

GW 3

Approved Stock Form - State Publishing Co., Helena, Montana - 19313

File No. 82354

T. 15 R. 17 E
County Silver Bow

DUPLICATE

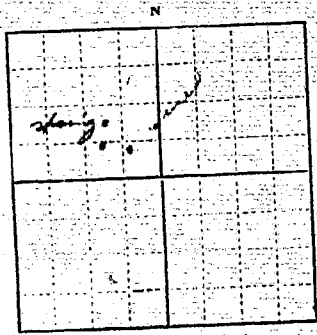
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1940
Owner Irving Pollard Address Reed Point
Contractor (if any) none
Address of Contractor _____
Date Started 1940 Date Completed 1940



SE 1/4 NW Sec. 19 T. 15 R. 17 E
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. surface water, spring piped to tank with 1" pipe length about 250ft used for stock water

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. continuous use the meter around about 4 gal. per minute.

Signature of Owner Irving Pollard
Date Dec 14, 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.

18-13

92359

STATE OF MONTANA }
County of Sweet Grass } ss.
Filed this 30 day
of Dec A. D. 1965
at 10:35 o'clock A. M.
Arne Naim
Clerk
By _____
Deputy.

File No. 82358

Approved Stock Form—State Publishing Co., Helena, Montana—39089 21

T. 15 R 17 E
County Sweet Grass

DUPLICATE

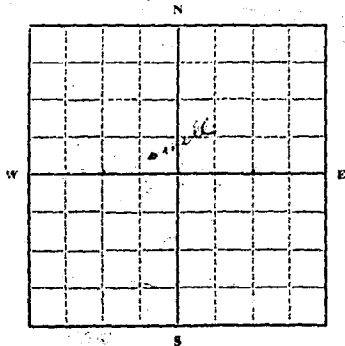
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 2 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Living Pallard, of Reed Point
(Name of Appropriator) (Address) (Town)
County of Sweet Grass State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NW Sec. 29 T. 15. R. 17 E
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use of which the claim is based stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1953. has been in continuous use since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 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 used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal sump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not known
8. The depth of water table about 40 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well, 6" 40 feet deep
10. The estimated amount of groundwater withdrawn each year 50,000 gallon
11. The log of formations encountered in the drilling of each well if available unavailable
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 applicable

Signature of Owner Living Pallard
Date Dec 14, 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.

18212

82358

STATE OF MONTANA, }
County of Sweet Grass. } ss.

Filed this 30 day
of Dec A. D. 19 63
at 10:30 o'clock A.M.
Arni Haem
County Clerk
By _____ Deputy

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42199

File No. 82217

T. 15 R. 17 East

DUPLICATE

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

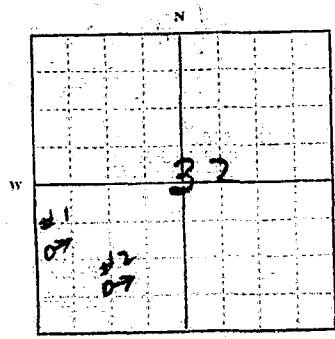
Notice of Completion of Groundwater Appropriation Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1890
Owner Olav Starling Address Reed Pointment
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. Flows to Surface by gravity



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
5 inches
10 " "

1/4 Sec. 32 T. 15 R. 17E Cont. # 1
Indicate point of appropriation and place of use, if possible.

#1 SWNWSW 1/4 Sec 32
#2 NESWSW 1/4 Sec 32

Signature of Owner Olav S. Starling
Date 12/20 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.

82212

STATE OF MONTANA }
County of Sweet Grass } ss.

Filed this 21 day

of Dec A D 1963

at 4:50 o'clock P.M.

By Anna Adams
County Clerk

Deputy.

FILED
DEC 21 1963
SWEET GRASS COUNTY

32

File No. 82059

T. 15 R. 17E
County Sweet Grass

DUPLICATE

RECEIVED
DEC 18 1963

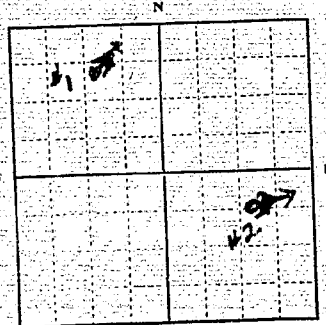
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1890
Owner Olov Stenberg Address Red Post
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. Water flows to surface by gravity both springs developed with catchment basin + piped to a tank

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
1 runs approx 10 miles ditches
2 " " 10 miles ditches

1/4 Sec 32 T. 15 R. 17E
Indicate point of appropriation and place of use, if possible.

- #1 SW NE NW 1/4 Sec 32
- #2 SW NE SW 1/4 Sec 32

Signature of Owner Olov S. Stenberg
Date 12/13 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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

82059

STATE OF MONTANA }
County of Sweet Grass } ss.

