

File No. 82564

T. 3 R. 12-E

DUPLICATE

County Sanford

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

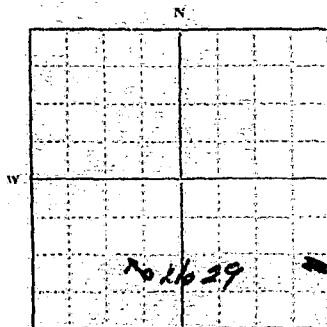
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12-27-63
Owner William Thurgay Ranch Co Address McLean, Mont.
Contractor (if any) none
Address of Contractor none
Date Started UNKNOWN Date Completed UNKNOWN

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

gravity Flow From
underground sources



1/4 Sec. 18 T. 3 R. 12-E

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

NW 1/4 SE 1/4 SW 1/4

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

estimate approximate lengths of periods of use.

8 gals per minute estimate
Flow used year around
for Stock Water

Signature of Owner

William Thurgay Ranch Co
Ray Marshall Thurgay

Date 12-27-63

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.

82564

STATE OF MONTANA }
County of Sweet Grass } ss.

Filed this 20 day

of Jan A D 19 64

at 3 40 P M

By Arne Haim

County Clerk

By Deputy

JW 3

Approved Stock Form—State Publishing Co., Helena, Montana—41261

File No. 87363

DUPLICATE

County San Juan

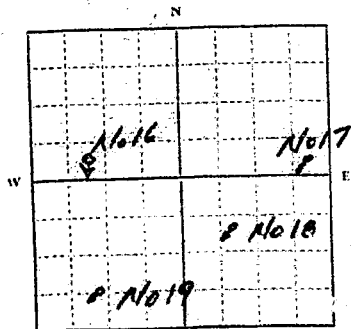
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

JAN 28 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12-27-63Owner McCase RanchAddress McCase RanchContractor (if any) NoneAddress of Contractor NoneDate Started 1960Date Completed 1960Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 1616-19 pipedTo Tank From collection Box
No 17-18 gravity Flow springs
From underground Sources1/4 Sec. 22 T 33 N 2E

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

No 16- $SE\frac{1}{4}$ $SW\frac{1}{4}$ $NE\frac{1}{4}$
No 17- $SE\frac{1}{4}$ $SE\frac{1}{4}$ $NE\frac{1}{4}$
No 18 $SE\frac{1}{4}$ $NW\frac{1}{4}$ $SE\frac{1}{4}$
No 19 $SE\frac{1}{4}$ $SW\frac{1}{4}$ $SW\frac{1}{4}$

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

estimate approximate lengths of periods of use EstimatedFlow 5 gals per minute
Used year around for
stock water useSignature of Owner McCase RanchDate 12-27-63

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.

33693

82563

STATE OF MONTANA }
County of Sweet Grass } ss.

Filed this 20 day

of Jan A. D. 1964

at 340 P. M.

Archie Haines
County Clerk

By _____
Deputy.

File No. 82559

DUPLICATE

T³⁵ R^{12-E}
County LeviSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERJAN 22 1964
STATE ENGINEERNotice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 12-27-63
Owner Alma Horgan Address MC Seed MartContractor (if any) noneAddress of Contractor noneDate Started UNKNOWN Date Completed UNKNOWN

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

gravity flow from
underground sources

<u>1/4</u>	<u>1/4</u>	<u>1/4</u>	<u>1/4</u>

1/4 Sec. 35 T³⁵ R^{12-E}
Indicate point of appropriation
and place of use, if possible.No 20- NE $\frac{1}{4}$ NW $\frac{1}{4}$ NW $\frac{1}{4}$
No 21- NW $\frac{1}{4}$ NW $\frac{1}{4}$ NE $\frac{1}{4}$
No 22- NE $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$

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

estimate approximate lengths of periods of use. 5 gals
per minute estimated flow
from underground sources

Signature of Owner

Date 12-27-63

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.

82559

STATE OF MONTANA, }
County of Sweet Grass. }

Filed this 20 day

of Jan 1964

at 340 o'clock P.M.

