

File No. 82384

T. 2 N R 12 E
County Sweet Grass

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Notice of Completion of Groundwater Appropriation Without Well

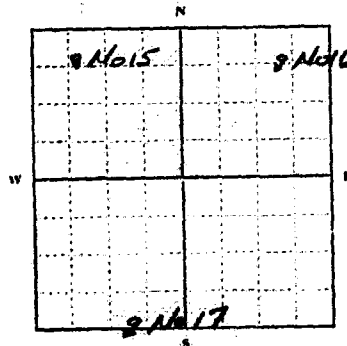
STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 26 - 1963
Owner Frank N. Prevost Address Springdale 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



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 15 - 25 gals per minute
No 17 - 16 - 3 gals per minute
estimated Flow Through pipe
stock water - year around use

1/4 Sec 35 T2N R12E
Indicate point of appropriation and place of use, if possible.

No 15 - NE 1/4 NW 1/4 NW 1/4
No 16 - NW 1/4 NE 1/4 NE 1/4
No 17 - SW 1/4 SE 1/4 SW 1/4

Signature of Owner Frank N. Prevost
Date Dec 26 1963

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

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

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

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

87284

STATE OF MONTANA }
County of Sweet Grass } ss

Filed this 26 day
of May A D 1963
at 3:45 P. M.
Arne Hauv
County Clerk
By _____
Deputy

Vertical handwritten notes on the right side of the page, including "MAY 26 1963" and other illegible text.

36

File No. 87275

T. 2 N R 12 E
County Sweet Grass

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

STATE ENGINEER
**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec 26-1963

Owner Frank H Perrott Address Springdale 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. No. 24 Concrete collection

tax, pipe to tank
No. 21-22-23 gravity flow
ALL SPRINGS run approximately
5 gals per minute

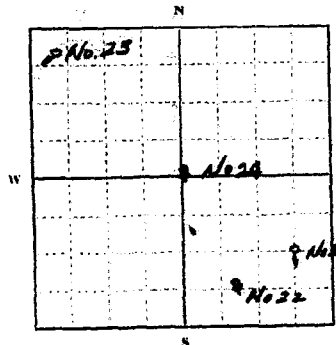
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use

ALL SPRINGS run approx
5 gals per minute - estimated
Flow through pipe
stock water year around use

Signature of Owner Frank H Perrott

Date Dec 26-1963



1/4 Sec 36 T4N R12E
Indicate point of appropriation and place of use, if possible.

- No 22- NE 1/4 SW 1/4 SE 1/4
- No 23- NW 1/4 NW 1/4 NW 1/4
- No 24- SW 1/4 SW 1/4 NE 1/4
- No 21- NE 1/4 SW 1/4 SE 1/4
- No 21 SE 1/4 NE 1/4 SE 1/4

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.

15408

82275

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

Filed this 26 day
of Dec 19 63
at 3 00 o'clock P.M.
Gene Haime
Clerk
By _____ Deputy.

Handwritten notes and stamps in the right margin, including a vertical stamp that reads "RECORDED" and "INDEXED".

Faint, mostly illegible text and markings covering the lower half of the page, possibly bleed-through from the reverse side.

GW2

File No.

