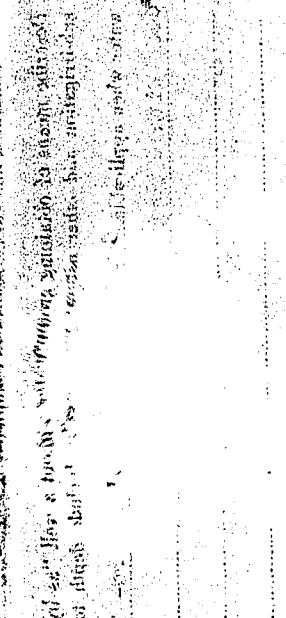
This form to be prepared by contractor (if any), otherwise by the owner.

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

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

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

9988



new place of meeting for
business. Point of consideration

you to produce the same level of value to customers as you have forgoed by making a sacrifice of loss to the rest of you to become more efficient. Instead of losing the ability to attract new customers, you can be showing to attract them more often and

General of Police

This form is to be presented for consideration of the following:

the great advantage of the American system of printing is that it is not necessary to have a large number of types set in the case of a small edition. The types are set in the case of a small edition, and the printer can then print the book in a small number of copies. This is a great advantage, as it allows the printer to print a book in a small number of copies, and then to print a larger number of copies if the book is successful. This is a great advantage, as it allows the printer to print a book in a small number of copies, and then to print a larger number of copies if the book is successful.

346386

STATE OF MONTANA,
COUNTY OF CHOUTEAU.

DEC 16 1962

2:45

George W. Foster
County Clerk

County Clerk
By Lynn M. Hulse Deputy
Fee \$ 2.00 Paid

\$ 2.00 Paid

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

RECEIVED

AUG 2 1973

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962

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

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.

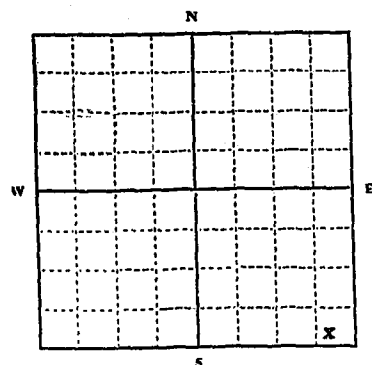
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

For Administrator's Use

File 371458

6-29-73

GW 1 4:00 p.m.



SE 1/4 Sec. 22

T. 27 N. R. 13 E

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated 2975

Owner Frank Maxwell

Address Big Sandy, Montana 59520

Contractor (if any) none

Address of Contractor none

Date Started June 1945 Date Completed July 1945

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) developped spring

2. Means of withdrawing water (gravity, pump, canal, etc.) Electric pump to cistern

3. Depth of water table 7 feet

4. Use of the water household use and livestock water

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 7 gallons per minute

6. If used for irrigation, give number of acres and description of land not applicable

7. Estimate amount of water used each year 73000 gallons

8. Months of year spring flows November - April

Frank Maxwell

Signature of Owner June 29, 1973

Date

371458

STATE OF MONTANA, }
COUNTY OF CHOUTEAU, }

Filed June 29 1923

at 4:00 o'clock P.M.

George W. Harvey
County Clerk

By _____ Deputy

Fee \$ 2.00 Paid

File No.

DUPLICATE

T. 23 27 R. 13

Chouteau

County

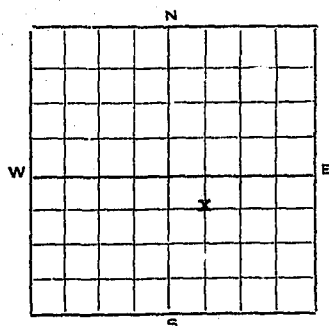
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Alfred S. Ophus, of Big Sandy, Montana
(Name of Appropriator) (Address) (Town)

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



NW 1/4 SE Sec. 23 T. 27 R. 13

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 use, livestock water, and garden and yard irrigation
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) 15 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 Lawn and garden within 500 feet of the well
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Hand pump

7. ~~The~~ date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Dug in the fall of 1949 3 feet in diameter and 14 feet deep
8. The depth of water table 4 to 10 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 3 feet in diameter and 14 feet deep with a pipeline to the nearby residence
10. The estimated amount of groundwater withdrawn each year 150,000 gallons - all there is
11. The log of formations encountered in the drilling of each well if available surface dirt and gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Alfred S. Ophus

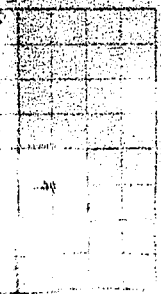
Date December 26, 1963

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 School of Mines and Quadruplicate for the Appropriator.

26157



Section 1
 Township 10 N
 Range 10 E
 Section 1

1. The area of the land is 40 acres.
 2. The area of the land is 40 acres.
 3. The area of the land is 40 acres.

4. The area of the land is 40 acres.
 5. The area of the land is 40 acres.
 6. The area of the land is 40 acres.
 7. The area of the land is 40 acres.
 8. The area of the land is 40 acres.
 9. The area of the land is 40 acres.
 10. The area of the land is 40 acres.

STATE OF MONTANA
 COUNTY OF CHOUTEAU
 Filed: DEC 30 1963
 at 10:00 o'clock
 By [Signature]
 2.120 Paid

Gr. 4

File No.

DUPLICATE

T. 27 N. R. 13 E. ²³

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

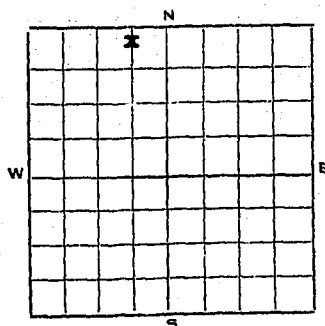
RECEIVED
JAN 7 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. Alfred S. Ophus of Big Sandy, Montana
(Name of Appropriator) (Address) (Town)

County of Chouteau State of Montana

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



NE 1/4 NW Sec. 23 T. 27 R. 13

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948 - used continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 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
Water withdrawn by means of pump. Used at site for livestock water

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well was dug in the fall of 1948 and put into continuous use

8. The depth of water table from 1 to 10 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 a dug well 12 feet in diameter and 12 feet deep

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

11. The log of formations encountered in the drilling of each well if available surface dirt and gravel

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

Signature of Owner Alfred S. Ophus

Date December 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 School of Mines and Quadruplicate for the Appropriator.

26158