Arne Haim

County Clerk

By Deputy.

File No. 82227

T. 2S. R. 17E.

DUPLICATE

County Sandwich

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 December 23, 1963.

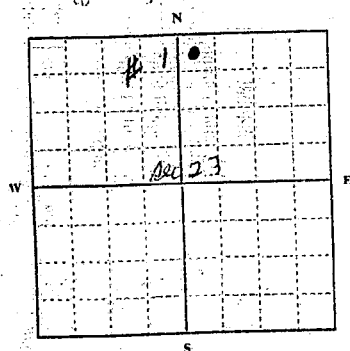
Owner Thorval Krone Address Reed Point, Mont.

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. _____



$\frac{1}{4}$ Sec. T. R.
Indicate point of appropriation
and place of use, if possible.

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

One free flowing open spring as designated on plat, which has been flowing ever since 1911 and long prior thereto. It produces in excess of 5 miners inches of water.

#1. NW 1/4 NW 1/4 NE 1/4

Signature of Owner Thorval Krone

Date December 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.

82227

STATE OF MONTANA, } ss.
County of Sweet Grass. }
Filed this 23 day
of Dec A. D. 1963
at 11:40 o'clock A. M.
Arnie Hansen
County Clerk.
By _____
Deputy.

RECEIVED

GW 3 Revised 1969
STATE PUBLISHING CO.-LITHO

JUL 5 1973

County Sweetgrass

STATE OF MONTANA
DEPARTMENT OF LAND AND NATURAL RESOURCES
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 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 may be returned.

For Administrator's Use

File 93647

6-29-73

GW 1 4-15-71

Owner Montroy Ranch Industries, Inc.

Address Big Timber, Montana

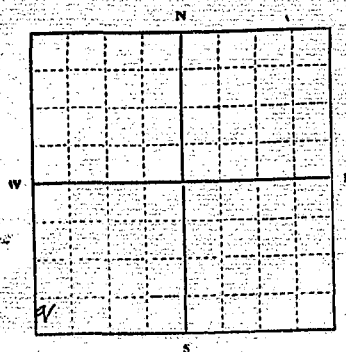
Contractor (if any) Developed by Ranch Employees

Address of Contractor NONE

Date Started 4-15-71 Date Completed 6-20-71

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)

Developed Spring



SW 1/4 SE 1/4 Sec. 24

T. 3 R. 12

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.

Elevation of spring, if known or estimated 5130 FT.

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

Gravity and Pump

3. Depth of water table SURFACE

4. Use of the water Guest Ranch - Irrigation and Livestock water

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 50 miner's inches

6. If used for irrigation, give number of acres and description of land 10 Acres pasture

7. Estimate amount of water used each year

3,600,000 Gals.

8. Months of year spring flows All Months

MONTROY RANCH INDUSTRIES, INC.

Signature of Owner By William W. Danvers

Date June 27, 1973

55649

93047

STATE OF MONTANA
COUNTY OF SWEET GRASS

Filed this 27 day

of June A.D. 1922

at 14-15 o'clock P M.

Margaret H. Haggerty
County Recorder

By _____

File No. 81680T. 3S R. 12H

DUPLICATE

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

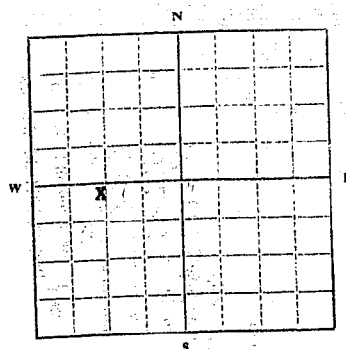
RECEIVED
OCT 14 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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

SW 1/4 Sec. 25 T. 3S R. 12H

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1960 - continuous.

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Spring box and pipe to trough.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1960.

8. The depth of water table. Surface spring.

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

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

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

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

U. S. Forest Service
By: Joe T. Shaw
District Ranger

Date Oct 1, 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 to the Appropriator.