DUPLICATE

RECEIVED
MAR 8 1963

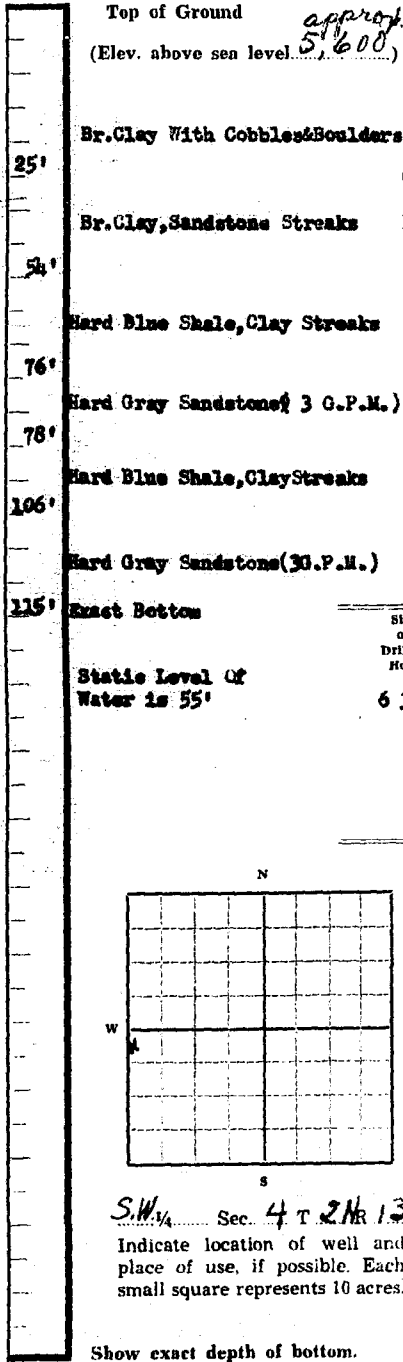
T. 2N. R. 13E
County Sweet Grass

STATE ENGINEER
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

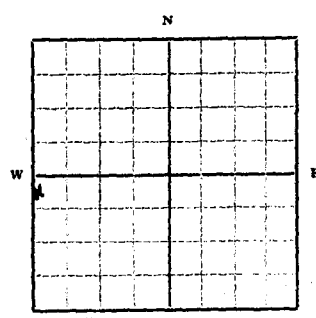


Owner: George Hagdal Address: Box 537 Big Timber, Mont.
 Driller: James L. McShee Address: Box 253 Big Timber, Mont.
 Date of Notice of Appropriation of Groundwater: 12-12-62
 Date well started: 12-13-62 Date Completed: 12-16-62
 Type of well: Drilled Equipment Used: Rotary
 (dug, driven, bored or drilled) (Churn, drill, rotary or other)
 Water Use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/4"	1 1/2" O.D. 3/4" I.D. 11 1/2 Ft.	1 Ft. Above Surface	115' Below	1/8" x 1/4"	7 1/2'	80'
				"	106'	115'

Static Level of Water is 55'



S.W. 1/4 Sec. 4 T. 2N. R. 13E

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: 55' feet.
 Shut-in Pressure for Flowing Well: _____
 Pumping Water Level: 90' feet at 5 gal. per minute.
 Discharge in gal. per min. of flowing well: _____
 How Tested: Bailer Length of Test: 4 hrs.

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

32
 Driller's License Number
James L. McShee
 Driller's Signature

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

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

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

80965
STATE OF MONTANA } ss.
County of Sweet Grass }

Filed this 11 day
of January A. D. 1963
at Willard O. C. P. M.
Archie Haem
Clerk
By _____ Deputy

File No. 52253

T. 2N R. 13E

DUPLICATE

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

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

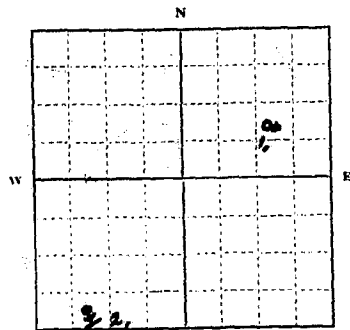
Owner Arne Gronfield Address Big Tander Mont

Contractor (if any) Landowner

Address of Contractor

Date Started 8-1955 Date Completed 8-1955

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 undeveloped but is a natural surface flow from underground water to surface.



1, SE 1/4 NE Sec. 8 T2N R13E

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

2

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 No. 1 flows open year around about 12 gal. per min. Spring No. 2 flows 8 gal. per min. and is open and used year around. Spring flows into Eastern dam.

Signature of Owner Arne Gronfield

Date Dec 23, 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.

87253

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

Filed this 23 day
of Dec A. D. 1963
at 7:00 o'clock P.M.
Archie Hansen
County Clerk.
By _____ Deputy.

RECORDED
INDEXED
DEC 23 1963
COUNTY CLERK'S OFFICE
SWEET GRASS, MONTANA

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
**NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL**
Developed after January 1, 1962

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.

(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 Franklin Grosfield

Address Box 669
Big Timber, Mont

Date well started Dec 5, 1970
completed Dec 5, 1970

For Administrator's Use	
File	<u>70-254</u>
	<u>January 29, 1971</u>
	<u>4:40 P.M.</u>
GW 1	

Type of well Drilled
(Dug, driven, bored or drilled)

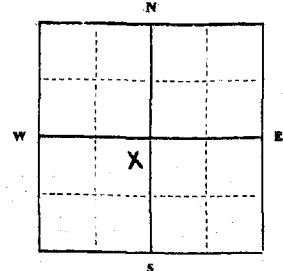
Equipment used: Churn Drill
(Churn drill, rotary or other)

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 75,000 gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 in.</u>	<u>6 5/8" OD</u> <u>7#</u>	<u>Surface</u> <u>Ground</u>	<u>39</u>	-	-	-



Static water level 8 1/2 ft.*
Pumping water level 40 1/2 ft.*
at 35 gallons per minute,
measured 4.5 minutes after pumping
began.
*Measured from ground level.
Well developed by Pump
for 4.5 hours
Power Pump HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

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

Driller's Signature Donald W. Jones

Driller's Address 2107 16th Street NE

Big Timber, Montana LICENSE NO. 111

Top of Ground (Elev. above sea level) <u>5000</u>		
From (Feet)	To (Feet)	
<u>0</u>	<u>18</u>	<u>Gravel + Clay</u>
	<u>8 1/2</u>	<u>Static water level</u>
<u>18</u>	<u>26</u>	<u>Clay</u>
<u>26</u>	<u>26 1/2</u>	<u>Sand</u>
<u>26 1/2</u>	<u>31</u>	<u>Clay</u>
<u>31</u>	<u>31 1/2</u>	<u>Clay with Gravel</u>
<u>31 1/2</u>	<u>40</u>	<u>Clay</u>
<u>40</u>	<u>40 1/2</u>	<u>Packer Shale</u>
<u>40 1/2</u>		<u>Bottom of well</u>

Show exact depth of bottom

49079

k-
d,
w
nd
ll.

000

Vertical scale markings on the left margin.

lom

90359

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

Paid this 29th day
 of January A. D. 19 21
 at 4.40 o'clock P.M.

