

82900

STATE OF _____
COUNTY OF _____
FILED _____ 25 _____
of _____ Jan _____ 64
at _____ 4 _____
_____ Anne Hahn
By _____

73
FILE NO. 82407

T. 4N R. 17E
SWEET GRASS COUNTY

STATE OF MONTANA
ADMINISTRATIVE CODE
OFFICE OF STATE ENGINEER

JAN 29 1964

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION
WITHOUT WELL
(Under Chapter 237, Montana Statutes, 1961)

Date of appropriation of Groundwater 12-30-63

Owner Leo Cremer Address Helmville, Mont

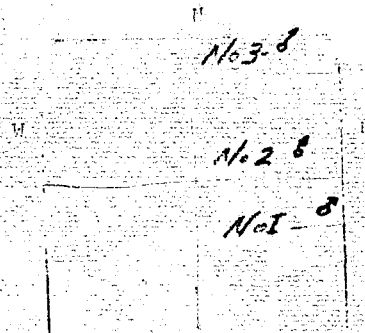
Contractor (if any) none

Address of Contractor none

Date Started undetermined Date Completed -

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

Gravity Flow springs originating from underground sources.



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

estimated flow 5 gals per minute, used year around for stock water

Sec. 16 T4N 17E
Indicate point of appropriation and place of use, if possible.

No. 1. NE 1/4 SE 1/4 Sec. 16

No. 2. SE 1/4 NE 1/4 Sec. 16

No. 3. NE 1/4 NE 1/4 Sec. 16

Signature of Owner

Leo Cremer

Date Dec 30 1963

STATE OF MONTANA
OFFICE OF STATE ENGINEER

may not be used to irrigate, and the appropriator of the waters hereby relinquishes all claims and interests in the waters of the groundwaters appropriated without well, and the person who appropriates the waters, or the person who claims an interest in the waters, shall be deemed to have notice of this relinquishment of claims and interests.

Subscribed and sworn to before me, this _____ day of _____, 1963

Notary Public for the State of Montana
My commission expires _____ 1963

34385

82 901

25

Jan 64

4 P

Arne Haem

RECEIVED

County Sweetgrass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

JUL 11 1972

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.

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 Terril Tollefson

Address Rig Timber, MT

Date well started 6-14-72

completed 6-15-72

Type of well Drilled

Equipment used Rotary

Water Use: Domestic Municipal Stock Irrigation

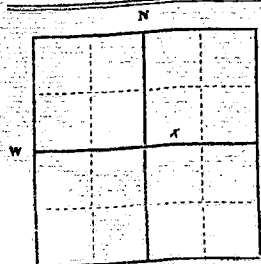
Industrial Drainage Other * Garden/Lawn

*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 17,500 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/4	6 5/8" 17 lb.	+2	8 1/2'			
5 5/8	4 1/2" 200 lb. plastic	8'	103'	1/16" holes	88'	102'



Static water level 55 ft.
Pumping water level 105 ft.
at 4 gallons per minute,
measured 45 minutes after pumping
began.

*Measured from ground level.
Well developed by air & sulfur
for 2 hours.

Power Pump HP

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

concrete steel casing with bentonite

1/4 Sec. 10

T4N N R. 17E E

S W

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

Driller's Signature Red J. Hargan

Driller's Address Fichtel, MT

LICENSE NO. 7

Show exact depth of bottom

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
0	6	top soil
6	9	hard gray sand stone
9	16	shale
16	20	gray sandstone
20	25	gray shale
25	37	hard gray sandstone
37	44	gray & green shale
44	53	gray sandstone
53	57	sandy shale
57	61	hard gray sandstone
61	64	gray shale
64	94	gray sandstone
94	100	shale
100	104	gray sandstone
104	105	shale
105	105	red shale

51,882

92004

STATE OF MONTANA }
COUNTY OF SWEET GRASS } ss.
Filed this 10th day
of July A. D. 19 22
at 8:30 o'clock P. M.
Margaret Plagemeyer
County Treasurer
By Luzil D. Jallag
Deputy

CV-3
FILE NO. 82902

T. 4N R. 17E
SHEET 33 COUNTY

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

D

JAN 29 1963

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION
WITHOUT WELL
(Under Chapter 237 Montana Session Laws, 1961)

Date of appropriation of Groundwater 12-30-63
Owner Leo Cremer Address Mellville, Mont

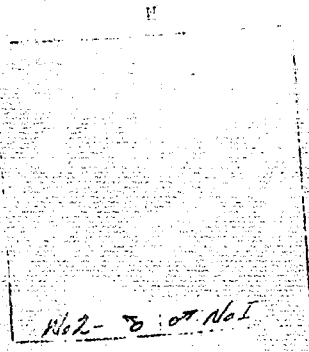
Contractor (if any) none

Address of Contractor none

Date Started undeveloped Date Completed ---

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

gravity flow springs
originating from under-
ground sources



Sec 17 T. 4N. 17E
Indicate point of appropriation
and place of use, if possible.

No. 1. SW 1/4 SE 1/4 Sec 17
No. 2. SE 1/4 SW 1/4 Sec 17

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

5 gals. per minute... used
year around for

Stock water

Signature of Owner

Leo Cremer
Date Dec 30 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE

Having first been duly sworn, depose and say that the contents of the foregoing notice of completion of groundwater appropriation without well and the person who executed the same, as the appropriator and claimant, do hereby certify that the contents of said foregoing notice and that the matters therein stated are true and correct to the best of my knowledge and belief.

Subscribed and sworn to before me, this _____ day of _____, 1963.
Notary Public for the State of Montana
Residing at _____
My Commission expires _____ 1963.

34336

82902

STATION

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ST.

