

Form No. 18
8-60

27

T. 36 R. 6E
County Liberty

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1962

WATER WELL LOG

STATE ENGINEER

Owner John A. Clcon Address Chester, Montana

Driller self Address _____

Date Started 1952 Date Completed 1952

Location: Sec. 27 T. 36 R. 6 $\frac{1}{4}$ sec. SE 1/4
2 wells on above land

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

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

Casing: 1 ft. to 120 ft. Type Galvanized Size 4"

Casing: 1 ft. to 30 ft. Type Galvanized Size 6"

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

Perforated or ~~XXXXXXX~~ Ft. 1 to ft. 30 Ft. _____ to ft. _____
Ft. 15 Ft. _____

Type of screen or perforations _____

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

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

Pumping water level _____ feet at 6 or 7 gal. per min. _____

How tested: pumped

Length of test 24 hours

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

(over)

28

County Liberty

RECEIVED
JAN 2 1962

STATE ENGINEER

x		

Location: Sec. 28 T. 36 N. R. 6 E. $\frac{1}{4}$ sec. SE $\frac{1}{2}$ SW $\frac{1}{2}$

(over)

Log of Well

[illegible]

GW3

File No.

DUPLICATE

36N
T. ~~XXX~~ R. 6E.
County. Liberty

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 10 1963

Notice of Completion of Groundwater Appropriation Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Always There

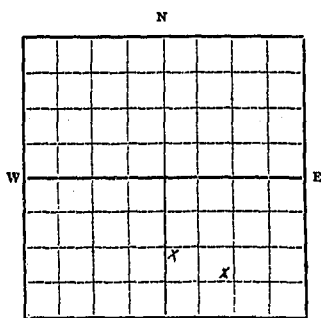
Owner J. H. McDowell Address Chester, Montana

Contractor (if any) None

Address of Contractor

Date Started Date Completed

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



12 * 56 4 Sec. 28 T. 36 R. 6

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

Approximately 15 Gallons flow per hour
from both springs

Signature of Owner J. H. McDowell

Date Dec. 9, 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.

84064

STATE OF MONTANA } ss.
County of Liberty,

Filed Dec 9 19 63

at 2:10 o'clock P. M.

Gilbert Brown County Clerk

By Steve Heinboegle Deputy

Fee \$ 2.00

File No.

T. 36 N. R. 6E

DUPLICATE

County Liberty

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater, Since 1903

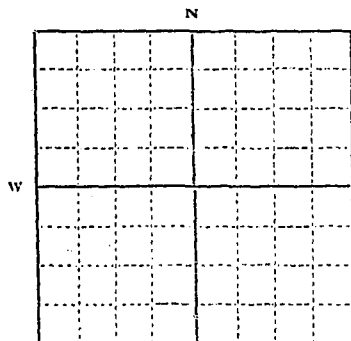
Owner James F. Cicon Address Chester, Montana

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. Natural Spring flowing in coulee



SE 1/4 Sec. 30 T36N. R. 6E

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

Will Flow 5 Gallons per minute Continuously

Signature of Owner James F. Cicon

Date 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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

84264

NOTED
DATED Dec. 27 1963
AT 4:35 P.
BY Gideon Weiner
Alora Zimberg
Fee \$ 2.00

GROUNDWATER INDEX

Page . of

County Liberty Twp. 36N Rge. 7E

[illegible]

GV

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

File No. _____

T 34 N 7 E 22

DUPLICATE

County Liberty

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

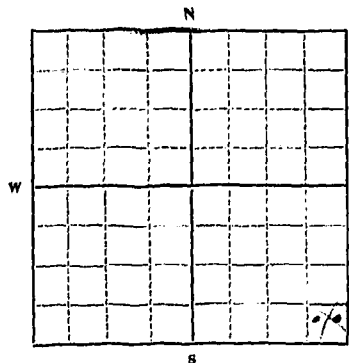
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 20 1963

STATE ENGINEER

1. Norm B. Pinsky, of Joplin
(Name of Appropriator) (Address) (Town)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E. 1/4 Sec. 2, T34 N, R7

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 none
and water is not used

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1919
1919-1958

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute
4 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 110 acres

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1 pump 2 pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater One 11-12-1919 2 1938

8. The depth of water table 1 surface 2 30

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 cases 110 feet deep

2 wells 30 ft deep same depth 100 ft deep
don't remember don't know on for work

10. The estimated amount of groundwater withdrawn each year 100000 100000

11. The log of formations encountered in the drilling of each well if available 12-14 12-14 12-14
12-14 12-14 12-14
12-14 12-14 12-14

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 Norm B. PinskyDate 12-18-1963

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

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

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

10874

84155

STATE OF MINNESOTA ss.
County of _____
Filed Dec. 18 1963
at 12:05 P. M.
Aileen Greene
County Clerk
By _____ Deputy
Fee \$ 2.00

#5

RECEIVED
DEC 27 1961

STATE ENGINEER

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

Casing: ft. to 921 ft. Type oil well Size 4"

Casing: ft. to ft. Type Size

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

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

Type of screen or perforations _____

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

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

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

How tested: Flowing well Never measured capacity

Length of test _____

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

(over)

Log of Well

[illegible]

File No.

DUPLICATE

T. 36 N R. 7E

County...Liberty...

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

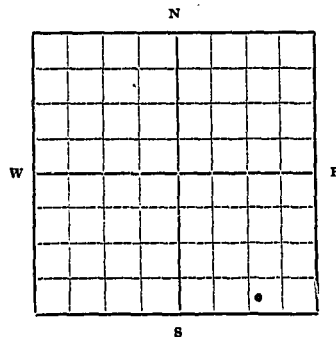
RECEIVED
DEC 6 1963

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

STATE ENGINEER

1. Robert L. Van Dessel of Box 141 Joplin
(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:



S.E. 1/4 Sec. 4, T. 36 N. R. 7 E.