Filed this 13 day
of Dec A. D. 1963
at 4:45 o'clock P. M.
Arnie Haem
County Clerk
By _____ Deputy.

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93013

STATE OF MONTANA) ss.
COUNTY OF SWEET GRASS)
Filed this 19th day of June A. C. 19 72
at 2:15 o'clock P. M.
Margaret [unclear]
County Recorder
By [Signature]
Deputy

File No. STATE WATER CONSERVATION BOARD

T. R.

DUPLICATE

JUL 10 1967

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

0-11 TOP soil

11-16 Soft Sandstone

16-51 Hard Grey shale

51-61 Sandstone

61-79 Grey shale

79-90 Pink Shale (6 inch)

90-96 Hard Grey Shale

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Sweet Grass County Big Timber

Driller B. H. Drilling 91st Street, Montana

Date of Notice of appropriation of groundwater

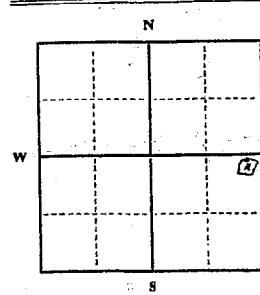
Date well started 6/27/67 Date completed 6/30/67

Equipment used Churn drill
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other Reservoir

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.

Depth (Feet)	Character of Stratum	PERFORATIONS		
		Kind & Size	From (Feet)	To (Feet)
17	1" Plastic	3/16	55	60
96	2" Plastic	1/2	85	90



Static Water Level for non-flowing well 5.0 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 6.0 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Cables & Pump

Length of Test 1 hr. each

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

3 ac in NE 1/4 Sec. 36, T.15S, R.12E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

96 ft.

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 NO 27

Driller's Signature B. H. Drilling

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STATE OF MONTANA,)
County of Sweet Grass.) ss.
Filed this 7 day
of July A. D. 1962
at 11:30 o'clock A.M.
Margaret Pappas
County Clerk
By Deputy.

GW 3

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

File No. 8-2605

T. 15 R. 17E

DUPLICATE

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 24 1963

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1920 12/30/63

Owner State of Mont Address

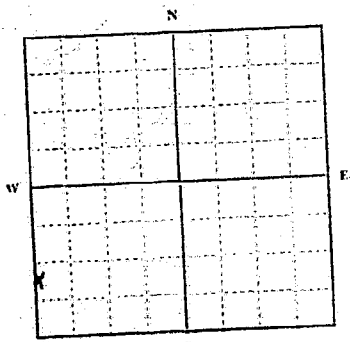
Contractor (if any)

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.

Gravity flow



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 water

inserted bed from springs up stream
stock water for 5 to 6 months

Signature of Owner State of Montana
by Jack B. Swift, Secy
Date Dec. 30, 1963

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

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

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

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

82605

STATE OF MONTANA }
County of Sweet Grass } SS.
Filed this 21 day of Jan A.D. 1964
at 845 O'Clock A.M.
Guss Hain
County Clerk
By _____
Deputy

File No. 85030 NOV 22 1965

T. 15 R. 17E

DUPLICATE

Bill: _____ McDermott _____
Butcher: _____ McNulty _____
Coy: LOG Merton _____
Darlington _____ Sullivan _____
Dart _____

County Sweetgrass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Groundwater

(Elev. above sea level) 0-7 ft Gravel + Sand

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Fred Swift Address Redpoint, Mont

Driller B. H. Drilling Address Freshford, Mont

Date of Notice of appropriation of groundwater _____

Date well started 11/9/65 Date completed 11/13/65

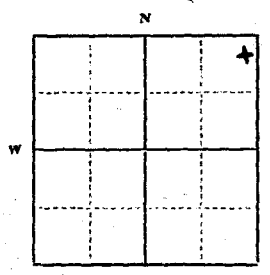
Type of well Dirted Equipment used Churn Drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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 strata 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		
				Kid Size	From (Feet)	To (Feet)
<u>6 inch</u>	<u>6 5/8 17# 4"</u>	<u>12</u>				
<u>4 1/2</u>	<u>5-</u>	<u>86</u>	<u>3/16</u>	<u>75</u>	<u>80</u>	<u>Holes</u>

7-76 ft Grey Shale
76-81 Soft Black Shale
81-86 Grey S. shale



Static Water Level for non-flowing well 18 feet.
Shut-in Pressure for Flowing Well _____
Pumping Water Level 78 feet
at 9 gal. per minute.
Discharge in gal. per min. of flowing well _____

How Tested Bailer
Length of Test 2 hrs.
Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

NE 1/4 NE 1/4 Sec 26 T. 15 R. 17E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

86 ft

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.

No 27
Driller's License Number
Paul Hengery
Driller's Signature

Fred B. Swift
85030

STATE OF MONTANA,
County of Sweet Grass. } ss.

Filed this 19 day
of Nov A. D. 1965
at 9⁰⁰ o'clock A. M.
Gene Haase
County Clerk.
By _____ Deputy.