By

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13 64

PM

Jan
4
Anne Hanson

Form 2

GV 3
FILE NO. 82899

T. 4 N. R. 17 E
SVELT GRASS COUNTY

STATE OF MONTANA
ADMINISTRATION OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 29 1963

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION
WITHOUT WELL
(Under Chapter 237, Montana Session Laws, 1961)

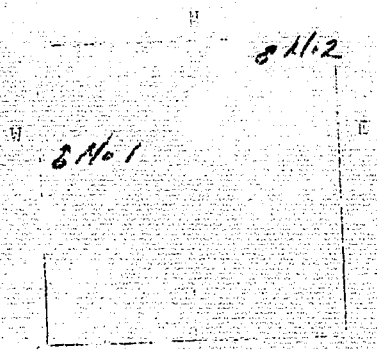
Date of appropriation of Groundwater 12-30-63
Owner Leo Cramer Address Melville, Mont

Contractor (if any) none

Address of Contractor none

Date Started undeveloped Date Completed -

Description of obtaining groundwater without well "as by sub-irrigation and other natural processes". Include depth to water when applicable
GRAVITY FLOW SPRINGS
originating From underground
SOURCES



Sec 18 T. 4 N. 17 E
Indicate point of appropriation
and place of use, if possible.

No 1 - SW 1/4 NW 1/4
No 2 - NW 1/4 NE 1/4

Quantity of water developed and used with exolan-
of method used to measure or estimate such amount.
If use is intermittent estimate appropriate
lengths of periods of use

Estimated Flow
5 gals per minute used
year around for stock
water. Oremy Ranch

Signature of Owner [Signature]
Date Dec 30 1963

STATE OF MONTANA
COUNTY OF SVELT

I, the undersigned, being first duly sworn, depose and
say that Leo Cramer of lawful age and [blank] the appropriator
and claimant of the water right mentioned in the foregoing
notice of completion of groundwater appropriation without well and the person
whose name is subscribed thereto, as the appropriation and claim-
ant, that he does know the contents of said foregoing
notice and that the matters and things therein stated are true

Subscribed and sworn to before me, this _____ day of _____, 1963

Notary Public for the State of Montana
Residing at _____

My Commission expires _____ 1963

82899

STAMPED

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of

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By

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Jan 64

4 D
Arue Ham

File No. 92585

T. 14 N. 17 E.

County Sweet Grass

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 22 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1938

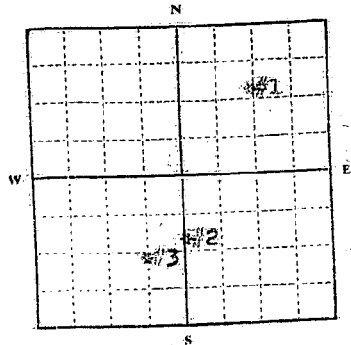
Owner Sayre S. Tellefsen Address St. Liban, Montana

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. All three springs are sub-irrigated and used only for livestock



1/4 Sec. 19 T. 14 N. 17 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 will run dry for a dry year. otherwise all three springs run the year around and they will flow on the average from two to five miners inches.

Signature of Owner Sayre S. Tellefsen

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.

82555

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

Filed this 20 day
of Jan A. D. 1969
at 855 o'clock P.M.
Arnie Haines
County Clerk.
By _____ Deputy.

North 17 East
County Sweet Grass

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 1928

Water Well Log

STATE ENGINEER

X

Owner	Sarah S. Tollefson	Address	41 Timber, Mont.
Driller	James W. Stephens	Address	Need Point, Montana
Date Started	July 1928	Date Completed	July 1928
Location	Sec. 19 T. 4 N. R. 17E 1/4 sec.		NW4

Type of well Drilled Equipment used Drill
(dug, driver, or drilled) (Churn, drill, rotary, other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

Casing: 1 ft. to 58 ft. Type Steel Size Six inch

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: Thirty feet.

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

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

How tested:

Length of test

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

(over)

43
FILE NO. 82847

21
E. 4 N R. 17 E
SHEET 35 CONT.

STATE OF IOWA
ADMINISTRATOR OF BUREAU OF GEOL.
OFFICE OF WATER SURVEYING

NOTICE OF COMPLETION OF WATER APPROPRIATION
WELL NO. 21
(Under Chapter 237, Section 237.1, Iowa Code, 1961)

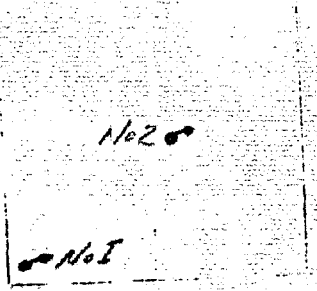
Date of appropriation of Groundwater **12-30-63**
Name **Leo Cramer** Address **Melville, Mont**

Owner (if any) **none**

Address of Contractor **none**

Depth of Well **undrilled** Date Completed **-**

Describe means of obtaining groundwater without
a well "basin", sub-irrigation and other natural
processes. Include wells to which water
is available **gravity flow
springs originating
from underground sources**



Quantity of water developed and used with explain-
of fact used to measure or estimate such amount.
If same is intermittent estimate appropriate
lengths of periods of use **estimated flow**

**5 gals per minute - used
year around for stock
water**

Signature of Owner **Leo Cramer**
Date **Dec 30 1963**

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

- No I - SW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec 21
- No 2 - NW $\frac{1}{4}$ SE $\frac{1}{4}$ Sec 21

STATE OF IOWA
ADMINISTRATOR OF BUREAU OF GEOL.
OFFICE OF WATER SURVEYING

and
of lawful use, and
of the water developed and obtained in the foregoing
wells of groundwater appropriated in a well and the person
subsequent to the date of appropriation, and claim-
ants of the water developed and obtained in the foregoing

