

T. 1 North R. 14 East

County Sweet Grass

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

STATE ENGINEER

		*	

Owner Adley, S. & Alice Tyler Address Big Timber, Mont.
Tyler

Driller Same Address _____

Date Started Dec. 18, 1961 Date Completed Dec. 18, 1961

Location: Sec. 34 T. 1 N. R. 14 E. $\frac{1}{4}$ sec. SE 1/4

Type of well Spring Equipment used None
(Dig, driven, bored, 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: _____ (date)

Pumping water level _____ feet at _____ gal. per min. Four to Six

How tested: _____

Length of test _____

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

(over)

Description of Material Drilled

[illegible]

Filed this 20 day of June 1944

✓	Dec	A. D.	196
✓	3:39	o'clock	P.M.

DICK ARMSTRONG
County Clerk
By Catherine Thompson
Deputy

Form No. 18
8-60

T. 1 North R. 14 East
County Sweet Grass

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

14		

Owner Dudley S. Tyler & Alice Tyler Address Big Timber, Montana

Driller Same Address _____

Date Started November 1956 Date Completed Nov. 1956

Location: Sec. 34 T. 1 N R. 14 E $\frac{1}{4}$ sec. NE $\frac{1}{4}$ NW $\frac{1}{4}$

Type of well Improved Spring Equipment used none
(Dug, driven, cored, 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: _____ (line)

Pumping water level _____ feet at _____ gal. per min. 2 - 4

How tested: _____

Length of test _____

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

Natural spring that is piped to a stock pond.

(over)

Depth, feet From	To	Description of Material Drilled
		<p>STATE OF MONTANA } County of Sweet Grass } Filed this <u>20</u> day <u>Dec</u> A. D. 19<u>61</u> <u>3:49</u> o'clock <u>P.M.</u> <u>DICK ARMSTRONG</u> County Clerk. By <u>Arthur Thompson</u> Deputy.</p>

County of Sweet Grass

Place this

20

459

A.D. 1961

Black P.V.

603	
-----	--

My Clerk

[Signature]
F-101-12

Deputy.

File No. 90898Doc. No. 90898T. 1N R. 14E

DUPLICATE

Filed for record

this 7 day of SeptemberA. D. 19 71 at 46-40o'clock 12 M.County SIMONESS

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

Top of Ground

(Elev. above sea level) SEP 8 19BOULDERS18
SANDSTONE
21 WATERRED SHALE45
BLACK SHALE
10 WATER60**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

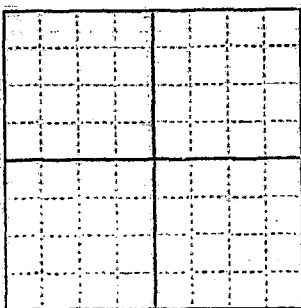
Owner DAVID J. HART Address Box 351 MONTDriller DISSEN DALL Address Box 111111 MONT

Date of Notice of Appropriation of Groundwater

Date well started 7-27-71 Date Completed 7-27-71Type of well DRILLED Equipment Used ROTARY
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

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 water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	20"	0	18			
6 1/4"	5" PLATE	0	60	4 1/2"	18	24
					40	60



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

Show exact depth of bottom.

Static Water Level for non-flowing Well 8 feetShut-in Pressure for Flowing Well NAPumping Water Level 60 feet at 3 gal. per minuteDischarge in gal. per min. of flowing well NAHow Tested BALE Length of Test 2 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) 2" PIPEDRILL TO 18 FT. CEMENTTOP 6 FT.197
Driller's License Number

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

90898
49026

FILED: SEP 7 1971
 11:40 O'Clock A.M.
 File No: 90898
 MARGARET PLASEMEYER Clerk & Recorder
 By Deputy *David H. ...*

Static Water Level for non-flowing Well <u>8</u> feet	
Shut-in Pressure for Flowing Well <u>NA</u>	
Pumping Water Level <u>60</u> feet at <u>3</u> gal. per minute	
Discharge in gal. per min. of flowing well <u>NA</u>	
How Tested <u>BALE</u> Length of Test <u>3475</u>	

File No. 201-40
DUPLICATE

this 7 day of September
A. D. 1971 at Billings

County S.W.P. 6 N.E. 2 E

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

Top of Ground

(Elev. above sea level)

SEP. 8 1971

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

BOULDERS
18 SANDSTONE
21 WATER
RED SHALE
45
BLACK SHALE
BENT
60

Owner DAVID TARR-TH Address Box 351 MONT

Driller D. S. S. R. DRL? Address BILLINGS MONT

Date of Notice of Appropriation of Groundwater

Date well started 7-27-71 Date Completed 7-27-71

Type of well DRILLED Equipment Used ROTARY
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

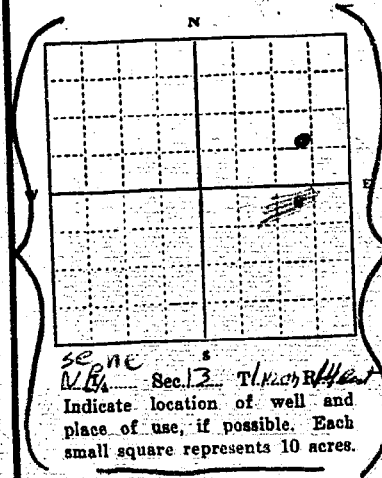
Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

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 water rises in the well.