Margaret Plagemeyer County Clerk.
 By Raymond Cheleng Deputy.

Vertical handwritten text on the right margin.

File No. 82656

T. 2N R. 12E

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)

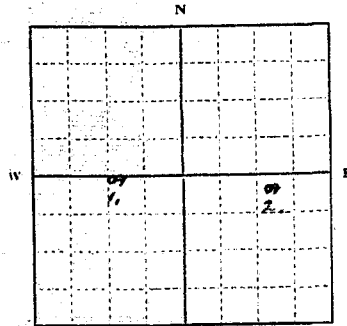
Date of Appropriation of Groundwater 12/30/63

Owner Palmer & Margaret Flanagan 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. Springs are surface flow from natural underground water sources.

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. Both springs are used year around flowing 15 gpm each and will water 150 head of cows.

- 1. NE 1/4 SW, Sec 12, T. 2N, R. 12E
 - 2. NE 1/4, SE, Sec. 12
- Indicate point of appropriation and place of use, if possible.

Signature of Owner Palmer Flanagan Margaret Flanagan

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.

82654

STATE OF MONTANA }
County of Sweet Grass } ss.

Filed this 23 day

of Jan A D 1964

at 10 25 o'clock A.M.

Archie Ham
County Clerk

By _____
Deputy

County Sweet Grass Twp. 2 N Rge. 14 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Elmer Amerson	GW3	82173	
2	Elmer Amerson	GW3	82172	
4	Charles C. Ramsey	GW2	92912	
4	Paul Davis	1961	78584	
5	Paul Davis	1961	78585	
6	Don Stuart Pettie	GW2	93103	
6	Don Stuart Pettie	GW2	93102	
6	Anna Pettie	GW 1962	79658	
6	Anna Pettie	1962	79659	
8	Palmer Margaret Haug	GW3	82654	
9	Paul Davis	1961	78586	
10	Garnett & Opal Stephens	1961	79585	
10	Robert A. Bray	GW3	93099	
10	Robert A. Bray	GW3	93098	
10	Robert A. Bray	GW3	93097	
11	Elmer Amerson	GW3	82185	
12	Raymond W. Riddle	GW4	92578	
12	Elmer Amerson	GW3	82175	
13	Byrane Bjarnedal	GW3	82198	
14	Elmer Amerson	GW3	82176	
15	Elmer Amerson	GW3	82177	
15	John W. Hoasey	GW4	81971	
16	George Linn	GW2	91981	
18	Palmer & Opal Haug	GW3	82655	
21	Verna G. Hathaway	GW4	79683	
22	Burdette Boylie	GW4	82515	
23	Burdette Boylie	GW3	82517	
23	Verna G. Hathaway	GW4	79681	
23	Elmer Amerson	GW4	82182	
23	Elmer Amerson	GW3	82178	
25	Elmer Amerson	GW3	82179	
32	Berg Rasland	GW3	93061	
33	Berg Rasland	GW3	93065	
34	Ward Buehly	GW2	91767	
34	Berg Rasland	GW3	93066	
34	Berg Rasland	GW2	93062	
34	Ward Buehly	GW 1961	79373	
34	Harriet C. Boylie	GW2	96339	
35	John Hayem	GW3	83825	
35	Robert Haldeman	GW2	88239	
35	Volusia Olsen	GW3	91835	
35	A. C. Wanda Gormano	GW2	92853	
35	Mary Blankler	GW2	93036	
35	Richard N. W. Linn	GW2	91861	
35	Frank R. & Anne Merrill	GW3	81275	
35	John D. Schetty	GW3	88491	

File No. 82173

T. 2 N. R. 14 East

DUPLICATE

County SUBLET

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater DEC. 17, 1963

Owner Edna Peterson Address Big Lake, Montana

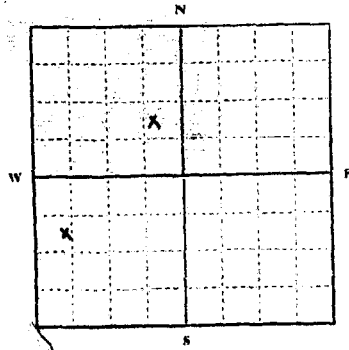
Contractor (if any) None

Address of Contractor

Date Started Date Completed

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

Sub-irrigation system



1/4 Sec. 1 T. 2 N. R. 14 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.

Five to eight months per year for watering livestock

Signature of Owner Edna Peterson

Date DEC. 17, 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.

File No. 82173

T. H R. 1

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1968
D

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 7.17, 1968

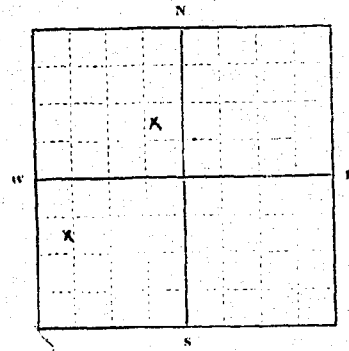
Owner Address

Contractor (if any)

Address of Contractor

Date Started Date Completed

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



1/4 Sec. 1 T. 1 R. 1

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.