Secretary Public for the State of Iowa

The Commission on Water

82897

STATE OF MONTANA
County of Yellowstone
By 25 Jan 1962
of 4
at Prudhoe
BY _____

GV 3
FILE NO. 82896

D. 4 N E. 17 E
SVELT GRASS COUNTY

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 20 1964

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION
WITHOUT WELL
(Under Chapter 237 Containing Sections 1-2, 1961)

Date of appropriation of Groundwater 12-30-63

Owner Leo Cramer Address: Madville, Mont

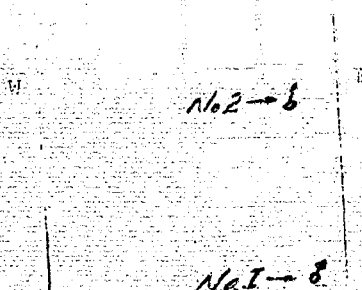
Contractor (if any) none

Address of Contractor none

Date Started Date Completed

Describe means of obtaining groundwater without a well "as in sub-irrigation and other natural processes" include depth to water when available

gravity flow
springs originating from
underground sources



Sec 28 TAN T1E
Indicate point of appropriation
and place of use, if possible.

No. 1 - SE 1/4 - SE 1/4 Sec 28

No. 2 - SE 1/4 - NE 1/4 Sec 28

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

estimated
Flow 5 gals per minute
used year around for
stock work on ranch

Signature of Owner
Date Dec 30 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE

I, the undersigned, being duly sworn, depose and say that the above is a true and correct copy of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person who subscribed thereto, as the administrator of said county, depose and say that the contents of said foregoing notice and that the matters and things therein stated are true.

Notary Public for the State of Montana
By Commission Expires

82896

25
Jan 11 1964
4 P
Arne Haugen
Delivery

CV 3
FORM NO. 82895

29
T. 4 N. R. 17 E.
SWEET GRASS COWLE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 29 1964

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION
WETTED WELL
(Under Chapter 237, Montana Session Laws, 1941)

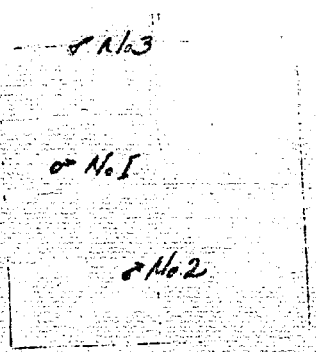
Date of appropriation of Groundwater 12-30-63
Owner Leo Cremer Address Helville, Mont

Contractor (if any) none

Address of Contractor none

Date Started undveloped Date Completed —

Description of obtaining groundwater without a well (such as irrigation and other natural processes). Include depth to water when possible gravity flow springs originating from underground sources



Quantity of water developed and used with explanation of how used to measure or estimate such amount. If use is intermittent estimate appropriate length of periods of use Estimated Flow 5 gals per minute - Used year ground for stock water

Signature of Owner Leo Cremer

Date Dec 30 1963

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

- No. 1 - SW 1/4 NW 1/4 Sec 29
- No. 2 - SE 1/4 SW 1/4 Sec 29
- No. 3 - NW 1/4 NW 1/4 Sec 29

STATE OF MONTANA
OFFICE OF THE STATE ENGINEER

I, the undersigned, being first duly sworn, depose and say that to the best of my knowledge and belief the foregoing notice of completion of groundwater appropriation without well and the contents of said certificate and the statements and things therein stated are true and correct.

Subscribed and sworn to before me, this _____ day of _____, 1964.

Notary Public for the State of Montana
Residing at _____

My Commission expires _____ 19____

D 2895

STATION
COSTA RICA
FEBRUARY 25 1964
OF JAN 4 P
AT ARNE HAEM
BY

File No. 87582

T. 4 N. R. 17 E

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 22 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1939

Owner Sarah S. Tollefson Address Big Timber, Montana

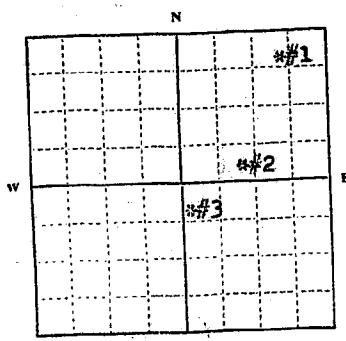
Contractor (if any)

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. All three springs are unimproved and used for livestock only.



NE SE 1/4 Sec 29 4 N 17 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 #1 will go dry in a dry year. Otherwise, they all flow the year around; averaging a flow of from two to four miner's inches.

Signature of Owner Sarah Tollefson

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.

82562
Sarah Tollison

STATE OF MONTANA }
County of Sweet Grass } ss.
Filed this 20 day
of Jan A 11 1964
at 7.55 o'clock P.M.
Arne Hansen
By _____
Name

File No. 82566

T. LAN RITE

DUPLICATE

County Sweet Grass

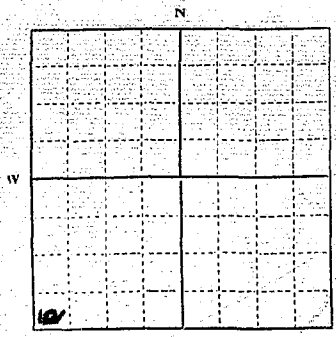
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 29 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Leo Cremer of Melville
(Name of Appropriator) (Address) (Town)
County of Sweet Grass State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 31 TAN. RITE

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. 1916

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1916

8. The depth of water table. 80 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 100 ft deep & casing drilled

10. The estimated amount of groundwater withdrawn each year. 250,000

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. none

Signature of Owner [Signature]

Date [Signature]

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.