MONTANA WATER RESOURCES BOARD
RECEIVED

OCT. 5 1971

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
9"	20" 7"	0	18	1/2" S&W	18	24
6 1/4"	5" PLASTIC	0	60		40	60



Static Water Level for non-flowing Well 8 feet.

Shut-in Pressure for Flowing Well N.A.

Pumping Water Level 60 feet at 3 gal. per minute.

Discharge in gal. per min. of flowing well N.A.

How Tested 3 H. L. Length of Test 24 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) 2" PIPE

DRILL TO 18 FT. CEMENT TO 6 FT.

197
Driller's License Number

J. S. R. ...
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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

N 3

Approved Stock Form—State Publishing Co., Helena, Montana—39318

File No. 81970

DUPLICATE

T. 1 North 14 EastCounty 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)

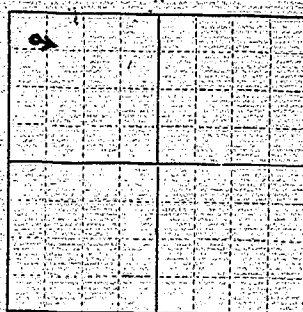
Date of Appropriation of Groundwater Dec 6 - 1963Owner Hilda Titler Morris Address Big TimberContractor (if any) none

Address of Contractor

Date Started

Date Completed

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



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

estimate approximate lengths of periods of use. year Round
Estimated 5 million inches

1/4 Sec 12 T. 14N R. 14E
Indicate point of appropriation and place of use, if possible.

NW 1/4 Sec 12 TSignature of Owner Hilda Titler MorrisDate Dec 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.

79 87

81970

STATE OF MONTANA

County of Sweet Grass

Filed this 6 day

of December A. D. 1963

at 11:30 o'clock A. M.

By Anne H. Hume

County Clerk

By Deputy

GW 3

File No. 82099

DUPLICATE

T. 1 N R. 14 E

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1963

Notice of Completion of Groundwater Appropriation Without Well STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater _____

Owner Charles W. Leister, Jr. Address Big Timber, Mont.

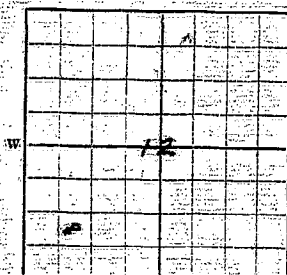
Contractor (if any) NONE

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



NE 1/4 SW 1/4 Sec 12 T14N R14E

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

8 gals. per minute - estimated pipe flow
used year around

Signature of Owner Charles W. Leister, Jr.

Date December 19, 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.

10534

12

VED

VEER

Cent.

oy
to

Flaw

534

82079

STATE OF MONTANA }
County of Sweet Grass } ss
Filed this 17 day
of Dec A.D. 1963
at 2:40 o'clock P.M.
Archie H. Hines
County Clerk
By _____ Deputy

G

Approved Stock Form—State Publishing Co., Helena, Montana—41338

File No. 82100T. 1 N R 14 E

DUPLICATE

County Sweet Grass

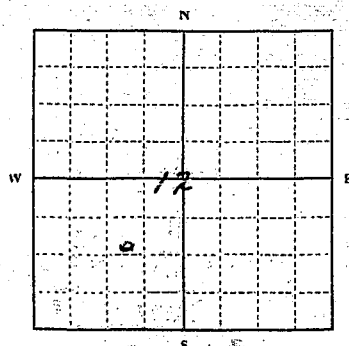
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Glenn M. & Louise M. Bridge 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 13 T14N R14E

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

2. The beneficial use on which the claim is based.
Household & stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
1948 - spring continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute).
10 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.
Started & completed in the spring 1948
8. The depth of water table.
20 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
50' deep with 6" casing
10. The estimated amount of groundwater withdrawn each year.
540,000
11. The log of formations encountered in the drilling of each well if available.
gravel - shale - Sandstone
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.
None known

Signature of Owner

Date Dec 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.

10535

82100

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

Filed this 17 day

of Dec A. D. 1963

at 7:45 P. M.

Arne Hansen
Clerk

By Deputy

File No. 82072T. 1 N R 14 E

DUPLICATE

County Sweet Grass

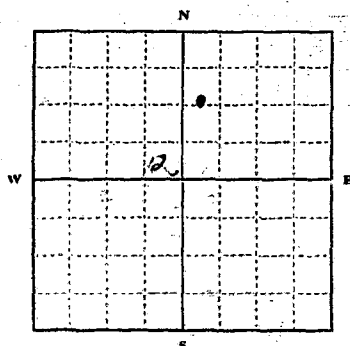
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 27 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Cecil J. Carl, of Big Timber 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:



NW 1/4 Sec. 12, T. 1 N., R. 14 E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct. 25, 1963

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 g.p.m.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Oct. 25 - 30, 1963

8. The depth of water table 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 drilled to 30 ft used completely with 6" casing.