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

2. The beneficial use on which the claim is based General Household Use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1930 and everyday since

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1930 - June 1

8. The depth of water table 190 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 6 inch well - 210 ft deep

10. The estimated amount of groundwater withdrawn each year 73000

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 Known

Signature of Owner Robert L. Van Dessel

Date May 5, 1963

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

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

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

7894

840 25

STATE OF IOWA
County of Liberty.

Filed dec 5 1863

at 2:50 o'clock P. M.

Gideon Greiner
County Clerk

By Alva Thimbley
Deputy

Fee \$ 2.00

File No.

T. 36 N. R. 7 E.

DUPLICATE

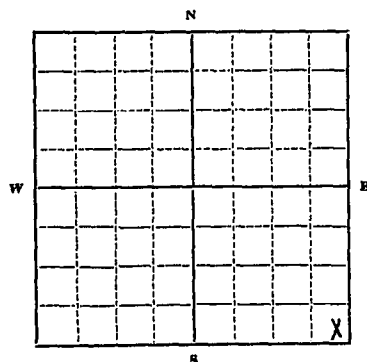
County Liberty

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

DEC 23 1963
STATE ENGINEER

1. Olianna Fusk of Joplin
(Name of Appropriator) (Address) (Town)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E. 1/4 Sec. 5 T. 36 R. 7

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 + Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1917
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 9 G.P.M.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Not used
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. 1917
8. The depth of water table. 170 F.T.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 4" casing 170' deep
10. The estimated amount of groundwater withdrawn each year. 10,000 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. Not Available

Signature of Owner. Olianna Fusk

Date.

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

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

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

11589

STATE OF MINNESOTA } ss.
County of _____

Filed Dec. 20 1963

at 11:29 o'clock 9 M.

Rickard Bremer
County Clerk

By _____ Deputy

Fee \$2.00

File No.

AUG 10 1966

T. 36N R. 7E

DUPLICATE

LOG

 Bill _____
 Butcher _____
 Coyne _____
 Darlington _____
 Dickert _____
 McDermott _____
 Murphy _____
 Norton _____
 Sullivan _____
County Liberty

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

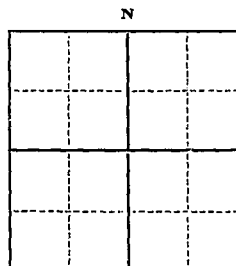
Owner Olianna Fusk Address JuplinDriller Hi-Line Drilling Service Address 1173 6th St. No. Havre, Montana

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

Date well started JUNE 22, 1966 Date completed JUNE 30, 1966Type 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)
8 1/2"	6 5/8" O.D. 13" PER FT.	1 FT ABOVE GROUND LEVEL	35	(NO PERFORATIONS)		
	6 5/8" O.D. 18" PER FT.	35	56	CASING SET ON HARD SANDSTONE AT 159 FT		
	6 5/8" O.D. 12" PER FT.	56	159	NO CASING BELOW 159 FT		

Static Water Level for non-flowing well
..... 80feet.Shut-in Pressure for Flowing Well NOT APP.Pumping Water Level..... 155feet
at..... 8gal. per minute.Discharge in gal. per min. of flowing well
NOT APPLICABLEHow Tested BALER & PUMPLength of Test 6 HOURS

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff) HOLE REAMEDTO 8 1/2" DIAMETER AND CEMENTEDFROM 159 FT. BACK TO 35 FT.DRILLING MUD FROM 35 FT. TOSURFACE. HEAVY CASING INSTALLED FROM 35 TO 56 FT.

For added protection in bad water zone. (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).

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature

41303

87290

ST. OF MONTANA, } ss.
ty of Liberty.
Filed August 9, 1966
at 11:10 A.M.
Aileen Greenier
County Clerk
By _____ Deputy
Per 200 _____

File No.

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

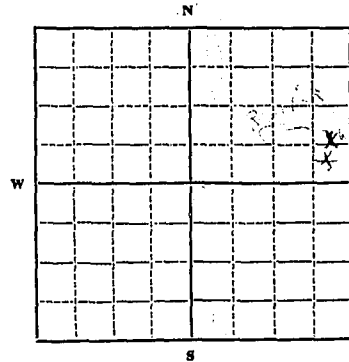
RECEIVED
DEC 2 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ms. Virginia Gulick of Joplin
(Name of Appropriator) (Address) (Town)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



No. 1/4 Sec. 9 T 36N R 7 E.

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

2. The beneficial use on which the claim is based.....
Household, stock watering and garden irrigation.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
Continuous use since drilled
Dec. 15, 1954.
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
40 gpm, intermittently to two
households and stock.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
Garden area proximate to well and reservoir
spray water to fields in proximate fields.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Pressure system.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
Dec. 15, 1954
8. The depth of water table.....
200 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.....
Reservoir for storage near well used for
garden irrigation and spraying approximately 200' x 1000' x 10' deep. Snow water
runoff and flash flood storage.
10. The estimated amount of groundwater withdrawn each year.....
200,000 to 400,000 gal.
11. The log of formations encountered in the drilling of each well if available.....
Rotary drilling - 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

Virginia GulickDate Nov 29, 1963

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

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

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

7645

84004

STATE OF MICHIGAN
County of Ingham

Filed Nov 29 1963

at 3:25 P.M.

Gilbert Greiner
County Clerk

By Ann Lamborn
Attorney

Fee \$ 2.00

File No.