File No.

T. 1S. R. 17E.

TRIPPLICATE

County Sweet Grass

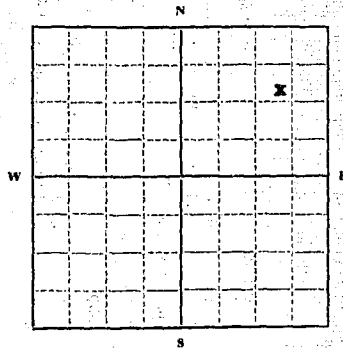
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Frederick B. Swift** of **Respoint**
(Name of Appropriator) (Address) (Town)
County of **Sweet Grass** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NE4 Sec. 36 T. 1S R. 17E

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 continuous the use has been **October 1927, continuously**

4. The amount of groundwater claimed (in miner's inches or gallons per minute) **Pump at capacity 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 **water few flowers about house in summer.**

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **September 1927**

8. The depth of water table **101 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 **8 inches top casing, 6 inches after 30 ft.**

10. The estimated amount of groundwater withdrawn each year **For general use in two houses, water 125 cattle, 50 to 100 hogs, perhaps average 1000 gal. per day**

11. The log of formations encountered in the drilling of each well if available **No log available - struck gravel at 12 feet, water at 22 feet, sandstone at 30 thru 38 feet, gravel rest of depth.**

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

Signature of Owner *Frederick B. Swift*

Date **March 12, 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.

79914
STATE OF MONTANA, }
County of Sweet Grass. } ss.
Filed this 13 day
of May A. D. 1963
at 12:00 o'clock A.M.
DICK ARMSTRONG
County Clerk.
By Arthur Thompson
Deputy.

File No. 81683

T. 2S R. 12E

DUPLICATE

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

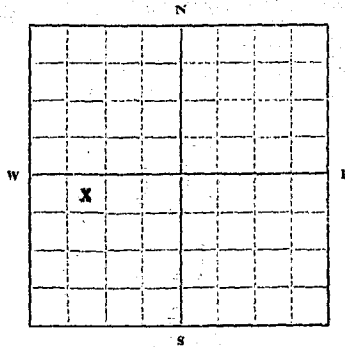
RECEIVED
OCT 14 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. U. S. Forest Service, of Big Timber
(Name of Appropriator) (Address) (Town)
County of Sweet Grass State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 8 T. 2S. R. 12E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1934 - continuous.

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. Spring box and pipe to trough.

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

8. The depth of water table. Surface spring.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. A collection box placed in spring and 1-1/2" pipe installed from box to water trough.

10. The estimated amount of groundwater withdrawn each year. Not applicable.

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

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

U. S. Forest Service
By: [Signature]
District Ranger
Date: Oct. 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 Quadruplicate for the Appropriator.

6354

81683

STATE OF MONTANA } ss.
County of Sweet Grass }
Filed this 4 day
of Oct A-D 19 63
at 4:12 o'clock P.M.
Arne Haem
County Clerk.
By _____ Deputy

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42199

File No. 52264

T. 25 R. 12 E. 24
County Sweet Grass

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

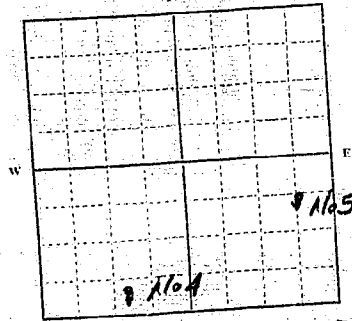
RECEIVED
DEC 30 1963

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12/26/63
Owner B.W. Clayton Address McLeod, Mont
Contractor (if any) none
Address of Contractor none
Date Started unknown Date Completed unknown

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



Indicate point of appropriation and place of use, if possible.
1/4 Sec. 24 T. 25 R. 12 E.

No 4. SW 1/4 SE 1/4 SW 1/4
No 5. SW 1/4 NE 1/4 SE 1/4

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. estimated flow in ditch 5-8 gals per minute. Used year around for stock water

Signature of Owner B.W. Clayton
Date Dec. 26, 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.

82264

STATE OF MONTANA }
County of Sweet Grass. } ss.

Filed this 26 day

of Dec A. D. 1963

at 700 o'clock P.M.

Arne Hansen
County Clerk.

By _____
Deputy.

File No. 81985

T. 2S R 12E

DUPLICATE

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 9 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater... 12-6-63

Owner... Lloyd Beer Address... McLeod, Montana

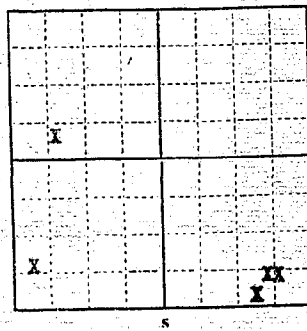
Contractor (if any)

Address of Contractor
Same year No. 1, 1962 No. 2, 1954

Date Started... as completed Date Completed... No. 3, 1951 No. 4, 1951
No. 5, 1958

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. No. 1 runs into reservoir.