10. The estimated amount of groundwater withdrawn each year not established.

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

Cecil J. CarlDate Dec 27, 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.

34073(2)

82672

STATE OF MONTANA } ss.
County of Sweet Grass }
Filed this 23 day
of Jan A.D. 1964
at 135 o'clock P.M.
Arne Shinn
County Clerk
By _____
Deputy

File No. 81969

DUPLICATE

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

T. 1 N. 14 E. 14
County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 9 1963

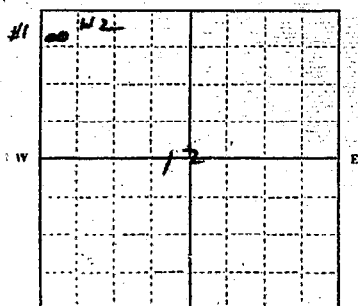
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Hilda Fetter Morris, of Big Timber 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 under house # 2 out of house



0 well.

1/4 Sec. 12 T. R.

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

Wash
NWNW 1/4 Sec 12 T

2. The beneficial use on which the claim is based Human
live stock + irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been #1 - 1908 #2 - 1910
& Continuous to Present
4. The amount of groundwater claimed (in miner's inches or gallons per minute) #1 est 10 miner's inches #2
est 10 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
two acrs. in NW 1/4 Sec 12 T. 1 N. Range 14 E
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater #1 well dug 1908 #2 well apex
1910
8. The depth of water table Depth of well 65' #2 #1 is 30 ft deep both have
water within 10 ft of ground surface
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater #1 well 20 ft deep 4 ft diameter
#2 well is 6.5 ft deep 6" in diameter
10. The estimated amount of groundwater withdrawn each year est 10 million gal/year
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Hilda Fetter Morris
Date Dec - 6 - 1963

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

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

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

1966

81969

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

Filed this 6 day
of December A. D. 19 63
at 11:25 o'clock A.M.
Anna Hansen
County Clerk
By _____
Deputy.

File No. 84870 **R** **E** **C** **E** **I** **V** **E** **D**
SEP 7 1965

T. 1-N R. 14-E
County Sweetgrass

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

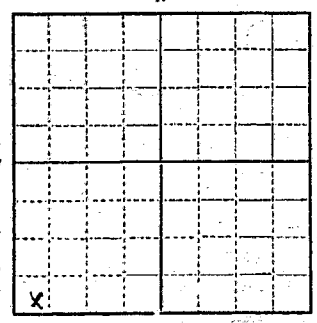
Owner Andy Richert Address Big Timber, Mont.
Driller James L. McGehee Address Big Timber, Mont.
Date of Notice of Appropriation of Groundwater 8-9-65
Date well started 8-31-65 Date Completed 9-1-65
Type of well Drilled Equipment Used Rotary
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)
Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

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 water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	4" I.D.	1' Above	94'			
	4 1/8" O.D.	Surface	Below	1/8" X 4"	66'	75'
	11" per FT.	Surface	Surface	SLITS	86'	94'

9' 17' 5 T.C. WATER LEVEL
56 P.M.
150 P.M.
94'

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



LOT 9
Sec. 12 T. 14 N. R. 14 E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 17 feet.
Shut-in Pressure for Flowing Well
Pumping Water Level 30 feet at 12 gal. per minute.
Discharge in gal. per min. of flowing well
How Tested Sub Pump 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).....

Pumped 30 G.P.M. WITH AIR @ 94' for 2 hrs.

32
Driller's License Number
James L. McGehee
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; Triuplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

84870
Andy Rickett

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

Filed this 2 day
of Sept A. D. 1965
at 2:50 o'clock P.M.
Archie Haem
County Clerk.

By _____ Deputy.

RECEIVED
CLERK'S OFFICE
MONTANA
SEP 13 1965

GW 3

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

File No. 82671T. 1N R. 14E

DUPLICATE

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 27 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

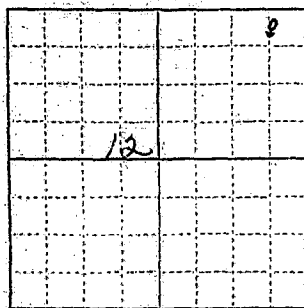
Date of Appropriation of Groundwater Dec. 27-1963Owner Cecil J. Carl Address Big Timber, Mont.

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed Sept. 1959

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring is developed with a 26" dia. metal collection box piped to stock tank.



NE. 1/4 NE. Sec. 12. T. 1N. 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 Springflows 5 g.p.m. and used in Spring.Spring waters 200 acres.Signature of Owner Cecil J. CarlDate 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.

34073

82671

STATE OF MONTANA }
County of Sweet Grass } ss.