DUPLICATE

T. 36 N. 7 E.

County Liberty

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

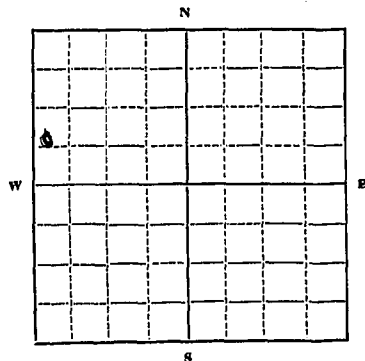
RECEIVED
DEC 18 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ida M. Bjornstad, of Joplin
(Name of Appropriator) (Address)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 10 T. 36 R. 7

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 -
Hold use

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been Feb 20, 1959
every day use

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater Started Feb 5, 1959, Completed
Feb. 20, 1959

8. The depth of water table 30 feet

9. So far as it may be available, the type, size, and depth of each well or the general specifications of any other
works for the withdrawal of groundwater 120 feet deep with Galv.
case lining, 8 x 6 inch perforated pipe from 80 to 120 ft.
2" pipe with cylinder at 100 ft.

10. The estimated amount of groundwater withdrawn each year 150,000

11. The log of formations encountered in the drilling of each well if available 0-20 5 ft clay
clay, 20-21 1/2 ft Sand, 21-22 1/2 ft Blue clay, 22-23 1/2 ft
Sand, 23-24 1/2 ft Blue clay, 24-25 1/2 ft Sand, 25-26 1/2 ft

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

Signature of Owner Ida M. Bjornstad

Date 12-17-63

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

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

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

84137

STATE OF NEW YORK
County of Albany

ss.

Filed Dec 17 19 63

at 1:50 o'clock P M.

Giles W. Steiner
County Clerk

By Alan H. Higgins
Deputy

Fee \$ 2.00

File No.

T. 36 N. R. 7 E. 10

DUPLICATE

County Liberty

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

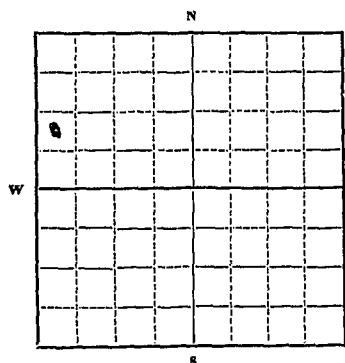
RECEIVED
DEC 18 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ida M. Bjornstad of Joplin
(Name of Appropriator) (Address)
County of Liberty State of Montana (Town)
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 10 T. 36 R. 7

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
Hold use

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been Begin 1925 and
has supplied household use
since.

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater Begin last part of 1924 & started using
first part of 1925

8. The depth of water table 18'

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 Case of 10' with wood
Casing 3x3, well 15' p.p. to set pump from
check valve at 24'

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

11. The log of formations encountered in the drilling of each well if available 0-20ft Sandy
Clay, 0-25ft Blue Clay 25ft Oyster shells

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

Ida M. Bjornstad
Date 12-17-63

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

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

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

10108

84136

STATE OF MONTANA, } ss.
County of Liberty.

Filed Dec 17 19 63

At 1:50 o'clock P. M.

Gilbert Greiner
County Clerk

By Alvin Zimmerman
Deputy

Fee \$ 2.00

GV

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

File No. _____

T. 36 N 7 E

DUPLICATE

County Liberty

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

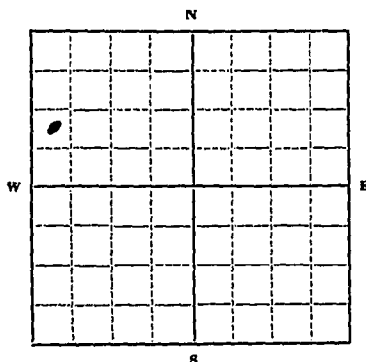
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 18 1963

STATE ENGINEER

1. Ida M. Bjornsted, of Inglin
(Name of Appropriator) (Address) (Town)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 10, T. 36 R. 7

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Hand dug in 1913 & has been supplying water for winter use & during the summer.

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

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

None

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

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

8. The depth of water table 18 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. 3x3 ft. dug well - cased 26 ft. with wood casing 1 1/2 pipe from pump to cylinder.

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

11. The log of formations encountered in the drilling of each well if available. 0-20 ft. Sand clay, 0-27 ft. Blue clay, 27 ft. oyster shells.

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 Ida M. Bjornsted

Date 12-17-63

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

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

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

10107

84135

Dec. 17 63
1:50 P.
Green Green
Don Thompson
2.00

File No.

DUPLICATE

T. 36 N 7 E

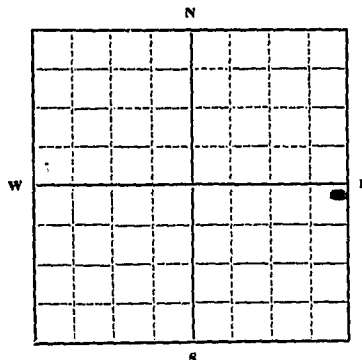
County Liberty

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 18 1963

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

1. Ida M. Bjornstad of Joplin
(Name of Appropriator) (Address)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 10, T. 36 N. R. 7 E.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Sept 18, 1962

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal flows small stream but pumped at 18 gal per minute

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started Sept 15, 1962, Completed Sept 18, 1962

8. The depth of water table 2' above ground level

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 1/2 inch casing, 2 1/2 inch pipe, 8 1/2 foot with casing perforations from 14' to 88' gravel packed

10. The estimated amount of groundwater withdrawn each year 175,200 gal

11. The log of formations encountered in the drilling of each well if available 0-22 ft. Sandy clay, 22-26 ft. Blue clay, 26-33 ft. Blue clay, 33-54 ft. Sand (water) 54-55 ft. Blue clay, 55-66 ft. Sand (water), 66-95 ft. shale, 95-100 ft. Sand (water)

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

Ida M. Bjornstad

Date 12-17-63

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

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

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

10106

84134

STATE OF IOWA
County of [unclear]

Filed Dec 17 1963

at 1:50 o'clock P. M.