No's. 2, 3, 4, 5 are piped into tanks.



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.....

$\frac{1}{4}$ Sec. 25 T. 25 R. 12E

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

No. 1 SE $\frac{1}{4}$ SE Sec. 25, 28 12E

No. 2 SE $\frac{1}{4}$ SE Sec. 25, 28 12E

No. 3 SE $\frac{1}{4}$ SE Sec. 25, 28 12E

No. 4 SW $\frac{1}{4}$ NW Sec. 25, 28 12E

No. 5 SW $\frac{1}{4}$ SW Sec. 25, 28 12E

No. 1 - year around - 3 miner's inches.

No. 2 - year around - 2 miner's inches.

No. 3 - year around - 2 miner's inches.

No. 4 - year around - 2 miner's inches.

No. 5 - year around - 2 miner's inches.

Signature of Owner... Lloyd Beer

Date... December 6, 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.

20015

81985

STATE OF MONTANA, }
County of Sweet Grass. }

Filed this 6 day

of December A. D. 19 63

at 4:00 o'clock P.M.

Annie Haam

County Clerk

By _____ Deputy.

GROUNDWATER INDEX

County Sweet Grass Twp. 25 Rge. 13 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Hazel B. Walker	6-1962	79646	
1	Hazel B. Walker	1962	79646	
2	Burton O. Craft	GW3	82093	
3	Burton O. Craft	GW3	82095	
21	Burton O. Craft	GW3	82099	
5	Burton O. Craft	GW3	82092	
8	Burton O. Craft	GW3	82087	
9	Burton O. Craft	GW3	82091	
10	Burton O. Craft	GW3	82090	
10	Mr. & Mrs. C. L. Martin	GW2	81121	
13	Robert F. Brownlee	GW3	82546	
14	John Peters	GW3	82225	
15	Burton O. Craft	GW4	82088	
15	John Peters	GW4	82224	
15	John R. Cooper	GW2	88522	
15	D. B. Ballentine	GW4	81146	
17	Master Peterson	GW4	81107	
18	Charles F. Reid	GW4	81433	
19	Charles F. Reid	GW4	81434	
20	Burton O. Craft	GW3	82086	
21	Burton O. Craft	GW3	82094	
22	Rayd Bear	GW3	81936	
23	Robert F. Brownlee	GW3	82549	
24	Robert F. Brownlee	GW3	82545	
24, 3	Warren P. Wooding	GW3	82453	
26	Robert F. Brownlee	GW3	82547	
28	Waight Eason	GW3	81934	
28	Harry Anderson	GW3	82630	
29	Harry Anderson	GW3	82633	
30	Waight Eason	GW3	81935	
30	Harry Anderson	GW3	82638	
31	Harry Anderson	GW3	82641	
32	Harry Anderson	GW3	82635	
32	Harry Anderson	GW4	82635	
33	Harry Anderson	GW3	82632	
34	Rayd Broughton	GW3	82707	

No. 28

2 South 13 East
County Sweet Grass

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 3 1906

Water Well Log

STATE ENGINEER

	Owner <u>Hage B. Weller</u>	Address <u>Big Timber Montana</u>
	Driller _____	Address _____
	Date Started _____	Date Completed _____
	Location: Sec. <u>1 T. 25 N. 13 E</u> sec. <u>SW 4 NW 4 NE 4 NW 4</u>	

Type of well Spring Equipment used _____
(dug, driven, or drilled) (Churn, drill, rotary, other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

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

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

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

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

Type of screen or perforations _____

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

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

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

How tested: _____

Length of test _____

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

Natural spring used for stock water

(over)

Log of Well

74676

Depth From	foot To	Description of Material Drilled

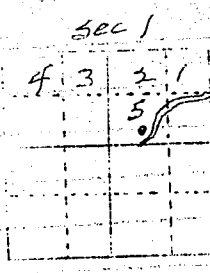
STATE OF MONTANA }
 County of Sweet Grass }
 Filed this 27 day
 of Dec. A.D. 1941
 at 4:14 P.M.
 J. W. MURPHY
 Clerk
 By Richard Thompson
 Deputy

2 South 13 East
County Sweet Grass

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 3 1962

Water Well Log



Owner Hazel B. Weller Address Big Timber Montana

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec. 1 T. 25 R. 13 E sec. SW 1/4 NW 1/4 SW 1/4 SE 1/4

Type of well dug (dug, driven, or drilled) Equipment used (Chain, drill, rotary, other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

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

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

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

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

Type of screen or perforations _____

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

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

Pumping water level 10 feet at 5 gal. per min.