Signature of Owner Edna Peterson

Date

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

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

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

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

82173

STATE OF MONTANA }
County of Sweet Grass }
Filed this 17 day
Dec A. D. 19 63
at 405 Court P. M.
Gene A. Green
County Clay

2

File No. 82172

T. 2 N. R. 10. East

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater D.C. 17, 1963

Owner ELMER ANDERSON Address WILLOW, MONT.

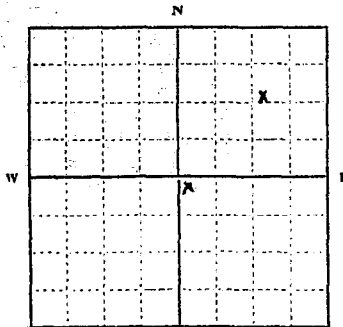
Contractor (if any) NONE

Address of Contractor

Date Started Date Completed

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

Surface flowing springs



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

Five to eight months per year

for watering livestock.

1/4 Sec. 2 T. 2 N R. 10 E

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

Signature of Owner Elmer Anderson

Date Dec. 17, 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.

12728

File No. 82172

T. 17 R. 1

DUPLICATE

County **RECEIVED**
DEC 25 1963
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 17, 1963

Owner Edna Carlson Address 1000 1st St., Helena, Mont.

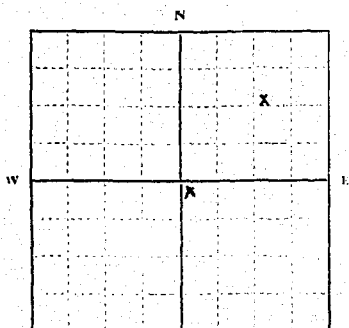
Contractor (if any) None

Address of Contractor

Date Started Date Completed

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

Surface flowing springs



1/4 Sec. 2 T. 1 R. 1

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

Five to six months per year

See location Livestock

Signature of Owner Edna Carlson

Date Dec. 17, 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.

82172

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

Filed this 19 day
of Nov A. D. 1963
at 4:00 o'clock P. M.
Alene Haem
County Clerk.
By _____ Deputy.

FILED
COUNTY CLERK'S OFFICE
SWEET GRASS, MONTANA

l,
w
d
l.

92912

STATE OF MONTANA }
COUNTY OF SWEET GRASS } ss.

Filed this 7th day
of May A. D. 1973
at 4:00 o'clock P.M.

Margaret Piagenoyne

County Recorder

By Harold D. Jelling
Deputy

T. 2 North R. 14 East

County Sweet Grass

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
MAY 23 1931

WATER WELL LOG

STATE ENGINEER

Sec. 4

			X
			X

Owner Paul Davis Address Big Timber, Montana

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec. _____ T. _____ R. _____ ¼ sec. _____

X-springs

Type of well _____ Equipment used _____
(Dug, 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.

How tested: _____

Length of test _____

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

(2) springs total flow 15 miners inches of water

(over)

T. 2 North R. 14 East

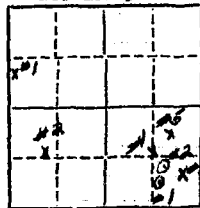
County Sweet Grass

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

Section 5



Well & pumps

Owner Paul Davis Address Big Timber, Montana

Driller Address

Date Started Date Completed #1 1870 #2 1900

Location: Sec. SW 1/4 Sec. 5 2 N. R. 14 E. 1/4 sec.

Type of well Dug Equipment used (Dug, driven, bored, or drilled) (Crown 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: #1 4' from top ground level. #2 5' from ground surface feet.

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

Pumping water level: 5'-10' below ground surface at 2000 gal. per min.

How tested: 6" pump

Length of test: 2 hr.

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

Spring (5) in Section 5--see sketch map--all springs total 75 minora inches of water flow.

(over)

Log of Well

Description of Material Drilled

Depth, feet
From To

78585

STATE OF MONTANA.

County of Lincoln

Section 21

of March

at 11.37

By Katherine Thompson

RECEIVED

File No.

T 2N R 14E

DUPLICATE

5 1973

County SWEET GRASS

LOG

DEPARTMENT OF NATURAL RESOURCES

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



Top of Ground *Crack Soil*
(Elev. above sea level) *1200*
1000
800
600
400
200
0
Bottom of Hole

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner DON STUART TETLIE Address BIG TIMBER, MONTANA

Driller Albert Heck Address Helena, Montana

Date of Notice of appropriation of groundwater 6/29/73

Date well started 7/4 1967 Date completed 7/9 1967

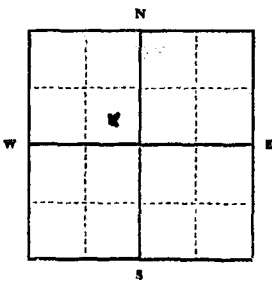
Type of well Drilled Equipment used Cable Tool
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7 1/2"	15 lb 40'	0	37			

93103
6-29-73
11:25 A.M.



Static Water Level for non-flowing well 12 feet.

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

Pumping Water Level 18 feet

at 35 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Diurnal

Length of Test 17 min

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

SE 1/4 NW 1/4 T. 2N. R. 14E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

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

25642

93103

STATE OF MONTANA } ss.
COUNTY OF SWEET GRASS }
Filed this 29th day
of June A. D. 19 23
at 11:25 o'clock A. M.