6351

81680

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

Filed this 4 day
of Oct A. D. 1963
at 4:09 o'clock P.M.
Arne Haem
County Clerk
By _____

GV

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

File No. 81700T 3S R 12E

DUPLICATE

County Sweet Grass

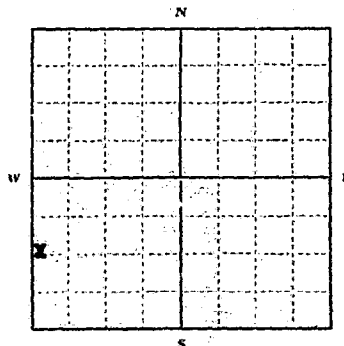
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 14 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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



SW 1/4 Sec. 25, T3S, R12E

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

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

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

4. The amount of groundwater claimed (in meter's inches or gallons per minute). 10 gal. per minute.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
spring box and pipe to trough.

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

8. The depth of water table. Surface spring.

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

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

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

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

U. S. Forest Service
Signature of Owner. [Signature]
District Ranger
Date Oct 1, 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.

6574

81700

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

Filed this 4 day
of Oct A. D. 1963
at 4:29 o'clock P.M.
Arne Haem
County Clerk
By _____
Deputy

File No. 51721T. 35 R. 12N

DUPLICATE

County Sweet Grass

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

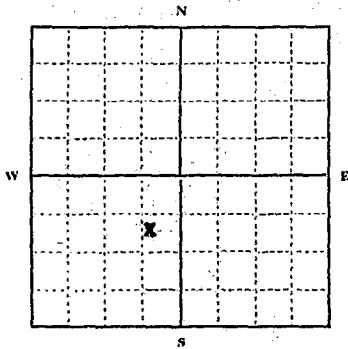
RECEIVED
OCT 14 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



SW 1/4 Sec. 36 T. 35 R. 12N

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

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

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

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Spring box and pipe to trough.

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

8. The depth of water table Surface spring.

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

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

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

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

U. S. Forest Service
Signature of Owner By: [Signature]
District Ranger
Date Oct 1, 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.

6872

81701

STATE OF MONTANA, }
County of Sweet Grass, } ss.
Filed this 4 day
of Oct A. D. 19 63
at 4:30 o'clock P.M.
Arne Haem
County Clerk.
By _____
Deputy.

County: Sweet GrassTwp. 3 SRge. 13 E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Clark Engle	1962	79679	
1	Clark Engle	1962	79678	
1	Clark Engle	1962	79677	
2	Clark Engle	1962	79676	
2	Clark Engle	1962	79672	
3	Clark Engle	1962	79671	
3	Clark Engle	1962	79670	
4	Clark Engle	1962	79669	
4	Clark Engle	1962	79668	
4	Edward W. Huggan	6623	87208	
4	Mrs. Robert F. Hansen	6622	87360	
5	Clark Engle	1962	79665	
5	Clark Engle	1962	79664	
5	Clark Engle	1962	79663	
5	Clark Engle	1962	79662	
6	Clark Engle	1962	79667	79667
9	Rasmus Boe	1962	79633	
9	Rasmus Boe	1962	79634	
9	Rasmus Boe	1962	79635	
9	Rasmus Boe	1962	79628	
9	Rasmus Boe	1962	79629	
10	Rasmus Boe	1962	79630	
10	Rasmus Boe	1962	79631	
10	Rasmus Boe	1962	79632	
10	LeRoy H. Schilling	6623	82567	
10	LeRoy H. Schilling	6624	79885	
11	Clark Engle	1962	79674	
11	Clark Engle	1962	79676	
11	Clark Engle	1962	79673	
12	Clark Engle	1962	79681	
12	Clark Engle	1962	79680	
12	Clark Engle	1962	79682	
14	Virgil Braughton	6623	82024	
15	LeRoy H. Schilling	6623	82566	
15	Rasmus Boe	1962	79627	
21	LeRoy H. Schilling	6624	79886	
21	Arthur M. Nichols	6623	82169	
22	LeRoy H. Schilling	6623	82565	
23	Arthur M. Nichols	6623	82171	
23	Arthur M. Nichols	6623	82170	
23	Arthur M. Nichols	6623	82029	
23	Arthur M. Nichols	6623	82028	
23	LeRoy H. Schilling	6623	82659	
24	James H. Woodruff	6623	82025	
24	Helmer Hansen Ranch Co	6623	82560	
24	LeRoy H. Schilling	6623	82658	

Twp.:

3:5

Rge.