How tested: _____

Length of test _____

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

N.T. Kees When Well Was Dug

File No. E 2093

T. 25 R. 13 E

DUPLICATE

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12-16-63

Owner Burton C Craft Address M. Level Montana

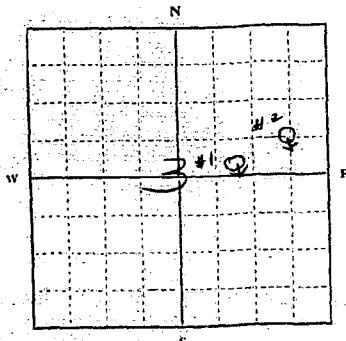
Contractor (if any) _____

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.

Spring #1 20 miners inches
Spring #2 20 miners inches



NE 1/4 Sec. 3 T. 25 R. 13 E

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. 12 mo
if you for stock water

Signature of Owner Burton Craft

Date 12-16-63

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.

10530

82093

STATE OF MONTANA, }
County of Sweet Grass. } ss.

Filed this 19 day
of Dec A. D. 1963
at 1:05 o'clock PM
Russ Hume
Clerk.
By _____ Deputy

GW3

File No. 82085

DUPLICATE

T. 25 R. 13 East 3
County. Sweet Grass

RECEIVED
DEC 19 1962

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

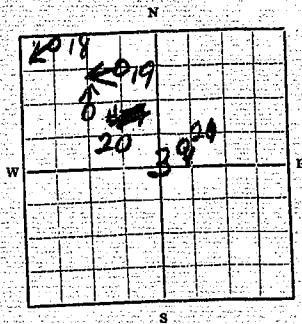
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12-21-62
Owner Burton O Craft Address McLeard, Mont
Contractor (if any) _____
Address of Contractor _____
Date Started _____ Date Completed _____

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

Spring #	18	20	minutes	inches
	19	30	"	"
	20	10	"	"
	21	10	"	"



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 _____

12 months

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

Signature of Owner Burton O Craft
Date 12-21-1962

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.

1057-2

3

D
ER

1

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2

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87-2

82085

STATE OF MONTANA, }
 County of Sweet Grass } ss.
 Filed this 17 day
 of Dec A. D. 1963
 at 11:32 o'clock A.M.
Gene A. [unclear]
 County Clerk
 Deputy

[Faint handwritten notes, possibly including "C... 26..."]

[Faint handwritten notes, possibly including "1963"]

GW 3

File No. 82089

DUPLICATE

T. 25 P. 13 East

County Sweet Grass Co

RECEIVED
DEC 19 1962

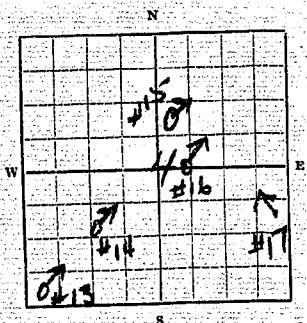
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12-21-62
Owner Burton O. Craft Address McLeod Mont.
Contractor (if any) _____
Address of Contractor _____
Date Started _____ Date Completed _____



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

# 13	30	inches
14	30	inches
15	30	" "
16	20	" "
17	10	" "

1/4 Sec. T. R.
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 12 Month

Signature of Owner Burton O. Craft
Date 12-21-1962

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.

12-21-62

82089

STATE OF MONTANA, }
County of Sweet Grass. }

Filed this 17 day
of Dec A. D. 1963
at 11:50 o'clock A M
Archie Hahn
County Clerk
By _____
Deputy

[Faint, illegible handwritten notes and stamps, possibly including a date like 12-17-63]

GW3

File No. 82092

DUPLICATE

T. 25 R. 13E

County Sweet Grass

RECEIVED
DEC 19 1962

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 12-21-62

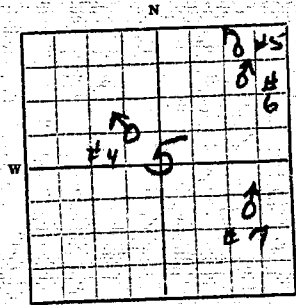
Owner Burton O Craft Address McLeod Mont

Contractor (if any)

Address of Contractor

Date Started Date Completed

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



Spring # 4	20	inches
5	10	inches
6	10	"
7	10	"

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 12700

1/4 Sec. T. R.

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

Signature of Owner Burton O Craft

Date 12-21-1962

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.

82092

STATE OF MONTANA

County of Sweet Grass

Filed this 17 day

of Dec A. D. 1963

at 1:00 o'clock P.M.

by Arne Hoeng
County Clerk

By _____ Deputy

CW3

File No. 82087

DUPLICATE

T. 25 R. 13E

County Sweet Grass

RECEIVED
DEC 19 1962

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

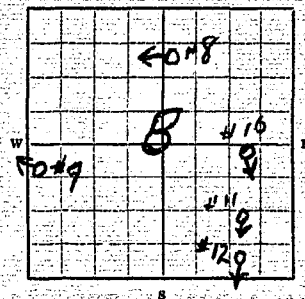
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12-21-62
 Owner Burton O Craft Address McLeod, Mont
 Contractor (if any) _____
 Address of Contractor _____
 Date Started _____ Date Completed _____

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



- #8 10 miner inches
- #9 20 miner inches
- #10 10 miner inches
- #11 40 miner inches
- #12 10 miner inches

_____ 1/4 _____ Sec _____ T _____ R _____
 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 12 mo

Signature of Owner Burton Craft
 Date 12-21-1962

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.