By Gilbert Greener

By Alan Thibault

For \$2.00

File No. _____

DUPLICATE

T. 36 N. 7 E
County Liberty

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

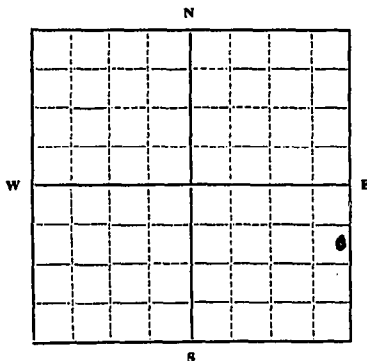
RECEIVED
DEC 18 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ida M. Bjornstad, of Liberty,
(Name of Appropriator) (Address) (Town)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 11, T. 36 R. 7

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 & Spray & Drinking water

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been July 4, 1949
Water has been used since then

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 50 gals. per minute
for tank use

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.
Flows from its own
power

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. Started drilling June 27, 1949
Finished drilling & casing July 4, 1949

8. The depth of water table 12 ft. above ground level

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. Cased with 6" steel
casing to water bearing sand at 100 ft
No perforations or screen.

10. The estimated amount of groundwater withdrawn each year 1075, 100 gal.

11. The log of formations encountered in the drilling of each well if available. 0-25 ft. Sandy
clay, 25-60 ft. Blue clay, 60-62 Sand Rock,
62-99 Blue clay, 99-100 Sand Rock, 100-62 ft. 1
bedding water

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

Signature of Owner

Date 12-17-63

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

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

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

10105

84133

STATE OF MONTANA
County of Liberty

Filed Dec 17 1963

at 1:50 P. M.

Gilbert Greiner
County Clerk

By Alva Hernandez
Deputy

Fee \$ 2.00

File No.

T 36N R 7E

DUPLICATE

County Liberty

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.....

Owner I. M. Bjornstad Address Joplin, Montana

Contractor (if any)

Address of Contractor

Date Started..... Date Completed 1935

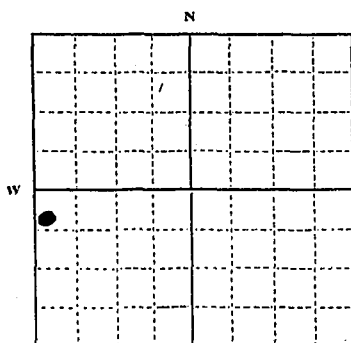
Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Water naturally

comes to ground level
to make water for
pit to water cattle

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. Cows

Use it for water
from May 1st to Nov. 30



SW 1/4 Sec. 11 T 36N R 7E
Indicate point of appropriation
and place of use, if possible.

Signature of Owner I. M. BjornstadDate 12-17-63

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

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

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

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

84138

STATE OF MONTANA }
County of Blaine }

Filed dec 17 1963

at 1:50 o'clock P.M.

Allen Shuman
County Clerk

By Alva Lumborgue
Deputy

Fee \$ 2.00

Form No. 18
8-60

T. 36 R. 7
County Liberty

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
OCT 5 1961

WATER WELL LOG

STATE ENGINEER

Owner Vern Pinley Address Joplin, Montana
Driller Ernest W. Peterson Address Cut Bank, Mont.
Date Started Sept 18 Date Completed Sept 27
Location: Sec. 11 T. 36 R. 7 $\frac{1}{4}$ sec. NE1SW1

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

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

Casing: 0 ft. to 22 ft. Type Black Size 7"

Casing: 0 ft. to 66 ft. Type Galvanized Size 4½

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

Perforated or Screened: Ft. 32 to ft. 66 Ft. _____ to ft. _____

Type of screen or perforations ½ x 6" Torch perforated

Static Water level, for non-flowing well: 24' feet.

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

Pumping water level 32 feet at 20 gal. per min.

How tested: air and bailer

Length of test 3½ minutes

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

gravel packed

7" casing cemented in

(over)

Log of Well

[illegible]

GW

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

File No.

T. 32 N R. 7 E

DUPLICATE

County Liberty

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

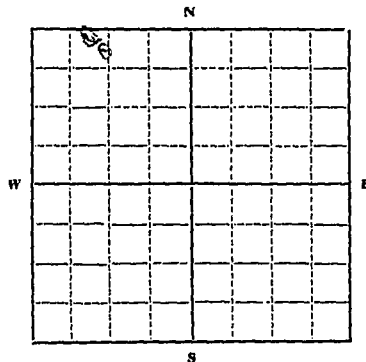
RECEIVED
DEC 20 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Harlan Bollen, of Joplin
(Name of Appropriator) (Address)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 12 T. 32 N R. 7 E

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

2. The beneficial use on which the claim is based Cattle
watering @ House
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been 1915 - daily
1950 - daily
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 5 gal per min 4 gal min
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
none
6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal
1 Pump 2 Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater 1915 1950
8. The depth of water table 100 ft 100 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 5" casing 135 ft deep
5" casing 140 ft deep
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 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

Harlan Bollen
Date Dec 18 1963

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

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

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

10875

84158

SEARCHED
INDEXED

FILED dec 18 63

2:50 P.

Green Green

Alan Lombard

200

File No.