82866

STATE OF MONTANA, }
County of Summit Cross. } ss.

Filed this 25 day

of Jan A D 1964

at 4 o'clock PM

Arne Henn

By _____ Deputy

File No. 82581

T. H. N. R. 17 E

County Sweet Grass

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 22 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1939

Owner Sarah S. Tollefson Address Big Timber, Montana

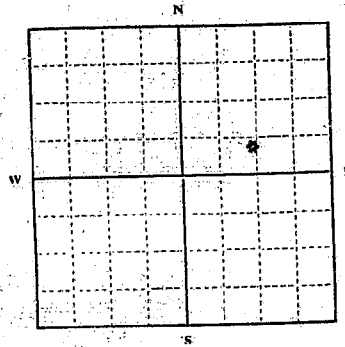
Contractor (if any) -

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. Unimproved spring used for

livestock



NE 1/4 Sec 32 T. H. N. R. 17 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. This spring

flows the year around and will average from
two to four miner's inches.

Signature of Owner Sarah Tollefson

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.

87581

STATE OF MONTANA }
County of Sweet Grass }

Filed this 20 day
of Jan A. D. 1964
at 755 o'clock P. M.
Arnie Hain
County Clerk.
By _____ Deputy.

No. 18

T. 4 N. R. 17 E. S. 31

County: Sweet Grass

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
MAY 13 1926

Water Well Log

STATE ENGINEER

Owner Sarah C. T. Ileson Address Big Timber, Mont.

Driller James W. Stephens Address Head Point, Mont.

Date Started 1926 Date Completed 1926

X Location: Sec. 32 T. 4N R. 17E S. 31

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

Casing: 1 ft. to 25 ft. Type steel Size six inch

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: 18 feet.

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

Pumping water level 18 feet at 40 gal. per min.

How tested:

Length of test

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

GV

File No. 81673

T. 3N R. 12E

DUPLICATE

County Sweet Grass

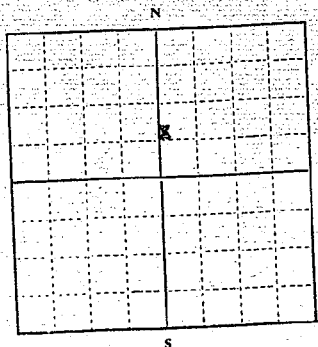
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 14 1963

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

Big Timber

1. U. S. Forest Service of Big Timber (Address) (Town)
(Name of Appropriator)
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 Sec. 4 T3N 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 domestic use.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 30, 1962 - continuous
- 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 Not applicable.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Hand pump in Half Moon Campground.

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

8. The depth of water table 35 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 Depth 50 feet - 6 inch casing.

10. The estimated amount of groundwater withdrawn each year 25,000 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 applicable.

U. S. Forest Service

Signature of Owner By: District Ranger
Date 10/4/63

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.

6344

81673

STATE OF MONTANA }
County of Sweet Grass } ss.

Filed this 4 day
of Oct A. D. 1963
at 4:02 o'clock P.M.
Gene Haem
County Clerk.
Deputy

File No. 81674

T. 3N R. 12E

DUPLICATE

County Sweet Grass

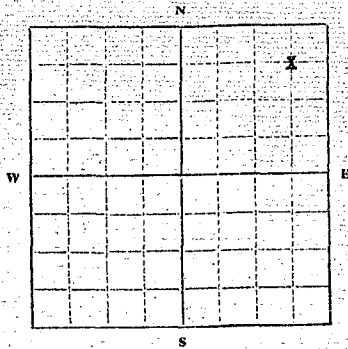
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 14 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, 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:



NE 1/4 Sec. 12, T3N, R12E

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

- The beneficial use on which the claim is based domestic
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1957 - continuous
- The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal. per minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof N.A. (Not Applicable)
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Hand pump - at Big Timber Canyon Ranger Station.
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Sept. 1957 - Sept. 1957.
- The depth of water table 10 feet.
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Hand dug well with 1 1/2" suction pipe.
- The estimated amount of groundwater withdrawn each year 10,000 gallons.
- The log of formations encountered in the drilling of each well if available Not available.
- 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 N.A. (Not Applicable)

U. S. Forest Service
Signature of Owner By: [Signature]
District Ranger
Date Oct 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.

6345

81674

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

Filed this 4 day
of Oct A. D. 1963
at 4:03 o'clock P. M.
Arne Haem
County Clerk.
By _____ Deputy.

13
FILE NO. 82467

3 N 13 E
S V E L T G R A S S C O N T A
R
JAN 20 1964

STATE OF MONTANA
ADMINISTRATOR OF GRADUATED CODE
OFFICE OF STATE ENGINEER

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION
WITHOUT WELL
(Under Chapter 237, Montana Statutes, Laws, 1961)

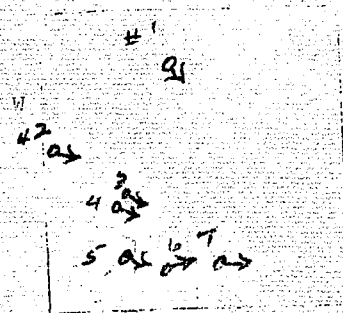
Date of appropriation of Groundwater *1886*
Cross *Samuel J. Langfus* address *Big Trailer man*

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

Description of obtaining groundwater without a well "cut", sub-irrigation and other natural processes". Include depth to water table if applicable. *Grounding from surface # 2-3 & 4 Perched to House & Correl for livestock & Harman coal.*



Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate average rate and length of periods of use. *Year Round*