~~Notarial Prose~~

County Recorder

By Harold D. Shelton
Deputy

RECEIVED

File No.

T. 2N R. 14E

DUPLICATE

County SWEET GRASS

LOG

STATE OF MONTANA
DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner **BON STUART TETLIE** Address **BIG TIMBER, MONTANA**

Driller *Albert Heck* Address *Hardy...*

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

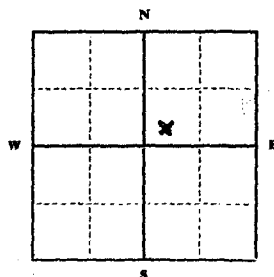
Date well started: *1/14 1967* Date completed: *3/14 1967*

Type of well..... Equipment used: *Table Top*
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<i>7 1/2"</i>	<i>6 1/2" 9.10" Iron 15 lb/ft</i>	<i>0</i>	<i>30 ft 80'</i>	<i>3/4" 20' long</i>	<i>20'</i>	<i>30 ft 20'</i>



Static Water Level for non-flowing well *10* feet.

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

Pumping Water Level *15* feet at *30* gal. per minute.

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

How Tested: *Table*

Length of Test: *2 Hours*

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

SM. 14E154 L T. 2N. R. 14E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature

55611

93102

STATE OF MONTANA } ss.
COUNTY OF SWEET GRASS }
Filed this 29th day
of June A. D. 1973
at 11:30 o'clock A.M.

Margaret Maggenwey
County Recorder
By Ernie P. Hallang
Deputy

Form No. 18
8-60

T. 2 North R. 14 East
County Sweet Grass

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 3 1960

Water Well Log

STATE ENGINEER

*	

Owner Anna Telle Address Big Timber, Montana
Driller _____ Address _____
Date Started _____ Date Completed _____
Location: Sec. 6 T. 2N R. 14E $\frac{1}{4}$ sec. SE1/4

Type of well Spring piped to House 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)

This spring is piped to the ranch house the overflow is used as stockwater.

(over)

Log of Well

Depth feet	Description of Material Drilled
From	To

29658

STATE OF MONTANA, }
County of Sweet Grass. } ss.
Filed this 29 day
of Dec A. D. 1904
at 4:52 o'clock P.M.
DICK ARMSTRONG
County Clerk
by Catherine Thompson
Deputy

Form No. 18
8-60

T. 2 North R. 1 1/2 East

County Sweet Grass

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 3 1962

STATE ENGINEER

Water Well Log

	(1)	(2)	
(3)		(4)	

Owner Anna Tuttle Address Big Timber, Montana

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec. 6 T. 2N R. 1 1/2 E $\frac{1}{4}$ sec. See below

Type of well Stock Water Springs 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) Spring No. 1 NE $\frac{1}{4}$ NW $\frac{1}{4}$ runs about 40 miners inches and is used for stock water in and around headquarters. Spring No. 2 used for stockwater and fills privy fish pond, flow about 30 miners inches. Spring No. 3 NW $\frac{1}{4}$ SE $\frac{1}{4}$ is stock spring, flow about 15 miners inches. Spring ~~SE $\frac{1}{4}$ NW $\frac{1}{4}$~~ used for stockwater, flow about 15 miners inches.

All springs located in Section 6, 2N 1 1/2E

(over)

Log of Well

Depth feet	From	To	Description of Material Drilled

79659

STATE OF MONTANA }
 County of Sweet Grass } ss.
 Filed this 29 day
 of Dec A. D. 1961
 at 4:52 o'clock P.M.
[Signature]
 County Clerk
[Signature]
 Deputy

File No. 82654

T. 2N R. 14E

DUPLICATE

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
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 Richard Hauge Address

Contractor (if any) Richard Hauge

Address of Contractor Big Timber, Mont

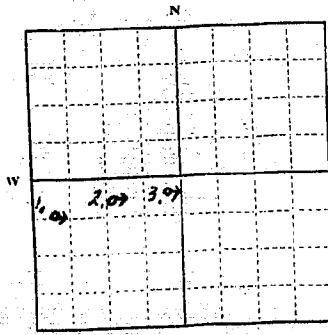
Date Started Summer 1937 Date Completed Fall 1937

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 for household use with a wooden collection box 24" in diameter set 3 ft into ground collecting water through pipe from gravel in spring and piped to house. Springs No. 2 & 3 are surface flow from natural underground water supplies.

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. All springs are used year around flowing 15 g.p.m. each. 250,000 gal used for household from spring no. 1, 100,000 gal used from springs 2 & 3 each.

Signature of Owner Richard Hauge

Date 12/30/63



- 1. NW 1/4 SW Sec. 8 T2N. R14E
- 2. NE 1/4 SW Sec. 8
- 3. NE 1/4 SW Sec. 8

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.

82654

STATE OF MONTANA }
County of Blaine } ss.

Filed this 23 day

of Jan A. D. 1964

at 10 25 o'clock AM

Arne Hansen
County Clerk

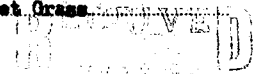
By _____
Deputy.

Witness my hand and seal of office this 23rd day of January 1964 at Helena, Montana.