T. 36N R. 7E

DUPLICATE

County Liberty

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

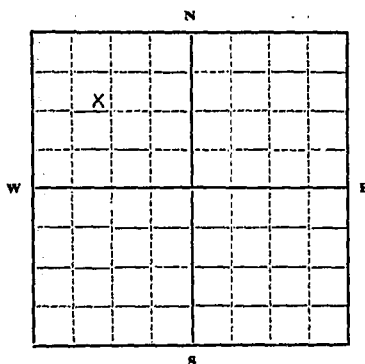
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 26 1963

STATE ENGINEER

1. Palmer Skonord of Joplin,
(Name of Appropriator) (Address) (Town)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 13 T. 36N. 7E.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1914

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
Cylinder Pump with Electric Pump Jack
Rod Type

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1914

8. The depth of water table 9 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 12 Feet Deep, 2x2 Cribbed Well
Water Withdrawn with Cylinder Pump Jack and Rod System

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

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Not Available

Signature of Owner Palmer SkonordDate Dec. 23, 1963

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

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

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

12290

84211

STATE OF MONTANA } ss.
County of Liberty.

Filed Dec. 23, 1923

at 2:40 o'clock P. M.

Gilbert Greiner
County Clerk

By _____ Deputy

Fee \$ 2.00

File No. _____

DUPLICATE

T. 36^N R. 7^ECounty Liberty

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

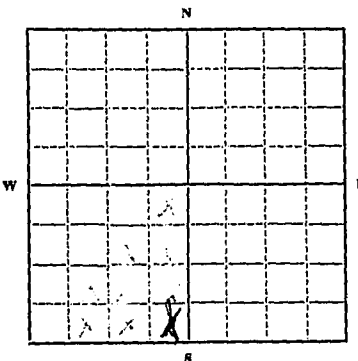
R

JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Mary Heath, of Joplin
(Name of Appropriator) (Address) (Town)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 14 T. 36^N R. 7^E

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

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

irrigation

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

indefinite
hasn't been used

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

none established

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.....

Water could be applied
to 90 acres - label

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.....

1941-1941

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

90 ft

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

drilled - 6 inches - 145 ft

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

none for irrigation

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

top soil - gravel - clay - gravel

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

Signature of Owner

Mary Heath

Date Dec 26 1963

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

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

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

36268

84445

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

Filed January 15 1964

at 9:00 o'clock a M.

Allen Greenes
County Clerk

By _____ Deputy

Fee 2

STATE OF MONTANA



OIL AND GAS CONSERVATION COMMISSION

325 FULLER AVENUE
BOX 217
HELENA, MONTANA 59601

ADMINISTRATORS
NORMAN J. BEAUDRY, EXEC. SECY.
P. O. BOX 217
HELENA, MONTANA 59601
JOHN H. RISKEN, ATTORNEY
P. O. BOX 217
HELENA, MONTANA 59601
BILLY B. LANE, GEOLOGIST
15 POLY DRIVE
BILLINGS, MONTANA 59101
GORDON D. LANQUETTE,
PETROLEUM ENGINEER
15 POLY DRIVE
BILLINGS, MONTANA 59101

COMMISSIONERS
WINSTON L. COX, CHAIRMAN
1825 GRAND AVENUE
BILLINGS, MONTANA 59102
CLYDE BREWER, VICE-CHAIRMAN
P. O. BOX 294
ROUNDUP, MONTANA 59072
ALLEN ZIMMERMAN,
P. O. BOX 277
POPLAR, MONTANA 59255
E. G. BALSAM,
2300 PEARL
MILES CITY, MONTANA 59301
LYLE KASSEL,
142 THIRD SOUTH
SHELBY, MONTANA 59474

July 9, 1968

Water Conservation Board
Water Resources Engineer
Sam W. Mitchell Building
Helena, Montana 59601

Dear Sir:

Enclosed you will find a Release Agreement concerning the
Buttes Petroleum Corporation's Well No. 1 in Section 21 36N 7E.

This well has been transferred to Fred K. Nelson and Doris
Helen Nelson, his wife, to be used as a fresh water well.

Yours very truly,

N. J. Beaudry
Norman J. Beaudry
Executive Secretary

NJB/pz
Enclosure

MONTANA WATER RESOURCES BOARD
RECEIVED
JUL 10 1968
CVS
Maneiris

APPROVED BY:

Oil and Gas Conservation Commission

G. D. Lanquette
Petroleum Engineer or Executive Secretary

Dated: *July 5* 19 *68*

RECEIVED

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF MONTANA

JUL 7 1968

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF MONTANA
SHELBY

RELEASE AGREEMENT



We,
KNOW ALL MEN BY THESE PRESENTS, that I, Fred K. Nelson and Doris Helen Nelson, his wife of the County of Liberty in the State of Montana, am the owner of the hereinafter described land upon which a well for oil or gas was drilled, to-wit:

Operator Buttes Petroleum Corporation
Lease Name No. 1 Nelson
Well No. 1 Sec. 21, Twp. 36N, Rge. 7E
The well is located 1980 feet S of the North line and 560' feet W of the East line.

We That, in accordance with Regulation 233.6, Order No. 1-1, November 30, 1953, I do hereby notify the Oil and Gas Conservation Commission of the State of Montana of my desire to utilize said well as a fresh water well; and, that if such utilization is approved, I do hereby release and discharge the operator hereinabove named from any further work or responsibility in relation to the plugging of said well.

WITNESS my hand and seal this 30th day of April 1968.

Doris Helen Nelson
Doris Helen Nelson
Fred K. Nelson (L.S.)
Landowner Fred K. Nelson
Address Joplin Mont

IN THE PRESENCE OF:

Clarence Alech Address Redyard, Montana
Robert Wehr Address Redyard, Mont.