- Indicate point of appropriation
- #1 SWNW 1/4 Sec 4
 - #2 NWNW 1/4 Sec 4
 - #3+4 - NWSW 1/4 Sec 4
 - #5 SWSE 1/4 Sec 4
 - #6 SESE 1/4 Sec 4
 - #7 SWSW 1/4 Sec 4

1 - 7 estimated 10 minutes
inches *2724*

Signature of Owner *Samuel J. Langfus*

Date *12-31-63*

STATE OF MONTANA
OFFICE OF STATE ENGINEER

having first been duly sworn, depose and say that he of lawful age and the appropriator and claimant of the water and water right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person whose name is subscribed hereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true

Samuel J. Langfus

subscribed and sworn to before me, this *31* day of *December*, 19*63*

Notary Public for the State of Montana
Residing at *Big Trailer man*

My Commission expires *Jan 7 67*

82467

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

Filed this 18 day

of Jan A. D. 1964

at 330 o'clock P.M.

By Wm. Hoar

County Clerk.

By _____ Deputy.

GW 3
FILE NO. 82465

T. 3N R. 13E
SVELT GRASS CREEK

STATE OF MONTANA
ADMINISTRATIVE CENTER BUILDING CODE
OFFICE OF STATE ENGINEER

JAN 20 1964

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION ENGINEER
WELLS

(Under Chapter 237, Montana Session Laws, 1961)

Date of appropriation of Groundwater 12/31/63
1886
Owner Samuel J. Longhus address Big Timber Mont
Contractor (if any) _____
Address of Contractor _____
Date Started _____ Date Completed _____

#1
#2
#3
#4
#5

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

Sec 5 T. 3N 13E
Indicate point of appropriation
and place of use, if possible.

#1 SE SW NW 1/4 Sec 5
#2 NW SE NW 1/4 Sec 5

Quantity of water developed and used with expan-
sion of method used to measure or estimate such amount.
If use is intermittent estimate approximate
lengths of periods of use Year Round use
#1 Estimated 10 Minutes Inch
#2 " " " " " "

Signature of Owner Samuel J. Longhus
Date 12-31-63

STATE OF MONTANA
COUNTY OF DEER CREEK

Having first been duly sworn, depose and
say that I, the undersigned, being of lawful age and
of legal mind, and being duly sworn, depose and
say that I am the owner of the water right mentioned in the foregoing
notice of completion of appropriation without well and the person
who has been authorized to execute the same, as the appropriator and claim-
ant, and that the contents of said foregoing notice of completion of appropriation
and the contents of said foregoing notice of completion of appropriation are true

Samuel J. Longhus

Subscribed and sworn to before me, this 31 day of December 1963

Arne Haem
Notary Public for the State of Montana
Residing at Big Timber Mont
My Commission expires Jan 7 1967

82465

STATE OF MICHIGAN }
County of Sweet Grass } Sa.

Filed this 18 day

of Jan A D 19 64

at 330 of P M

Arne Hansen
Clerk

By _____
Deputy

FILE NO. 87464

3N 13E
SHEET 38/35-CVVI

10

STATE OF MONTANA
ADMINISTRATED BY THE PUBLIC CODE
OFFICE OF STATE ENGINEER

JAN 20 1964

NOTICE OF COMPLETION OF GRANT WATER APPLICATION
WATER WELLS
(Under Chapter 237, Revised Statutes of 1941)

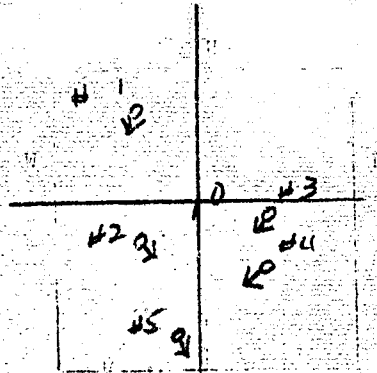
1617552

Defined Appropriation of Groundwater
by Samuel J. Langhus address Big Timber
Mont

12/31/63
1886

Contractor (if any):
Address of Contractor:
Date Completed:

Describe method of obtaining groundwater without
"well" means "irrigation and other natural
processes". Flows to surface
by gravity.



- Indicate point of description and place of use, if possible.
- #1 SW NE NW 1/4 Sec 10
 - #2 SW NE SW 1/4 " 10
 - #3 NE NW SE 1/4 " 10
 - #4 SE NW SE 1/4 " 10
 - #5 SW SW SE 1/4 " 10

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If not so determined, estimate in gallons per day for the period of use.

10 inch ditch
12 inch ditch
12 inch ditch
12 inch ditch
12 inch ditch

Signature of Owner Samuel J. Langhus
Date 12-31-63

Samuel J. Langhus
31 of December 1963
Alice Harner
Notary Public for the State of Montana
Big Timber Mont
My Commission expires Jan 7 1967

82464

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

Filed this 18 day

of Jan A. D. 1964

at 330 P. M.

Arnie Haem
County Clerk

By Deputy.

FILE NO. 82466

C. 3N R. 13E
SHEET 0733 CONT.

STATE OF LOUISIANA
ADMINISTRATOR OF THE ENGINEER CODE
OFFICE OF COUNTY ENGINEER

JAN 20 1964

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION STATE ENGINEER
TITANIUM WELD
(Under Chapter 237 Artisanal Seclusion Laws, 1961)

Date of appropriation of Groundwater: 1960 12/31/63

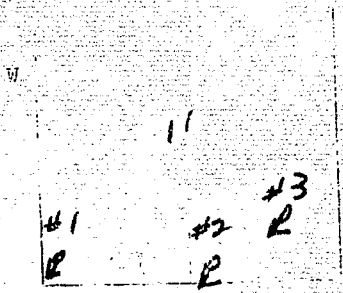
Owner: Samuel J. Langhus Address: Big Timber, Mont

Contractor (if any):

Address of Contractor:

Date Started: Date Completed:

Describe means of obtaining groundwater without a well, well, sub-irrigation and other natural processes. Include depth to water when applicable. 1-Flows to Surface by Gravity.