82087

STATE OF MONTANA }
County of Sweet Grass } ss.
Filed this 17 day
of Dec A. D. 1963
at 11140 o'clock A.M.
Arnie Hansen
County Clerk
By Denny

GW 3

File No. 82091

DUPLICATE

T. 2 S R. 13 East
County Sweet Grass

RECEIVED
DEC 19 1962

STATE ENGINEER

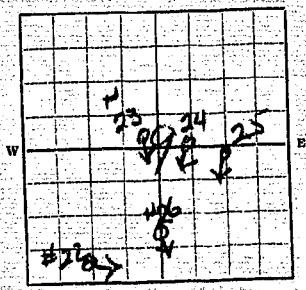
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12-21-62
Owner Burton O Craft Address McLeod Court
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.



# 22	5	Miner Inches	
23	10	"	"
24	10	"	"
25	10	"	"
26	20	"	"

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

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

12 month

Signature of Owner Burton O Craft
Date 12-21-1962

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.

82091

STATE OF MONTANA }
County of Sweet Grass } ss.

Filed this 17 day
of Nov A. D. 1963
at 12:00 o'clock AM
Anna Hain
County Clerk
Deputy

GW3

File No. 82090

DUPLICATE

T. 25 R. 13 East ¹⁰
County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1962

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

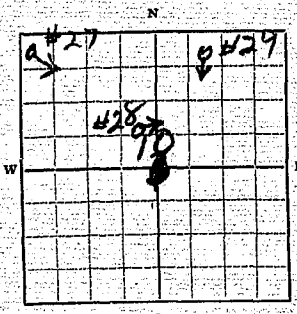
Date of Appropriation of Groundwater 12-21-'62
Owner Burton O Craft Address McLeod Mont

Contractor (if any)

Address of Contractor

Date Started Date Completed

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



- # 27 10 inches
- # 28 5 inches
- # 29 10 " "

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

1/4 Sec. 10 T. 25 R. 13E
Indicate point of appropriation and place of use, if possible. 12 months

Signature of Owner Burton Craft
Date 12-21-62

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.

GW 2

File No. 81121

T. 23 R. 13E

DUPLICATE

County S.D.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 15 1963

Notice of Completion of Groundwater Appropriation by Means of Well ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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

From ft. to 2 ft - top soil

2 ft to 55 ft - yellow clay

55 ft to 67 ft.

Water level 55 ft.

from grade

Water flow 10 gal.

per min.

Water at 66 feet.

Owner Mr. C. L. Manton Address W. Lead Mont.

Driller Leroy E. Johnson Address 1145 Lafayette Ave

Date of Notice of Appropriation of Groundwater Billings, Mont.

Date well started March 10, 1956 Date Completed March 15, 1956

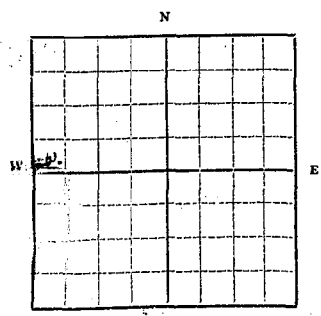
Type of well Drilled Equipment Used Cable tool
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

We own 1.287 acres
of land in S.W. corner
of Sec. 10 and Sec. 15 N.E.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	6" O.D. 12 lbs per ft.	from Grade	64 1/2	none		



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

Static Water Level for non-flowing Well 55 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 63 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailer Length of Test 4 hrs

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) 1 acre
one acre (Leads)

Show exact depth of bottom.

4
Driller's License Number
Leroy E. Johnson
Driller's Signature

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

82090

STATE OF MONTANA, }
County of Sweet Grass. } ss.

Filed this 17 day
of Dec A. D. 1963
at 11:55 o'clock A.M.
Arnie Holman
County Clerk
By _____ Deputy

[Faint, illegible handwritten text and markings, possibly including a date like 5-20-63]

30-10
LIVED

5 1963

ENGINEER

(11)

Mont.

Mont. and
Mont.

ch. 15-1956
road

Irrigation

of the different
rock or sand,
and character of
the well.

NOTATIONS

From (ft)	To (Feet)
0	

feet:

gals. per minute.

4 hrs

of shutoff, loca-
tion of well, and any
other identifying number of
well

number

Survey

Inspector and Re-

Department of Mines

3918

81171

STATE OF MONTANA }
County of Sweet Grass. } GA.