Filed this 23 day

of Jan A. D. 1964

at 135 o'clock P. M.

Arne Haem
County Clerk

By _____ Deputy

55643

STATE OF MONTANA
COUNTY OF SWEET GRASS
Filed this 29th day
of June A. D. 1923
at 1:30 o'clock P.M.

August T. [illegible]
County Recorder
By August D. [illegible]
Deputy

30 R. 13

1 N 14 E

1/2 W. to 2nd

County Big Horn

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

JAN 3 1904

STATE ENGINEER

Lot 1, Old R. 13 Sec 13

Water Well Log

Owner Wilbur Williams Address Big Timber Mont.

Drillor _____ Address _____

Date Started _____ Date Completed _____

Location: Sec. 13 T. 1 N R. 14 E $\frac{1}{2}$ sec. Lot 1

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: _____ (date)

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)

(over)

Description of Material Drilled

Length	Foot
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100	100

From _____ To _____

To

STATE OF MONTANA.
County of Sweet Grass.
Filed this 29th Dec
1952
CLICK AND STRONG
Attorneys

DICK ARE STRONG
Arthur D.

33

1.N 14E
County Silver

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 3 1962

Lot 1
Bldg R.
Sec 13

Water Well Log

STATE ENGINEER

Owner Wilbur Williams Address Big Timber, Mont

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec. 13 T. 14N R. 14E sec. Lot 1

Type of well Dug Equipment used not known
(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: _____ (date)

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)

(over)

NO. 84880

1 N R 14 E

STATE WATER CONSERVATION BOARD

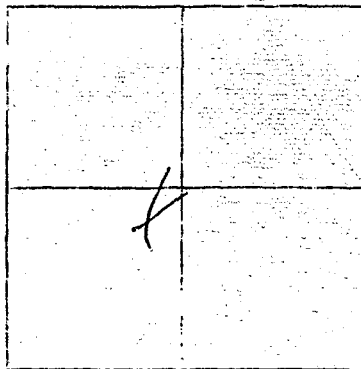
RECEIVED
SEP 13 1965STATE OF MONTANA
ADMINISTRATOR OF WATER CODE
OFFICE OF STATE ENGINEER

SWEET GRASS COUNTY

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

REFERRED TO _____

1. Ray Lee Traver of Big Timber 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:



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

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

4. The amount of groundwater claimed (in miner
inches or gallon per minute)

200 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

Sec 13 T 1N R 14E

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

7. The date of commencement and the completion of the construction of the well,
wells, or other works for withdrawal of groundwater 1966

8. Depth of water table

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

10. The estimated amount of groundwater withdrawn each year

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

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

SIGNATURE OF OWNER &
DATE

Ray L. Traver
9/10/65

STATE OF MONTANA)
COUNTY OF SWEET GRASS) ss.

Ray Lee Traver HAVING FIRST BEEN DULY SWORN, DEPOSES AND
SAYS THAT HE (IS, ARE) OF LAWFUL AGE AND (IS, ARE) THE APPROPRIATOR AND
CLAIMANT OF THE ORDER AND WATER RIGHT MENTIONED IN THE FOREGOING DECLARATION
OF VILLED GROUNDWATER RIGHTS AND THE PERSON WHOSE NAME IS SUBSCRIBED
THEREON AS THE APPROPRIATOR AND CLAIMANT, THAT HE KNOWS THE
CONTENTS OF SAID FOREGOING NOTICE AND THAT THE MATTERS AND THINGS THEREIN STATED
ARE TRUE.

Ray L. Traver
Ray L. Traver

SUBSCRIBED and SWORN to before me, this 10 day of Sept, 1965.

Gene Haim
Notary Public for the state of Mont
residing at Big Timber Mont
Commission expires Jan 2 1967

FILED FOR RECORD on the 10 day of Sept 1965 at 11 55 AM
o'clock A.M., and recorded in book _____ pages _____

records of Sweet Grass County, Montana.

34579

RECEIVED
SEP 11 1965
COUNTY CLERK

P. L. Traver

84880
STATE OF MONTANA, } ss.
County of Sweet Grass.

Filed this 10 day
of Sept A. D. 19 65
at 11 55 o'clock AM.
By James H. Jones County Clerk.
Deputy.

File No. 81468

DUPLICATE

T. 1/4 Sec 14 East
County Great FallsSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER JUL 8 - 1963

RECEIVED

Notice of Completion of ~~State~~ ^{Water} Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

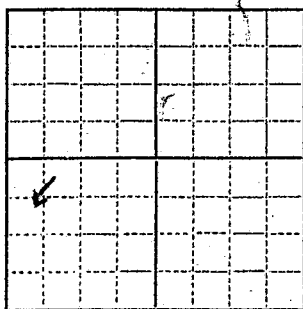
Owner Gustav F Cook Address Big Timber, Mont
Driller Albert Heck Address Harlemont, Montana

Date of Notice of Appropriation of Groundwater.....