Quantity of water developed and used with explanation used to measure or estimate such amount. If use is intermittent, estimate appropriate lengths of periods of use. Year Round Use

- Indicate point of appropriation and place of use, if possible.
- #1 SW SW SW 1/4 Sec 11
 - #2 SW SW SE 1/4 Sec 11
 - #3 SW NE SE 1/4 Sec 11

- #1 5 inches
- #2 10 "
- #3 5 "

Signature of Owner: Samuel J. Langhus

Date: 12-31-63

STATE OF LOUISIANA
COUNTY OF []

I, [] being first duly sworn, depose and say that [] of lawful age and [] the appropriator and claimant of the proceeds of water mentioned in the foregoing notice of completion of groundwater appropriation, that well and the person whose name is subscribed to this notice of appropriation and claimant, that [] know the contents of this document and the contents of this notice, and that the contents of this notice are true.

Samuel J. Langhus

31 day of December 1963

Aimee Ham

Notary Public for the State of Louisiana

Residing at Big Timber, Mont

My Commission expires Jan 7, 1967

82466

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

Filed this 18 day
of Jan A. D. 1964
at 330 O'Clock P.M.
Arin Haem
By _____ Clerk
Deputy.

FILE NO. 87-225

T. S. SWEET, CLERK COUNTY

STATE OF MONTANA
ADMINISTRATIVE CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 31 1963

OFFICE OF COMPLETION OF GROUNDWATER APPROPRIATION
WELLS
(Under Chapter 237, Montana Session Laws, 1962)

STATE ENGINEER

Date of appropriation of Groundwater 12-31-62

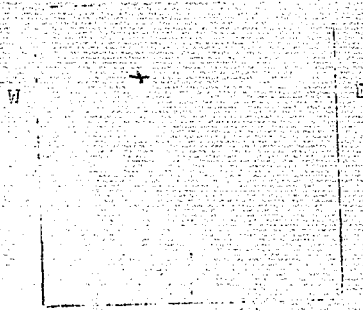
Owner John P. Pegg Address Big Timber, Mont

Contractor (if any)

Address of Contractor

Date Started Date Completed

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



Indicate point of appropriation and place of use, if possible.
Sec 13 T. 3N. 13E

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

Signature of Owner

Date 12-31-62

STATE ENGINEER
COUNTY ENGINEER

John P. Pegg having first been duly sworn, depose and say that he is of lawful age and the appropriator and claimant of the above water right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me, this 31 day of December, 1962

Arne Haugen
Notary Public for the State of Montana
Residing at Big Timber, Mont
My Commission expires Jan 7 1967

34778

82925

STATE OF MONTANA }
County of Sweet Grass } ss.

Filed this 29 day
of Jan A D 19 64
at 100 of block P M
Gene Hoover
County Clerk.
By _____

CV 3
FILE NO. 82463

T. 3 N R. 13 E
S.W. 1/4

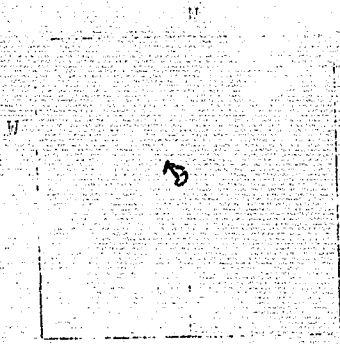
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF SURFACE WATER

JAN 20 1964

NOTICE OF COMPLETION BY GROUNDWATER APPROPRIATION STATE ENGINEER
WITHOUT WELL
(Under Chapter 237, Montana Session Laws, 1961)

Date of appropriation of Groundwater 12/20/63
Owner Samuel J. Langhans address Big Timber 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. Flows to surface by gravity has catchment basin

SE 1/4 Sec 14, T. 3 N, 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 year Roundest
Est flow 10 million gals

Signature of Owner Samuel J. Langhans
Date 1-2-3-63

STATE OF MONTANA
COUNTY OF MONTANA

Having first been duly sworn, depose and say that _____ of lawful age and _____ the appropriator and claimant of the order groundwater right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person whose name is subscribed hereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me, this 31 day of December, 1963
Samuel J. Langhans
Notary Public for the State of Montana
Residing at Big Timber, Mont
My Commission expires Jan 7 1967

82463

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

Filed this 18 day

of Jan A. D. 1964

at 330 o'clock P. M.

Gene Ham
Clerk.

By _____
Deputy

FW 3
FILE NO. 82468

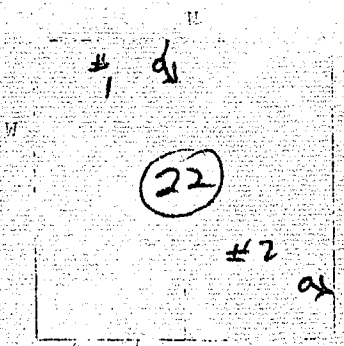
T. 3N R. 13E
SWEET GRASS CUMUL

STATE OF MONTANA
ADMINISTRATOR OF ANTI-DRAINAGE CODE
OFFICE OF STATE ENGINEER

JAN 20 1964

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION
WITHOUT WELL
(Under Chapter 237 Montana Session Laws, 1961)

Date of appropriation of Groundwater 19 10/23/63
Owner Samuel J. Longhus address Big Timber Mont
Contractor (if any) _____
Address of Contractor _____
Date Started _____ Date Completed _____



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

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

#1 NENE NW 1/4 Sec 22
#2 SE NE SE Sec 22

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. Van Pound
Exit #1 10 minutes each
2 10 " each

Signature of Owner Samuel J. Longhus
Date 12-31-63

STATE OF MONTANA
COUNTY OF _____

Having first been duly sworn, depose and say that I, _____ of lawful age and _____ the appropriator and claimant of the groundwater right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person _____ whose name is subscribed hereto, as the appropriator and claimant, do hereby depose and say that I know the contents of said foregoing notice and that the matters and things therein stated are true.