Filed this 14 day
of March A. D. 1963
at 3:25 P. M.
Anne Hawn
By _____
Notary

File No. 87546

T. 25 R. 13E
County Sweet Grass Co.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

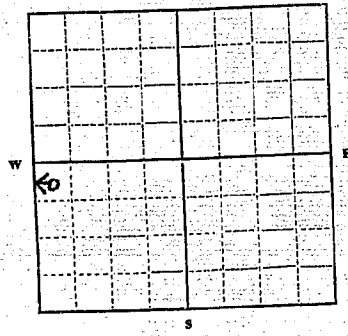
R
JAN 22 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 3-11-'63
Owner Robert F. Brownlee Address Big Tracker
Contractor (if any) _____
Address of Contractor _____
Date Started _____ Date Completed _____

to spring



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.

W NW SW 1/4 Sec 13 T. 25 R. 13E
Indicate point of appropriation and place of use, if possible.

Year round use - Spring
run approx 20 gallons per minute

Signature of Owner Robert F. Brownlee
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.

82546

STATE OF MONTANA }
County of Sweet Grass } ss.

Filed this 20 day
of Jan A. D. 1964
at 1:30 o'clock P.M.
Rene Haun
County Clerk
By _____ Deputy.

*6-1-64
Rene Haun
County Clerk*

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—12199

File No. 82315

T. 28 R. 13E

County Sweet Grass

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session, Laws, 1961)

Date of Appropriation of Groundwater. 12/26/63

Owner John Titea Address McLeod, Mont.

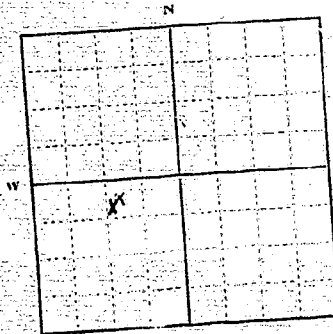
Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

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

Free flowing gravity



1/4 Sec. 14 T. 25 R. 13E
Indicate point of appropriation and place of use, if possible.

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

estimate approximate lengths of periods of use.

Used year around
10 gals per min

Signature of Owner John H Titea

Date 12/26/63

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 Re-order 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.

15745

87315-

STATE OF MONTANA, }
County of Sweet Grass. } ss.
Filed this 27 day
of Dec A D 19 63
at 10 05 o'clock A.M.
Arne Horn
County Clerk.
By _____ Deputy.

GV

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

File No. 82088

T. 25 R. 13 East

DUPLICATE

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

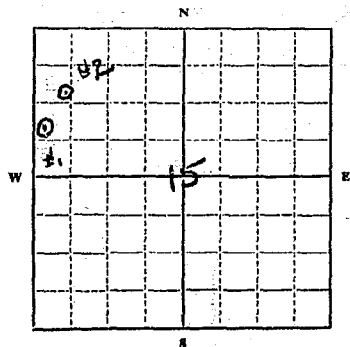
RECEIVED
DEC 19 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Burton O. Craft of Michael
(Name of Appropriator) (Address) (Town)
County of Sweet Grass State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



..... $\frac{1}{4}$ Sec. T. R.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been No. 1 well 40 yrs.
No. 2 well 40 yrs.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) No. 1 well 30 miner inches per minute - No. 2 well 60 miner inches per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
No. 1 well precise field use - No. 2 well stock water in winter and hot water plume in summer

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
No. 1 well by pump - No. 2 well artesian

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 No. 1 well - 12 foot No. 2 well 2200 foot

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater No. 1 well - 16 foot No. 2 well 2200 ft

10. The estimated amount of groundwater withdrawn each year Unknown

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 Burton O. Craft

Date 12-21-62

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.

82088

STATE OF MONTANA }
County of Sweet Grass } ss.

Filed this 17 day
of Dec A. D. 1963
at 11145 o'clock A. M.
Ann Ham
County Clerk
By _____ Deputy.

File No. 82314

T. 2 S., R. 13 E.

DUPLICATE

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

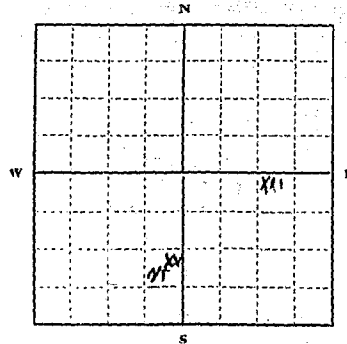
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John H Titeen, of McLeod Montana
(Name of Appropriator) (Address) (Town)
County of Sweet Grass State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 1 E T. 2 S. R. 13 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: Home hold over Stone Water - Drilled Well Well No. 2 Well No. 1 Stone Water 60 ft deep
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1953 continuous (Well No. 1 30 ft deep dug well)
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute):
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof:
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Well No. 1 Hand pump

- 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: Well No. 2 - 14 ft - Well No. 1 - 10 ft
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Well No. 2 60 ft deep 2 1/2 inch casing Well No. 1 4 ft deep Well No. 2 150 cone and pump
- 10. The estimated amount of groundwater withdrawn each year: Well No. 2 150 cone and pump
- 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: John H Titeen
Date: 12/26/63

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.