Date well started May 24 Date Completed May 31Type of well Drilled Equipment Used Cable Tool
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

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 water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 1/2"</u>	<u>6 1/2" 15 lb</u>	<u>1</u>	<u>32 1/2</u>	<u>5/8" x 1/4"</u>	<u>25</u>	<u>32 1/2</u>



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

Show exact depth of bottom.

Static Water Level for non-flowing Well..... 15 feet.

Shut-in Pressure for Flowing Well.....

Pumping Water Level..... 25 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well.....

How Tested Balance Length of Test 3 Hours

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

Driller's License Number 114Driller's Signature Albert Heck

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

4939

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

Filed this 5 day

of July A. D. 1963

at 9:30 o'clock A M.

By Arne Haen
County Clerk.

Deputy.

RECEIVED
JUL 11 1963
CLERK OF DISTRICT COURT
SWEET GRASS COUNTY
MONTANA

RECEIVED
JUL 11 1963
CLERK OF DISTRICT COURT
SWEET GRASS COUNTY
MONTANA

G

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

File No. 822-26T. 1N R. 14 East

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

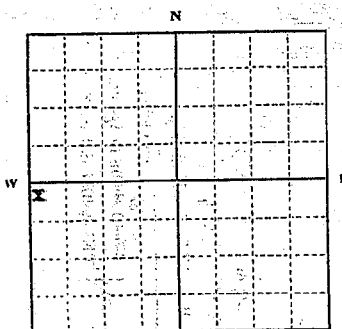
County Sweet GrassRECEIVED
DEC 28 1963

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Walter E. Huffman, of Box 177 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:



2. The beneficial use on which the claim is based irrigation
stock & motel

3. Date or approximate date of earliest beneficial use; and how continuous the use has been early 1940's continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 450 gal / min.

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

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

1/4 Sec. T R. R

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

Lot 3 NW NW SW $\frac{1}{4}$ Sec 13
T 1 N R 14 E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater early 1940's
8. The depth of water table 4 to 10 ft from surface
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 12" cased
10. The estimated amount of groundwater withdrawn each year 10 million gal.
11. The log of formations encountered in the drilling of each well if available
gravel shale rock
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 county record

Signature of Owner

Walter E. Huffman
Date December 7, 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.

12774

82226

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

Filed this 23 day

of Dec A. D. 19

at 10:35 o'clock A M.

Archie Haem Clerk.

By _____ Deputy.

County Recorder
By Harold D. Jackson
Deputy

GROUNDWATER INDEX

Page 7 of 7

County Sweet Grass Twp. 15 Rge. 15 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Cecil J. Carl	GW4	82512	
1	Cecil J. Carl	GW3	82511	
2	Charley M. McComb	1962	79648	
2	Charley M. McComb	1962	79652	
2	Charley M. McComb	1962	79649	
6	Endowment & Research Foundation	GW4	82128	
6	Montana Agricultural Experiment Station	GW4	82127	
7	Wolfe Ranch Co.	GW4	82216	
7	Wolfe Ranch Co.	GW4	82215	
7	Philo A. Thompson	GW4	82562	
8	Ole Solberg	GW3	82245	
8	Wolfe Ranch Co.	GW4	82217	
8	Wolfe Ranch Co.	GW4	82219	
8	Wolfe Ranch Co.	GW4	82218	
9	Ole Solberg	GW3	82246	
9	Ole Solberg	GW4	82244	
10	W. A. Halin	GW3	84909	
10	W. A. Halin	GW4	82073	
12	Larson Selmer Totland	1959	no #	
18	Helen Haern	GW3	82697	
21	Mike Nammesaamox	GW3	82261	
21	Mike Nammesaamox	GW4	82260	
24	Helen Haern	GW4	82699	
27	Rudolph Foster	GW4	82732	
28	Roger S. Whidden	GW4	80054	
29	J. Z. Faus	GW3	82594	
30	George Clayton	GW3	82703	
30	James M. Jones Estate	GW3	82101	
31	James K. Scholten	GW4	82049	
31	James K. Scholten	GW3	82047	
31	James K. Scholten	GW3	82046	
33	Roger S. Whidden	GW4	80055	
34	H. E. Chay	GW4	82200	
35	Zennad J. Cap	GW4	82683	
35	Paul Raymond Cap	GW4	82681	
35	Paul Raymond Cap	GW3	82682	
35	James L. Cap	GW4	82685	
36	James K. Scholten	GW3	82104	

File No. 82512T. 1 N. 15

County

DUPLICATE

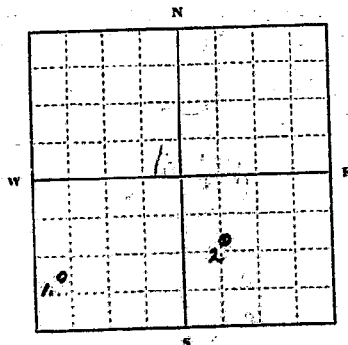
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Cecil J. Carl, of Big Timber 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. SW 1/4 Sec. 1 T. 1 N. R. 15 E