T. 2 North R. 14 East

County Sweet Grass

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana



STATE ENGINEER

WATER WELL LOG

Section 9

x		
	x	
	x	x

Owner Paul Davis Address Big Timber, Montana

Driller Address

Date Started Date Completed

Location: Sec T R 1/4 sec

x springs

Type of well Equipment used
(Dug, 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.

How tested:

Length of test:

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

(6) springs Sec 9 Approx. total flow 60 miners inches of water

(over)

Log of Well

Description of Material Drilled

Depth, feet
From _____ To _____

78586
STATE OF MONTANA
County _____
City _____
of _____
March 21 day
11:39 A.M. 1961
Catherine Thompson

Form No. 18
8-60

T. 2 North R. 14 East
County San Juan

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
STATE ENGINEER

WATER WELL LOG

Owner Mr. J. J. Smith Address 110 N. Towner, Mont.

Driller _____ Address _____

Date Started December 20, 1961 Date Completed Dec. 20, 1961

Location: Sec. 18 T. 21 R. 14E $\frac{1}{4}$ sec. SW^{1/4}

Type of well auger Equipment used _____
(dug, 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: _____
(site)

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)

Log of Well

79585

Depth, feet From To	Description of Material Drilled														
	<table border="1"><tr><td>STATE OF MONTANA</td><td></td></tr><tr><td>County of Sweet Grass</td><td></td></tr><tr><td>Filed this</td><td>20 day</td></tr><tr><td>of Dec</td><td>A. D. 1961</td></tr><tr><td>at 11:44</td><td>o'clock P.M.</td></tr><tr><td>DICK ARMSTRONG</td><td>County Clerk</td></tr><tr><td>By Catherine Thompson</td><td>Deputy</td></tr></table>	STATE OF MONTANA		County of Sweet Grass		Filed this	20 day	of Dec	A. D. 1961	at 11:44	o'clock P.M.	DICK ARMSTRONG	County Clerk	By Catherine Thompson	Deputy
STATE OF MONTANA															
County of Sweet Grass															
Filed this	20 day														
of Dec	A. D. 1961														
at 11:44	o'clock P.M.														
DICK ARMSTRONG	County Clerk														
By Catherine Thompson	Deputy														

RECEIVED

JUL 5 1973

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

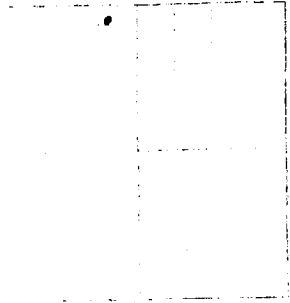
NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL
Developed After January 1, 1962

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

This notice is required by contract or permit, otherwise by the owner.
This notice and supporting documents are to be filed with the county Clerk and Recorder of the county in which the works were developed.
If not applicable to state, otherwise the form may be returned.

93099
6-29-73
11:05 A.M.

Owner: **ROBERT A. BRAY**
Address: **524 West Lewis**
Contractor (if any): **Stanley Stenberg**
Address of contractor: **Big Timber**
Work started: **May 1973** Date completed: **May 1973**
Type of work (method of obtaining groundwater (as by sub-surface, hand-dug spring, drains, etc.): **developed springs (enlarged and lined)**



Method of conveying water (gravity, pump, canal, etc.): **gravity**
Type of water table: **surface**
Type of water: **stock water**
Quantity of groundwater claimed (in owner's name or name of permittee): **2 gallons per minute**
Area of land (in acres) upon which work was done: **N/A**
Type of water use: **all available water**
Number of springs: **twelve**

NE NW 10
2 14
x x
4700

Robert A. Bray
6-29-73

55667

93099

STATE OF MONTANA }
COUNTY OF SWEET GRASS } 59.
Placed on 29th day
of June, A. D. 1973
at 11:05 o'clock A. M.
Margaret Phogge, etc.

By Harold O. Fallang
County

RECEIVED

JUL 5 1973

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

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

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

This notice is to be filed by contractor (if any) otherwise by the owner.
This notice and the return are to be filed with the County Clerk and Recorder of the county in which the works
are located.
If this notice is not applicable to state otherwise the form may be returned.

93098
6-29-73
11:00 AM

NAME: ROBERT A. BRAY
ADDRESS: 524 West Lewis
CONTRACTOR (if any): Stanley Stenberg
ADDRESS OF CONTRACTOR: ~~Big Timber~~
DATE STARTED: 1965 DATE COMPLETED: 1965

TYPE OF APPROPRIATION OF OBTAINING GROUNDWATER (as by advertisement):
developed springs, drains, etc. developed springs
(enlarged and lined)

WEIGHT OF WATER LEAVING WELL (gravity, pump, wind, etc.):
gravity

DEPTH OF WATER TABLE: surface

TYPE OF WATER: stock water

QUANTITY OF GROUNDWATER CLAIMED FOR PURPOSE (in gallons or cubic
feet per month): 5 gallons per minute

ACRES USED FOR IRRIGATION, GIVE NUMBER OF ACRES AND DESCRIPTION:

ACRES: N/A

PERCENTAGE OF WATER USED EACH YEAR:

all available water

NUMBER OF PERMANENT FLOWS: twelve

NE SE 10
2 14
x x

4700

SIGNATURE OF CLAIMANT:

DATE:

Robert A. Bray
6-29-73

55666

93098

STATE OF MONTANA
COUNTY OF SHELBY
FILED this 29th day
of June A. D. 1922
at 11:00 o'clock A. M.