Samuel J. Longhus
Gene Haern

Subscribed and sworn to before me, this 31 day of December, 1963
Notary Public for the State of Montana
Residing at Big Timber Mont
My Commission expires Jan 7 1967

82468

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

Filed this 18 day
of Jan A. D. 19 64
at 3 30 o'clock P.M.
Wm. Haem
County Clerk
By _____
Deputy.

Form No. 18
8-60

T. 3 North R. 13 East

County Sweet Grass

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

Sec. 25

Water Well Log STATE ENGINEER

x			

Owner John Plaggemeyer Address Big Timber, Montana.

Driller _____ Address _____

Date Started 1959 Date Completed 1959

Location: Sec. 25 T. 3 N R. 13 E $\frac{1}{4}$ sec. SW $\frac{1}{4}$ NW $\frac{1}{4}$

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 1 ft. to 100 ft. Type Steel 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 136 feet at 50 gal. per min.

How tested: _____

Length of test _____

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

(over)

FILE NO. 87926

3 N B. 13 F

STATE OF MONTANA
ADMINISTRATIVE CODE
SECTION 13-02-01

RECEIVED
JAN 31 1964

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION
WITH TEST WELL
(Per Chapter 13, Montana Statutes, 1961)

STATE ENGINEER

Date of appropriation of Groundwater

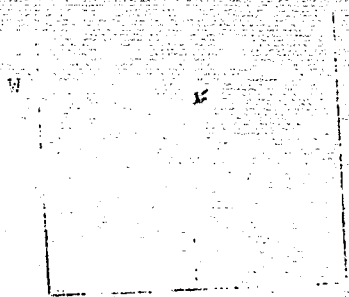
Owner *John Plaggenburg* Address *1231 1/2*

Contractor (if any)

Address of Contractor

Date Started Date Completed

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



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

Sec 36 T.
Indicate point of appropriation and place of use, if possible.

2.5 gpm

Signature of Owner

Date *12-31-63*

John Plaggenburg

I, *John Plaggenburg*, do hereby certify that I am the owner of the above described property and that the above described groundwater has been appropriated in accordance with the provisions of the Montana Statutes, Chapter 13, and that the same is being used for the purpose of *sub-irrigation* and that the person named above is the contractor who has completed the work described herein and claims to have completed the same in accordance with the provisions of the Montana Statutes, Chapter 13.

John Plaggenburg
31 day of December 1963

Arnie Hansen
Notary Public for the State of Montana

Ray T. Underwood

Notary Public for the State of Montana
Jan 7 1964

D2926

STATE OF MONTANA }
County of Sweet Grass } ss.

Filed this 29 day

of Jan 1964

at 100 P.M.

Arno Ham

By _____ Clerk

Deputy

GROUNDWATER INDEX

County Sweet Grass Twp. 3 N Rge. 121 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
5	Walter L. Plaggemeyer	GW3	82670	
7/18	Margaret Plaggemeyer	GW3	82490	
9	Walter L. Plaggemeyer	GW4	82609	
9	Walter L. Plaggemeyer	GW3	82667	
10	Walter L. Plaggemeyer	GW3	82668	
11	Theil P. Bolt	GW3	82183	
12	Hordon Orr	GW3	82250	
13	Lawrence F. Larson	GW4	82034	
14	Theil P. Bolt	GW4	82184	
14	Lawrence F. Larson	GW3	83024	
14	Lawrence F. Larson	GW3	82635	
15	James E. Bickford	GW3	82527	
15	Walter L. Plaggemeyer	GW3	82666	
16	State of mt. by Walter L. Plaggemeyer	GW3	82665	
19	Benton A. & Margie L. Robinson	GW3	82599	
20	Margaret Plaggemeyer	GW3	82491	
21	Fred Plaggemeyer	GW2	91329	
31	James M. Howe	GW4	82320	
22	James E. Bickford	GW3	82528	
24	James M. Howe	GW4	82509	
24	James M. Howe	GW3	82510	
25	James M. Howe	GW3	84838	
28	James M. Howe	GW4	82321	
28	Walter Papay	GW4	82673	
28	Don Stuart Pettie	1962	79661	
28	Don Stuart Pettie	1962	79660	
28	Walter Papay	1961	79176	
29	Abe Plaggemeyer	GW3	82248	
30	Budette Buehli	GW3	82516	
31	Paul Davis	1961	78587	
32	Paul Davis	1961	78583	
33	Walter Papay	1961	79175	
34	James A. & Dixie K. Stephens	1961	79489	
34	Loise Bach	GW2	92616	
29	Plaggemeyer, Abe	GW4	02242	

File No. 82670

T. 2N R. 14E

DUPLICATE

County West. Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 27 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12/30/63

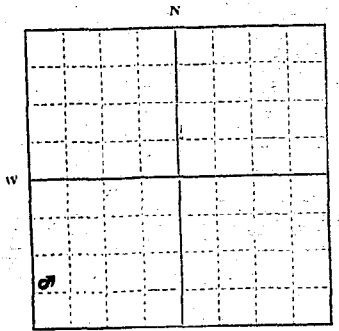
Owner Walter P. Ploggenberg Address Big Timber, Mont

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 is sur face flow from natural underground water sources.