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

2. NW 1/4, SE 1/4, Sec. 1

2. The beneficial use on which the claim is based No. 1 + No. 2 wells are both used for stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1963 No. 1 well used
1947 No. 2 well used since 1947
4. The amount of groundwater claimed (in miner's inches or gallons per minute) No. 1 flows 12 gpm
No. 2 flows 5 gpm
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Both wells are pumped with gasoline engine & pump jack
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater No. 1 drilled Nov. 15, 1962 & completed Nov. 22, 1962
No. 2 drilled 1947
8. The depth of water table No. 1 at 30 ft. No. 2 at 40 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 is 100 ft. deep, cased completely with 6" casing. No. 2 is cased completely to 70', the depth of the well, with 6" casing
10. The estimated amount of groundwater withdrawn each year No. 1 not established No. 2 - 100,000 gal
11. The log of formations encountered in the drilling of each well if available No. 1 drilled then red and grey shales to sandstone No. 2 no information
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

Cecil J. Carl
Date Dec 27, 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.

33594

82512

STATE OF MONTANA
County of Beaverhead

Filed this 19 day

of Jan A.D. 1964

at 745 P.M.

Gene Hawn

By Gene Hawn Clerk

Deputy.

RECEIVED
JAN 20 1964
CLERK OF DISTRICT COURT
BEAVERHEAD COUNTY
MONTANA

File No. 82511T. 1 N. R. 15 E

DUPLICATE

County San Juan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 21 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

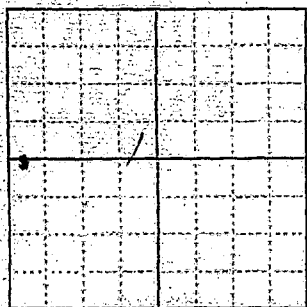
Date of Appropriation of Groundwater Dec. 27-1963Owner Cecil J. Carl Address Big Timber, Mont.

Contractor (if any) _____

Address of Contractor _____

Date Started Oct. 15-1963 Date Completed Oct. 30-1963

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring is developed with concrete and galvanized metal collection box piped to stock tank.



SW 1/4 NW Sec. 1 T. 1 N. R. 15 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 Spring flows

2 gal. per min. and is used in Spring, Summer,
+ Fall to water 50 head of cows.

Signature of Owner Cecil J. CarlDate 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.

82511

STATE OF MONTANA }
County of Sweet Grass }

Filed this 19 day

of Jan A D 1964

at 245 o'clock P M

Arne Haem
County Clerk

By _____
Deputy

No. 28

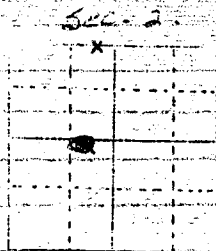
1 North R 12 East

County Sweet Grass

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 3 1902

Water well Log



Owner Charley M. McComb Address Big Timber, Mont.

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec. 2 T. 1 N R. 12 E $\frac{1}{4}$ sec. NE 4 NW 4

STATE ENGINEER

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: _____ (date)

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

(Seal)

Description of Material Drilled

Depth feet

From

Depth

“O
E-1

County of Sweet Grass.

From Uls 25

of Dec A.D. 1961

at 4:32 o'clock P.M.

DICK ARMSTRONG

By Catherine Thompson Deputy Clerk.

79648

No. 28

1 North R. 15 East

County Sweet Grass

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, MontanaRECEIVED
JAN 3 1962

Water Well Log

STATE ENGINEER

Owner Charley M McComb Address Big Timber, MontDriller City Service Address _____Date Started 1952 Date Completed 1952Location: Sec. 2 T. 1N R. 15E sec. NE+SE+Type of well Drilled
(dug, driven, or drilled)Equipment used Rotary
(Churn, drill, rotary, other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other _____Casing: 1 ft. to 80 ft. Type Steel Size 3 1/2"

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 12 feet at 60 gal. per min.How tested: Pump

Length of test _____

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

(over)

Description of Material Drilled

Test

64

END

2

10

STATE OF MONTANA, ss.
County of Sweet Grass.

County of San Diego
 Filed this 29 day
 of Dec A. D. 1961
 at 4:40 o'clock P.M.
DICK ARMSTRONG

By Catherine Thompson County Clerk.
Deputy.

No. 28

1 North R. 15 East

County Sweet Grass

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 3 1952

Sec. 2

Water Well Log

STATE ENGINEER

Owner Charley M. McComb Address Big Timber, Mont

Driller City Service Address _____

Date Started 1952 Date Completed 1952

Location: Sec. 2 T. 1N R. 15E sec. SE 4 NE 4

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

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

Casing: 1 ft. to 80 ft. Type Steel Size 3 1/2"

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 60 feet at 40 gal. per min.