APPROVED BY:

Oil and Gas Conservation Commission

[Signature]
Petroleum Engineer or Executive Secretary

Dated: July 5 1968

File No. _____

MAR 13 1967

T. 36 R. 7

DUPLICATE

LOG

Billie _____ McDermott _____
 B. _____ McNulty _____
 C. _____ Morton _____
 D. _____ Sullivan _____
 Dickert _____

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

County LIBERTY

Top of Ground

(Elev. above sea level _____)

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

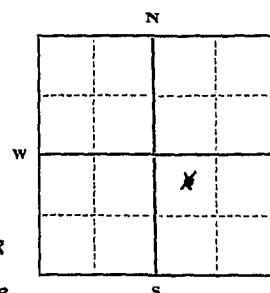
Owner McCLELLAN FARMS, INC. Address TOPPIN, MONTANADriller HI-LINE DRILLING SERVICE Address HAURE, MONTANA

Date of Notice of appropriation of groundwater _____

Date well started 10/5/65 Date completed 10/10/65Type of well DRILLED Equipment used GALE 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)
9"	6" O.D. 11 # PER FOOT T+C	1 1/2 FT. ABOVE GROUND LEVEL	116 1/2	1 1/2" x 3" SLOTTED	48	108


 Static Water Level for non-flowing well 48 feet.

 Shut-in Pressure for Flowing Well Not App.

 Pumping Water Level 109 feet at 50 gal. per minute.

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

 How Tested GALE + CYLINDER PUMP

 Length of Test 4 HOURS

 Remarks: (Gravel packing, cementing, packers, type of shutoff) None Required
To 9" DIAMETER AND WASHED
GRAVEL (1/2" DIAMETER) PLACED
AROUND OUTSIDE OF CASING

 From Bottom Back To 30 FT. FROM GROUND LEVEL
 Bentonite + Drilling Mud From 30 FT. To Surface (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).

Show exact depth of bottom.

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

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

Driller's License Number 46Driller's Signature Robert J. Jones

41793

87721

STATE OF MONTANA, } ss.
County of Liberty,

Filed March 10 1967

at 11:15 o'clock A. M.

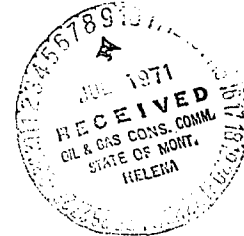
William H. Hines
County Clerk

By _____ Deputy

Fee \$ 2.00



36N 7E



32

OIL AND GAS CONSERVATION COMMISSION
OF THE STATE OF MONTANA

RELEASE AGREEMENT

KNOW ALL MEN BY THESE PRESENTS, that I, W. E. McClellan as President
of McClellan Farm, of the County of Liberty in
the State of Montana, am the owner of the hereinafter described land upon which
a well for oil or gas was drilled, to-wit:

Operator Mountain Minerals CompanyLease Name Fee - McClellan FarmWell No. 31-27 Sec. 27, Twp. 36N, Rge. 7EThe well is located 660 feet S of the N.line and 2080 feet W of the E. line.

That, in accordance with Regulation 233.6, Order No. 1-1, November 30,
1953, I do hereby notify the Oil and Gas Conservation Commission of the State
of Montana of my desire to utilize said well as a fresh water well; and, that
if such utilization is approved, I do hereby release and discharge the operator
hereinabove named from any further work or responsibility in relation to the
plugging of said well.

Water Use: Domestic x Municipal _____ Stock _____ Other _____

Industrial _____ Drainage _____ Irrigation _____

Producing Depth 650'-785' Producing Formation Eagle

Yield of well _____ Annual Withdrawal _____

WITNESS my hand and seal this 8th day of July, 19 71.

W. E. McClellan (L.S)
President Landowner of McClellan Farm
Address Joplin, Montana

SUBSCRIBED AND SWORN to before me this 8th day of July, A. D. 1971.

IN THE PRESENCE OF:
Notary Public
Notarial Seal

Bernard D. Dwyer
Notary Public for the State of Montana
Residing at Shelby, Montana 59474
My ~~Notary~~ Commission expires Mar. 16, 1972

Address _____

APPROVED BY:

Oil and Gas Conservation Commission

Norman J. Beaudry
Petroleum Engineer, Geologist, or Executive Secretary

Dated: July 9, 19 71

Doc. No. _____
Filed for record
this _____ day of _____
A. D. 19 _____, at _____
o'clock _____ M.

48726

GW

Approved Stock Form—State Publishing Co., Helena, Montana—138687

File No.

DUPLICATE

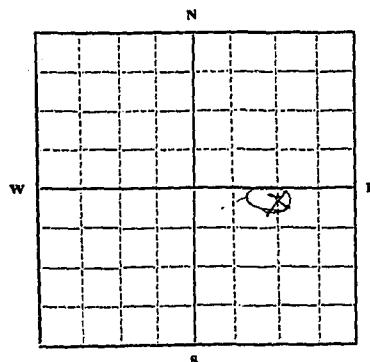
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

36 N 7 E 28
T 52 R 7
County Liberty
RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ref. Gulick of Joplin Mont.
(Name of Appropriator) (Address) (Town)
County of Liberty State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



E 1/4 Sec. 26 T. 26 R. 7

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. None Held
Sweetstock

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

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

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

none

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

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

8. The depth of water table. 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. 6" Case 180' depth

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

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.

Signature of Owner. Ref. Gulick

Date. Dec 19 1962

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

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

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

24581

84307

STATE
County
Filed Dec 30 1963
at 2:35 P.
Green Green
By Alan Zimling
Fees \$ 2.00

File No.