15944

82314

STATE OF MONTANA, }
County of Sweet Grass, } ss.

Filed this 27 day

of Dec A. D. 1963

at 10:00 o'clock A. M.

By Anne Ham
County Clerk

Deputy.

GW 2

File No.

T. R.
County Sweet Grass

DUPLICATE

MONTANA WATER RESOURCES BOARD
LOG RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JUN 30 1969

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)



Owner John R. Cooper Address The Road, Mont.
2107 Bridger Dr.

Driller Donald C. Jones Address Butte, Mont.

Date of Notice of appropriation of groundwater

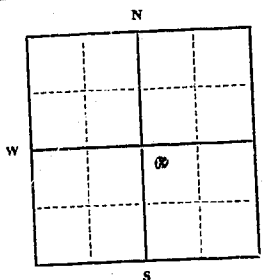
Date well started April 9, 1969 Date completed April 15, 1969

Type of well Drilled Equipment used Churn Drill
(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)		PERFORATIONS		
		To (Feet)	Kind Size	From (Feet)	To (Feet)	
6 in.	6 5/8" C.P. 19#	Top of Ground	33'			
	5" I.D.	30 1/2'	75'	1/4" x 3/8" S.P.T.	35'	75'



Static Water Level for non-flowing well 19 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 75 feet

at 6 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Beaker

Length of Test 1 hr.

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

NW-SE 1/4 Sec. 15, T.25, R.13, E.2
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

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.

17
Driller's License Number

Donald C. Jones
Driller's Signature.

45388

FILED: June 26, 1969
3:30 O'Clock P.M.

File No: 88522
MARGARET PLAGGEMEYER Clerk & Recorder

By Deputy: Walter D. Halling

GV

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

File No. 81145

T. 2 R. 13E

DUPLICATE

County. Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

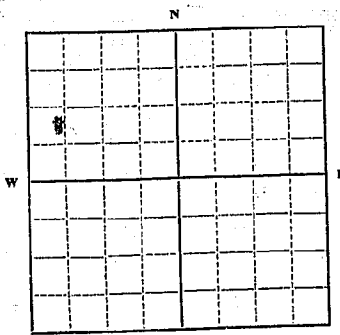
RECEIVED
MAR 25 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, N. B. Gallentina, of McLeod, Montana (Town)
(Name of Appropriator) (Address)
County of Sweet Grass State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 15 T. 2 S. R. 13E
Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based... Home and Business
3. Date or approximate date of earliest beneficial use; and how continuous the use has been... Approximately 35 years and the use has been continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute)... never been tested, approximately 60 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... electric pump located as per drawing
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... Approximately 1928
8. The depth of water table... 20 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... Dug well, six inch steel casing, water pumped by electric pump
10. The estimated amount of groundwater withdrawn each year... about 750 gallons
11. The log of formations encountered in the drilling of each well if available... mostly 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... County Record 8 81145 Filed Mar 27, 1963

Signature of Owner.....
Date... March 22, 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.

4001

81146
STATE OF MONTANA, }
County of Sweet Grass. } ss.
Filed this: 22 day
of March A. D. 1963
at 10:25 o'clock A. M.
Gene Haenig
County Clerk.
By _____ Notary

GW

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

File No. 81102

T. 2 S. R. 13 E.

TRIPLICATE

County Sweet Grass

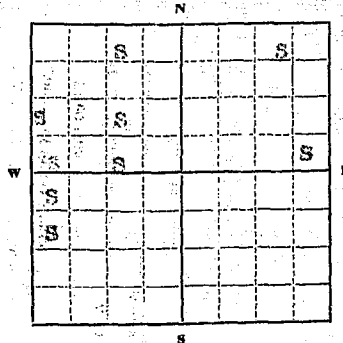
STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

RECEIVED
 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Martin Peterson of Box 713 Big Timber,
 (Name of Appropriator) (Address) (Town)
 County of Sweet Grass State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$ Sec. 17 T. 23. R. 13 S

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.....
Since 1948 and use has been continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
45 50 miner's inches

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
No irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
All nine springs above indicated flow free to the land around.

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.....
at surface of ground at each spring

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
No improvements

10. The estimated amount of groundwater withdrawn each year.....
over one million gallons.

11. The log of formations encountered in the drilling of each well if available.....
None

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....
Since 1948 I have been the owner of the land and have been using the water for stock water.

Signature of Owner Martin Peterson

Date Apr. 11, 1963

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

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

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

3866

RECEIVED

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as follows:

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water

1, 1963

hich the well is

Montana Bureau

3866

STATE OF MONTANA,
County of Sweet Grass.

Filed this 11 day
of March A. D. 1963
at 2:25 P. M.
Gene Ham
County Clerk
BY _____

Montana Bureau
of Land Survey