SW 1/4 SW Sec. 5 T. 2N. R. 14E

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

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

estimate approximate lengths of periods of use. Spring flows 3 gpm and is used 7 months to water 75 head of cows.

Signature of Owner Walter P. Ploggenberg

Date 12/30/63

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

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

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

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

82670

STATE OF MONTANA, }
County of Sweet Grass, } ss.
Filed this 23 day
of Jan A. 11. 19 64
at 1145 Street D.M.
Arnie Haem
County Clerk.
By _____
Deputy.

GT 3
FILE NO. 82490

T. 3N R. 14E
SWEET GRASS COUNTY

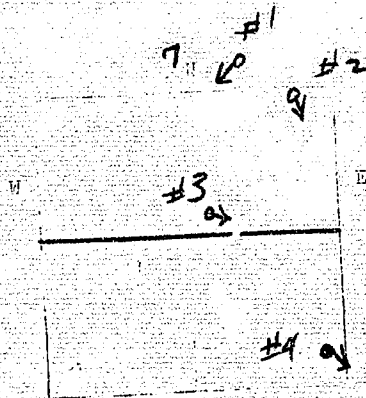
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 21 1964

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION
WITHOUT WELL
(Under Chapter 237 Montana Session Laws, 1961)

STATE ENGINEER

Date of ~~appropriation~~ of Groundwater ¹⁸⁹⁰
Owner Margaret Plaggemeier Address Big Timber, Mo
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

18
Indicate point of appropriation and place of use, if possible. Sec 7 T. 3N R. 14E

- #1 SESW NE 1/4 Sec 7
- #2 NENESE 1/4 Sec 7
- #3 SWSWSE 1/4 Sec 7
- #4 NWSWSE 1/4 Sec 18

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

- Est. #1 5 mines inches
- #2 5 mines "
- #3 10 "
- #4 10 mines inches

Signature of Owner Margaret Plaggemeier
Date 12-31-63

STATE OF MONTANA
COUNTY OF SWEET GRASS

_____, having first been duly sworn, depose and say that he of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person whose name subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true

Margaret Plaggemeier
Subscribed and sworn to before me, this 31 day of Dec, 1964
Orin Hansen
Notary Public for the State of Montana
Residing at Big Timber, Mont
My Commission expires Jan 7 1967

82490

STATE OF MONTANA }
County of _____ } ss.

Filed this 19 day
of Jan 1964
at 1130 P.M.
Archie H. Brown
By _____
Deputy.

File No. 92669

T. 31 R. 14 E

DUPLICATE

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

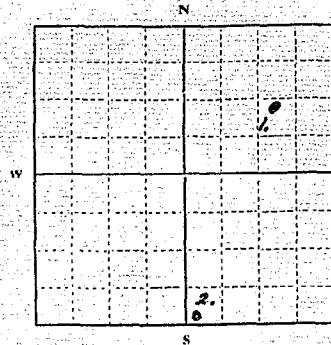
JAN 27 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

I, Walter P. Prosser, of Big Timber Mont
(Name of Appropriator) (Address) (Town)

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



1. SE 1/4 NE Sec. 9 T. 31 R. 14 E

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

2. SW 1/4 SE Sec. 9

2. The beneficial use on which the claim is based. No. 1 is used for household and stock water. No. 2 is stock water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. No. 1, 1948 and has been used continuously by No. 2, 1962 continuously used.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). No. 1 is 25 g.p.m. No. 2, not known.

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. for rice lawn and garden from well no. 1.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric pump on well No. 1. hand pump on well No. 2.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. No. 1 - Dec. 1948 for No. 1. No. 2 - Dec. 1962

8. The depth of water table. No. 1 8 ft.; No. 2 30 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. No. 1 well drilled 60 ft., cased to 40 ft. with 6" casing. No. 2 is drilled to 200 ft. and cased 50 ft. with 5" casing.

10. The estimated amount of groundwater withdrawn each year. No. 1, 250,000 gal. No. 2 not known

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.

Signature of Owner Walter P. Prosser

Date 12/30/63

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.

34071

82669

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

Filed this 23 day
of Jan A. D. 1964
at 1145 O. R. D. M.
Arne Haem
County Clerk.
By _____
Deputy.

GW3

File No. 82667

T. 3N R. 14E

DUPLICATE

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 27 1964

STATE ENGINEER
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner Walt L. Plaggenmeyer Address Big Timber 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 No. 1 is developed

with a concrete collection box 3'x4'x7' and

water flows out pipe for stock. No. 2 is

developed with a metal drum 26" in diameter

set 3 ft in the ground and water flows out pipe

for stock.
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 No. 1

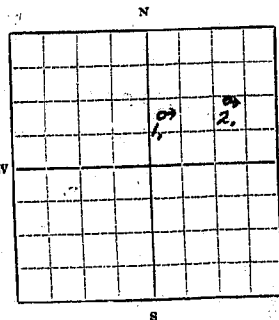
is used year around and flows 10 g.p.m.

No. 2 flows 5 g.p.m. and is used winter

and spring.

Signature of Owner Walt L. Plaggenmeyer

Date 12/30/63



1. SW 1/4 NE Sec. 9, T3N, R14E

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

2. SE 1/4, NE Sec. 9

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.

82667

STATE OF MONTANA)
County of Sweet Grass) ss.
Filed this 23 day
of Jan A. D. 1962
at 1145 o'clock M.
Arvid Ham
Clerk
By _____
Deputy