DUPLICATE

T 36 R 7 E 30

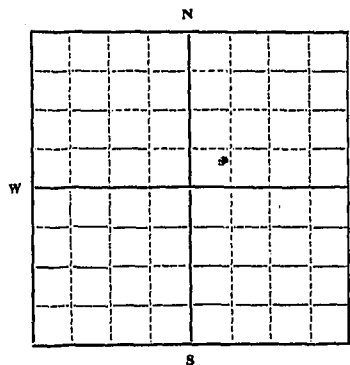
County Liberty
RECEIVED
JAN 6 1964STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



18 1/2 Sec 30 T 36 R 7

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
Liberty & Irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been March 1959
Used daily
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gpm per acre
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
Used to grow alfalfa
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Subsidence
Liberty
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater March 1959
Water March 1959
8. The depth of water table 350 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 4 1/2 inch casing for 180 ft.
Well is 8 1/2 ft deep
10. The estimated amount of groundwater withdrawn each year 500,000 gpm
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 Temple Farson
by Ernest T. Temple
 Date Dec 30, 1963

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

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

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

24598

84326

Dec. 31 63
1:00 P.
Allen Greener
Mrs. Thimbley
2:00

File No. 1

DUPLICATE

T. 36 N. 7 E.County Liberty

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

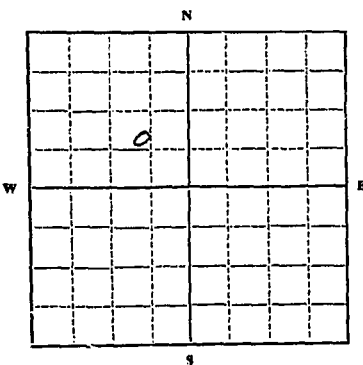
RECEIVED
DEC 16 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Edward Lempel, of Chester
(Name of Appropriator) (Address) (Town)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

SE $\frac{1}{4}$ NW Sec. 31 T. 36 R. 7 E

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

2. The beneficial use on which the claim is based. Household
Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1922
Has been in continuous use
since then
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 20 gal
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
Not used for this purpose
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
The water is withdrawn
by means of a pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1922
8. The depth of water table. 150 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. Three inch casing - 200 ft. depth
10. The estimated amount of groundwater withdrawn each year. 75,000 gal
11. The log of formations encountered in the drilling of each well if available. Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. Not available

Signature of Owner

Edward LempelDate Dec 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 Montana Bureau of Mines and Geology, and Quaduplicate for the Appropriator.

9293

84100

STATE OF MONTANA, ss.
County of Liberty,

Filed Dec 13 1963

at 1:30 o'clock P.M.

John Greiner
County Clerk

By Alva Thompson
Deputy

Fee \$ 2.00

RECEIVED
JAN 13 1964
LIBERTY COUNTY

RECEIVED

36 N 7 E 34
County LIBERTY

MAR 2 1972

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

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner HAROLD & WILLIS HODGES

Address JOPLIN, MONTANA

Date well started 11/9/71

completed 11/24/71

Type of well DRILLED

Equipment used CABLE TOOL RIG

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

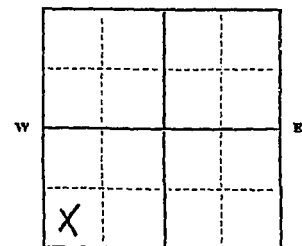
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 500,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
9 3/4"	6 5/8" O.D. STEEL (.188 WALL)	1 1/2'	7	
	6 5/8" O.D. PVC 160'	7	52	
	6 5/8" O.D. PVC 180'	52	91	3 1/2" DAILED
	6 5/8" O.D. PVC 200'	91	208	



SW 1/4 SW 1/4 Sec. 34
T. 36 N. R. 7 W.

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

Driller's Signature Robert Greer - Hi-Line Drilling Service

Driller's Address 1173 6TH ST. NO.

HAURE, MONTANA LICENSE NO. 46

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

From (Feet)	To (Feet)	(Elev. above sea level)
0 to 2	20	SOIL
20	24	SANDY & GRAVELLY BROWN CLAY
24	29	BROWNISH-GREY CLAY
29	31	DARK BROWN SHALE - THIN COAL SEAMS
31	36	SANDY BROWN SHALE
36	39	BROWN SHALE
39	49	DARK BROWN SHALE - THIN COAL SEAMS
49	58	GREY SHALE
58	59	SHALEY GREY SANDSTONE - WATER - APPROX. 1/2 GPM
59	61	HARD SANDSTONE
61	64	SHALEY SANDSTONE - WATER - APPROX. 1/2 GPM
64	69	SANDY GREY SHALE
69	71	SANDY DARK GREY SHALE
71	77	DARK BROWN SHALE - IMBEDDED MORY SHELL
77	78	BROWNISH-GREY SHALE
78	80	DARK BROWN SHALE - COAL
80	86	BROWN SHALE
86	88	SANDY GREY SHALE
88	93	SANDY GREY SHALE - FIRM
93	94	SANDY GREY SHALE
94	97 1/2	HARD SANDSTONE
97 1/2	99	SHALEY SANDSTONE - WATER - APPROX. 1/2 GPM
99	100	HARD SHELL
100	107	LT. GREY SHALE
107	118	SANDY LT. GREY SHALE
118	140	FIRM SANDY GREY SHALE
140	146	BROWNISH-GREY SHALE
146	160	BROWNISH-GREY SHALE - FIRM
160	163 1/2	GREY SHALE
163 1/2	178	HARD SHELL
178	183	MEDIUM GREY SHALE
183	203	BROWN SHALE - IMBEDDED MORY SHELL
203	205	SANDY GREY SHALE - WATER - APPROX. 1/2 GPM
205	206	GREY SHALE
206	208	HARD SHELL
208	208	SANDY GREY SHALE
208	208	FORMATION FROM 208 TO 256 PREDOMINATELY BROWN & GREY SHALE, SANDY BROWN & GREY SHALE & HARD SHELL. (NO ADDITIONAL WATER)
208	208	FORMATION FROM 256 TO 356 PREDOMINATELY DARK GREY SHALE - CLAGGETT FORMATION. (NO ADDITIONAL WATER)
208	208	HOLE PLUGGED BACK TO 208 FT. & WELL COMPLETED

208 Show exact depth of bottom

49,950

92070

STATE OF MONTANA, } ss.
County of Liberty,

Filed Feb. 9 19 72

at 11:30 o'clock A. M.