Raymond D. Gallant
County Recorder
By Raymond D. Gallant
Deputy

RECEIVED

JUL 5 1973

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

Sweet Grass

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

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

This notice is to be prepared by the contractor of any appropriation by the owner.
It must be filed with the County Clerk and Recorder of the county in which the work
was done.
If not applicable, so state, otherwise the form may be returned.

Contractor's Use

93097

6-29-73

10:55 A.M.

Owner **ROBERT A. BRAY**

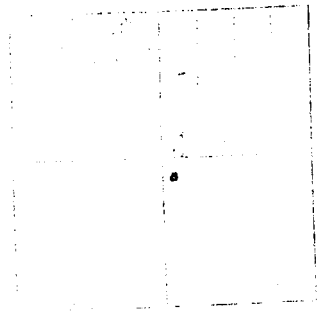
Address **524 West Lewis**

Contractor (if any) **Stanley Stenberg**

Address of Contractor **Big Timber**

Date started **May 1973** Date Completed **May 1973**

1. Describe means of obtaining groundwater (e.g., by infiltration,
developed spring, drains, etc.) **developed springs
(enlarged and lined)**



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

3. Depth of water table **surface**
Height of the water **stock water**

4. Capacity of groundwater claimed for primary use (e.g., irrigation,
municipal) **10 gallons per minute**

5. Amount of labor, give number of acres and describe
activity **N/A**

6. The present use of water used each year
all available water

7. Number of years spring flows **twelve**

NW SE 10
2 x 14 x

4700

Signature of Owner

Date

Robert A. Bray
6-29-73

55665

93097

STATE OF MONTANA }
COUNTY OF SWEET GRASS } ss.
Filed this 29th day
of June A. D. 1923
at 10:55 o'clock A. M.

~~Notarial Public~~

County Recorder

By Hayden D. Saclang
Deputy

File No. 82185

T. 2N. R. 11E. East

DUPLICATE

County Swope Cross

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 17th, 1963

Owner ELMER ANDERSON Address DIG RIDER HOME.

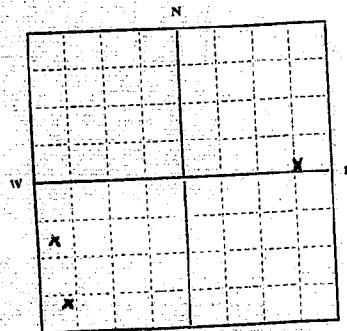
Contractor (if any) None

Address of Contractor

Date Started Date Completed

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

SURFACE FLOW TO SPRINGS



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

1/4 Sec. 11 T. 2N R. 11E East

Five to eight months per year

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

for watering livestock.

Signature of Owner

Elmer Anderson

Date Dec. 17th, 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.

JW 2

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

11

File No. E 2195

Township 1 N Range 10 E

DUPLICATE

County San Juan

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 17th, 1963

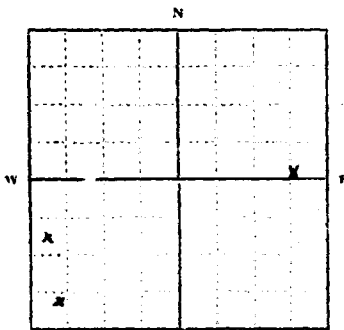
Owner..... Address.....

Contractor (if any) None

Address of Contractor.....

Date Started..... Date Completed.....

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



$\frac{1}{4}$ Sec. 21 T. 1 N. R. 10 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.....

Signature of Owner..... *Edmund Curison*

Date Dec. 17th, 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 to the Appropriator.

277

82185

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

Filed this 19 day

of Dec A. D. 1963

at 4:10 o'clock P.M.

Arise Hoem
County Clerk

By Boody

GM 4

File No. 82578

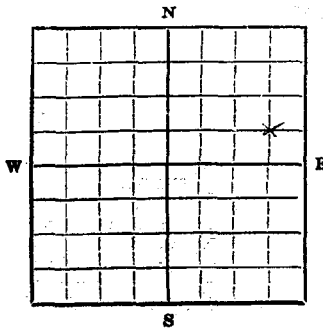
DUPLICATE

T 2 R 14 E 12
County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Raymond W. Rudd, of 301 E. 5th St Laurel
(Name of Appropriator) (Address) (Town)
County of Golden State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Lot 2
1/4 Sec 12 T. 2 R. 14. East

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 watering cattle
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946 every year
to now
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 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
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Spring Section 12 Lot 2

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
- 8. The depth of water table do not know
- 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
- 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 to book and page of any county record

Signature of Owner Raymond W. Rudd
Date December 6, 1963

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

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

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

82578

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

Filed this 20 day

of Jan A. 1964

at 745 P.M.

Arnie Haum

by _____
Deputy.

12

File No. 82175

T. 2H R. 11 East

DUPLICATE

County Blaine

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 17th, 1963

Owner Edna M. S. S. S. Address Big Fishor, Mont.