How tested: Pump

Length of test _____

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

(over)

Description of Material Drilled

STATE OF MONTANA.)
County of Sweet Grass.) ss.
Filed this 29 day
of Dec A. D. 19 61
at 4:34 o'clock P. M.
DICK ARMSTRONG
County Clerk.
Catherine Thompson
Deputy

File No. 82128

DUPLICATE

T. SE R. 44
County Sweetgrass

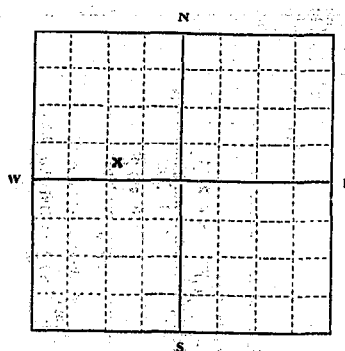
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 20 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Endowment & Research Foundation, of Montana State College Bozeman
(Name of Appropriator) (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



sa. 1/4 NW Sec. 6 T. 15E R. 1N

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 1950-Continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Normal amount for domestic use
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Lawn only
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 Completed-1950
8. The depth of water table 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 approximately 40 feet deep. Type casing unknown
10. The estimated amount of groundwater withdrawn each year Unknown
11. The log of formations encountered in the drilling of each well if available Unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Endowment & Research Foundation
Signature of Owner L. H. Johnson
L. H. Johnson, Executive Director
Date December 13, 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.

11635

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of

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or

35

82128

STATE OF MONTANA, }
County of Sweet Grass } ss.
Filed this 18 day
of Dec A. D. 19 63
at 2:00 o'clock P. M.
Archie Blain
County Clerk.
By _____ Deputy.

GT

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

File No. 82177

T. 15E R. 1N

DUPLICATE

County Sweetgrass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

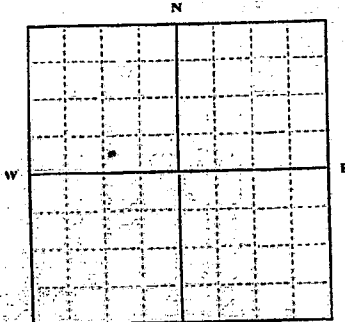
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

DEC 20 1963

STATE ENGINEER

1. Montana Agricultural Experiment Station, of Montana State College Bozeman
(Name of Appropriator) (Address) (Town)
County of Sweetgrass State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE $\frac{1}{4}$ NW Sec. 6 T. 15E R. 1N

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 shop & lawn
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950 continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Normal amount needed for domestic use
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Lawn only
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 1930
8. The depth of water table Approximately 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 approximately 20 feet in 1930
10. The estimated amount of groundwater withdrawn each year Normal use
11. The log of formations encountered in the drilling of each well if available Unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Montana Agricultural Experiment Station
Signature of Owner J. A. Asleson
By: J. A. Asleson, Director
Date December, 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

82127

STATE OF MISSISSIPPI } ss.
County of Sweet Grass }

Filed this 18 day
of Dec A. D. 19 63
at 1:55 o'clock P.M.
James H. Hain
County Clerk
By _____
Deputy

File No. 82216

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 1N. R. 15E.

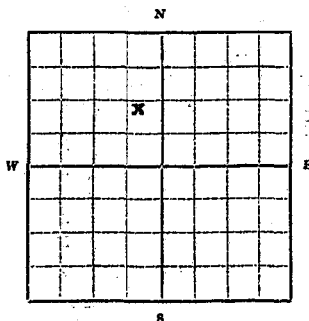
County Sweet Grass

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

RECEIVED
DEC 26 1963

1. Wolfe Ranch Co. of P. O. Box 792 Billings
(Name of Appropriator) (Address) (Town)

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



NW 1/4 Sec 1N T15E 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
for domestic and livestock use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1938 and continuously since

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

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
electrified pumps

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
drilled and completed in 1938

8. The depth of water table
66 feet

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

10. The estimated amount of groundwater withdrawn each year
1,080,000 gallons

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

Wolfe Ranch Co.

Signature of Owner By: [Signature] Pres.

Date December 19, 1963

STATE OF MONTANA, County of Yellowstone

C. D. Wolfe having first been duly sworn, deposes and says that he is of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights 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 19 day of December, 1963

[Signature] Notary Public for the State of
Montana, residing at Billings, Montana My Commission
expires April 21, 1963

82216

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

Filed this 21 day
of April A.D. 1963
at 5:10 o'clock P.M.
Archie Haem
By Deputy

File No. 82215STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 1N R. 15E.

County Sweet Grass

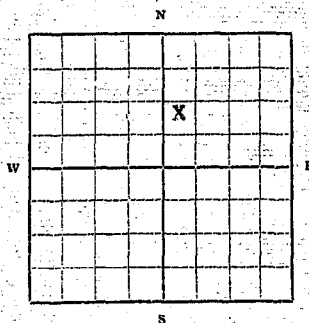
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 26 1963

STATE ENGINEER

1. Wolfe Ranch Co., of P. O. Box 792
(Name of Appropriator) (Address) (Town)
County of Yellowstone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

NE $\frac{1}{4}$ Sec. 7 T. 1N R. 15E.