Mrs. Heininger
County Clerk

By _____ Deputy

Fee \$ 2.00

File No.

T. 36N R. 7E

DUPLICATE

County Liberty

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

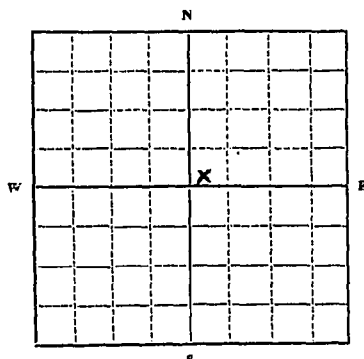
RECEIVED
NOV 22 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ireland L. Hodges, of Box 87 Joplin
(Name of Appropriator) (Address) (Town)
County of Liberty State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 35 T36 R7

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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945
Used continuously for home
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gal. minutes
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 for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
submersible pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1945
8. The depth of water table 6.0' to water
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
1.60' drilled well
5' case
10. The estimated amount of groundwater withdrawn each year approx 50,000
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record and know of any

Signature of Owner Ireland L. Hodges

Date 11-20-63

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

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

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

83949

STATE OF MONTANA } ss.
County of Liberty.

Filed Nov. 20 1963

at 2:40 o'clock P. M.

Gilbert Bremer
County Clerk

By Lara Thantiger
Deputy

Fee \$ 2.00

GROUNDWATER INDEX

Page of

County Liberty Twp. 33N Rge. 4E

[illegible]

GW1

File No.

DUPLICATE

T. 35N R. 4E

County Liberty

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

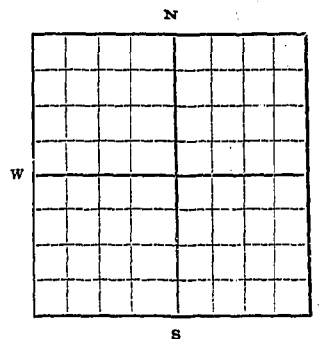
RECEIVED
JAN 6 1964

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. I, Bernett Oswood, of Chester
(Name of Appropriator) (Address) (Town)
County of Liberty, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.
2. The beneficial use to which water is to be applied is Stock Water Use
(describe lands to be benefited, if for irrigation)
3. The rate of use in gallons per minute or miner's inches of groundwater claimed Approximately 20 Gallons per Minute
4. The annual period (inclusive dates) of intended use Year Around
5. The probable or intended date of first beneficial use Year Around
6. The probable or intended date of commencement and completion of the well* or wells* 1956
7. The location, type, size and depth of well or wells contemplated Approximately 12x12 - 8 feet deep
8. The probable or estimated depth of the water table or artesian aquifer Comes to Surface
9. Name, address and license number of the driller engaged None -- Applicant
10. Give such other similar information as may be useful in carrying out the policy of this act Located in A Gravel Bed



NW 1/4 Sec. 22 T. 35N R. 4E

Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator By Bernett Oswood

Date Dec. 31, 1963

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with 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.

24608

84336

STATE OF CONNECTICUT
County of _____

Filed 12-31-63

at 2:00 P.M.

Gilbert Greene
Clerk

By Sara Thompson
Deputy Clerk

Fee 2.00

GW1

File No.

T. 35N R. 4E

2

DUPLICATE

County Liberty

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

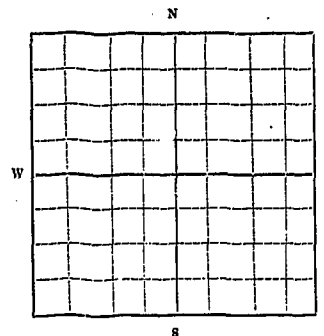
RECEIVED
JAN 6 1964

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. I, Bernett Oswood, of Chester
(Name of Appropriator) (Address) (Town)
County of Liberty, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.
2. The beneficial use to which water is to be applied is Stock Water Use
(describe lands to be benefited, if for irrigation)
3. The rate of use in gallons per minute or miner's inches of groundwater claimed Approximately 15 Gallons Per Minute Flow
4. The annual period (inclusive dates) of intended use Year Around Use
5. The probable or intended date of first beneficial use Year Around Use
6. The probable or intended date of commencement and completion of the well* or wells* 1900 Estimated
7. The location, type, size and depth of well or wells contemplated 2x2 feet & Approximately 2 feet Deep -- Flowing
8. The probable or estimated depth of the water table or artesian aquifer Flowing to Surface
9. Name, address and license number of the driller engaged Dug by Owner
10. Give such other similar information as may be useful in carrying out the policy of this act Flows from Gravel Bed



NW 1/4 Sec. 2 T. 35N R. 4E

Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator By Bernett Oswood

Date Dec. 31, 1963

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with 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.

4611

84339

STATE OF CALIFORNIA }
County of Santa Clara }

Filed 12-31 1963

at 2:00 o'clock P.M.

Gileen Green
County Clerk

By Mara Hernandez
Deputy

Fee \$ 2.00