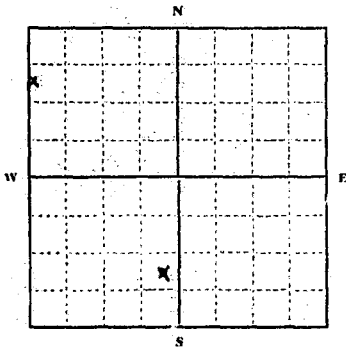
Contractor (if any) None

Address of Contractor

Date Started Date Completed

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

SURFACE FLOWING SPRINGS



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

estimate approximate lengths of periods of use.

.....1/4..... Sec. 12, T. 2H R. 11 East

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

Five to eight months per year for watering livestock.

Signature of Owner Edna M. S. S. S.

Date Dec. 17th, 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.

12

File No. 82175

T. 122 R. 1

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

Notice of Completion of Groundwater Appropriation Without Well STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 17, 1963

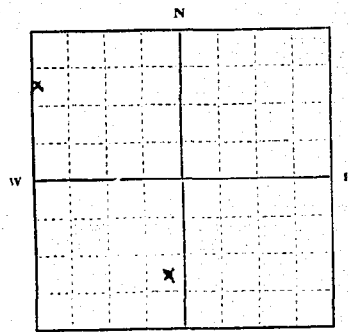
Owner _____ Address Big Lake, Mont.

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 _____



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

estimate approximate lengths of periods of use _____

1/4 Sec 12 T. 22 R. 1

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

Signature of Owner Edmund Anderson

Date Dec. 17, 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.

82175

STATE OF MONTANA, }
County of Sweet Grass }

Filed this 19 day
of Dec A. D. 1963
at 4:20 o'clock P. M.
Gene Haem
By _____ Deputy

File No. 82195

T. R.N. R. 14E

DUPLICATE

County Sweet Grass Co

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12-20-63

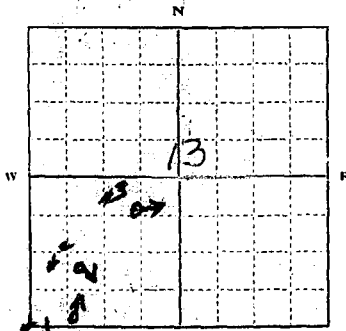
Owner Byarne Bjornedal Address Big Timber Mont.

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. Gravity flow to the 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

- #1 5 miles inches
- #2 20 miles inches
- #3 2 miles inches

1/4 Sec. 13 T. 2N R. 14E

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

- #1 SE SW SW 1/4 Sec 13
- #2 NE SW SW 1/4 Sec 13
- #3 NW NE SW 1/4 Sec 13

Signature of Owner Byarne Bjornedal
Date 12-20-63

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.

82198

STATE OF MONTANA }
 County of Sweet Grass. } ss.
 Filed this 21 day
 of Dec A D 19 03
 at 3:20 o'clock P. M.
Alvin Halverson
 County Clerk.
 By _____ (Reputy.)

3 M M 11/21/03
 4 D WE 20/20/2013
 4 1 CE 20/20/2013

13 AM 11/21/03

11/21/03

11/21/03

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GW 3

File No. 22176

T. 24 N. R. 11 East

County Golden

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 17th, 1963

Owner Edna Peterson Address Big Timber, Mont.

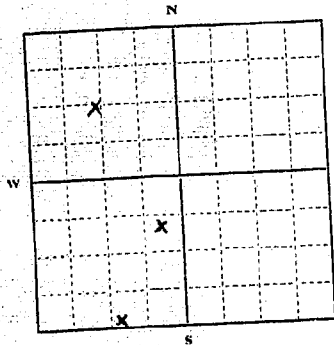
Contractor (if any) None

Address of Contractor _____

Date Started _____ Date Completed _____

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

SURFACE FLOWING SPRINGS



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

estimate approximate lengths of periods of use.

1/4 Sec. 11, T. 24 N. R. 11 East

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

Five to eight months per year for watering livestock.

Signature of Owner Edna Peterson

Date Dec. 17th, 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.

Handwritten notes on the left margin:
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12/13

GW 3

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

File No. 82176

T. R.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 17, 1963, 1963

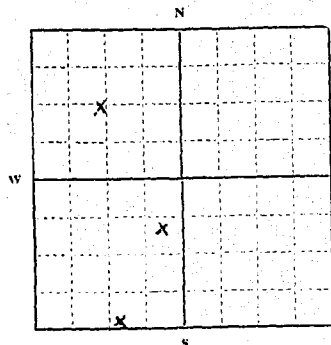
Owner Address

Contractor (if any) None

Address of Contractor

Date Started Date Completed

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



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

estimate approximate lengths of periods of use

1/4 Sec. 14, T. 23 R. 13

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

Signature of Owner Edwin Carlson

Date Dec. 17, 1963, 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.

1732

12732

82196

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

Filed this 19 day
of Dec A. D. 1963
at 4:25 o'clock P. M.
Arne Haem
County Clerk.
By _____
Deputy.

FILED IN BOOK 100 PAGE 100
COUNTY CLERK'S OFFICE
SWEET GRASS, MONTANA