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
for domestic and livestock use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1947 and continuously since

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

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
electrified pumps

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
drilled and completed in 1947

8. The depth of water table 66 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 and completed in 1947

6-inch casing - pumps

10. The estimated amount of groundwater withdrawn each year 1,080,000 gallons

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

Wolfe Ranch Co.

Signature of Owner By: [Signature] Pres.Date December 19, 1963STATE OF MONTANA, County of Yellowstone, ss:

C. D. Wolfe having first been duly sworn, depose and say that he is of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights 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 matter and things therein stated are true.

Subscribed and sworn to before me, this 19 day of December, 1963

[Signature] Notary Public for the State of
Montana, residing at Billings, Montana My Commission
expires April 21, 1964

12764

82215

STATE OF MONTANA } ss.
County of Sweet Grass }

Filed this 21 day
of Dec A. D. 1963
at S. 100 o'clock P.M.
Glenn A. Allen
Clerk
By _____ Deputy.

T 14 R 15 E

County Sweet Grass

100 JAN 21 1960

ights

(Under Chapter 237, Montana Session Laws, 1961)

N

W

163 → ●

162 → ●

161 → ●

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

- N
- 103-0
- 3
- E
- S
- 1/4 Sec. 7 T4N R15E
- 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, Gas 1-2-3
STOCK WATER - No. 2 Household
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1900 approximate
4. The amount of groundwater claimed (in miner's inches or gallons per minute) ALL 3 wells 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
No. 2 electric pump
No. 1 & 3 - pump jack
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1900 approximate
8. The depth of water table 8 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
ALL 3 wells in this section hand dug -
10 ft deep shored up with timber
10. The estimated amount of groundwater withdrawn each year 180,000 each well
11. The log of formations encountered in the drilling of each well if available
not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Date Dec 30/1963

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

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

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

33584

82502

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

Filed this 19 day

of Jan A. D. 19

at 125 o'clock P.M.

By Aine Ham Clerk

Deputy

GW 3

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

File No. 82245

T. 1N R. 15E

DUPLICATE

County Blaine
RECEIVED
DEC 28 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 12/23/63

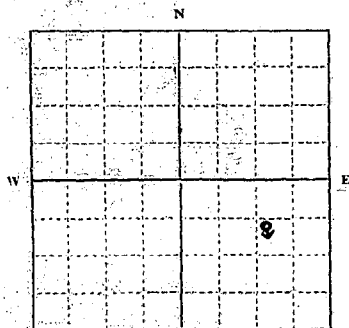
Owner Ole Solberg Address Big Timber Mont

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 surface water flow from natural underground water sources.



NE 1/4 SE Sec. 8 T. 1N R. 15E

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 8 gal per min year around and spring is used in Fall & Spring to water 100 head of cows.

Signature of Owner Ole Solberg

Date 12/23/63

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.

82245

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

Filed this 23 day

of Dec A. D. 1963

at 535 day 2 PM.

Arne Haum
County Clerk.

by _____
Deputy.

1963
DEC 23 3 10 PM
CLERK'S OFFICE
SWEET GRASS, MONT.

File No. 82217

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

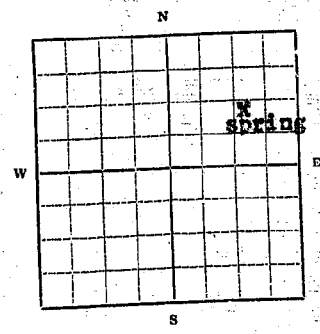
T. 1 N. R. 15 E.
County Sweet Grass

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

RECEIVED
DEC 26 1963

STATE ENGINEER

1. Wolfe Ranch Co. of P. O. Box 792 Billings
(Name of Appropriator) (Address) (Town)
Yellowstone State of Montana
County of Yellowstone have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 8 T. 1 N. R. 15 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 spring - for livestock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been used continuously since 1938 and prior years
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal natural flow
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not applicable
8. The depth of water table
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 not applicable
10. The estimated amount of groundwater withdrawn each year continuously running spring
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 Wolfe Ranch Co.
By: [Signature] Pres.
Date December 19, 1963

STATE OF MONTANA, County of Yellowstone ss: S S that he... of lawful age and... the
C. D. Wolfe having first been duly sworn, depose and say that he... of the order and water right mentioned in the foregoing declaration of vested groundwater rights
the appropriator... and claimant... of the order and water right mentioned in the foregoing declaration of vested groundwater rights
and the person whose name... subscribed thereto, as the appropriator and claimant... that he know the con-
tents of said foregoing notice and that the matters and things therein stated are true.
Subscribed and sworn to before me, this 19 day of December, 19 63
[Signature] Billings, Montana
Montana, residing at April 21, 19 64 My Commission
expires

82217

STATE OF MONTANA }
County of Sweet Grass } ss.

Filed this 21 day

of Dec A D 19 63

at 5:15 o'clock P.M.

Arno Haem

County Clerk

By _____ Deputy.