138

[illegible]

No. 18

1. 38 N. 13E

County

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 13 1932

STATE ENGINEER

Spring developed

Spring water

Owner Clark Engle Address _____

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec. 7 T. 38 R. 13E $\frac{1}{4}$ sec. NE

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

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

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)

(State)

Description of Material Drilled	Depth	Remarks
1. 10' - 12' - 14' - 16' - 18' - 20' - 22' - 24' - 26' - 28' - 30' - 32' - 34' - 36' - 38' - 40' - 42' - 44' - 46' - 48' - 50' - 52' - 54' - 56' - 58' - 60' - 62' - 64' - 66' - 68' - 70' - 72' - 74' - 76' - 78' - 80' - 82' - 84' - 86' - 88' - 90' - 92' - 94' - 96' - 98' - 100'		

Page

From To

STATE OF MONTANA, }
County of Sweet Grass. }

173304	29		
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[illegible]

at 10:20 AM

DICK ARMSTRONG

County Clerk
By W. H. Thompson

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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No. 18

38. 13 E
County Sweet GrassMONTANA BUREAU OF MINES AND GEOLOGY
Butte, MontanaRECEIVED
JAN 3 1962

Log

STATE ENGINEER

Owner Clark Cough Address Butte, Montana

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec. 1 T. 38 R. 13 E $\frac{1}{4}$ sec.Type of well _____ 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 _____ 4 gal. per min.

How tested: _____

Length of test _____

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

(over)

Log of Well

Description of Material Drilled

Feet

To

From

19678

STATE OF MONTANA }

County of Sweet Grass }

Filed this 24 day

Dec

A. D. 1967

at 5:13 o'clock P.M.

DICK ARMSTRONG

County Clerk

By Catharine Thompson

Deputy

Form No. 28
20

1. 38 N. 13E
County San Juan

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 3 1902

Water Well Log

STATE ENGINEER

Owner Clark Cope Address Butte, Montana

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec. 1 T. 38 R. 13E sec. N. W.

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

Water used: 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 piling, cementing, packers, type of shut-off, depth of shut-off)

(over)

Log of Well

Log of Well

Description of Material Drilled

Depth	feet
1	1
2	2
3	3
4	4
5	5
6	6
7	7
8	8
9	9
10	10
11	11
12	12
13	13
14	14
15	15
16	16
17	17
18	18
19	19
20	20
21	21
22	22
23	23
24	24
25	25
26	26
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95	95
96	96
97	97
98	98
99	99
100	100

From _____ To _____

1990

STATE OF MONTANA, }
County of Sweet Grass. } ss
Filed this 29
of Dec.
at Gillette
DICK ARMSTRONG
By Catherine M. [Signature] Co.

79677

38 13F

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 1954

Water Log

STATE ENGINEER

Drillern	Address

[illegible]

Location: Sec. 2 T. 38 R. 13E sec. 11E

Type of well	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 4 gal. per min.

How tested:

Length of test

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

North	Feet	Description of Material Drilled
From	To	

79676

STATE OF MONTANA } ss.
County of Sweet Grass }
Filed this 29 day
Dec A.D. 1961
5:11 o'clock P.M.
DICK ARMSTRONG
Deputy Clerk
William Thompson
Deputy.

STATE OF MONTANA, }
County of Sweet Grass } ss.
That this 29 day
of Dec A.D. 19 61
P.M.
5:11 o'clock
DICK ARMSTRONG
County Clerk
by *Edmund Thompson*
Deputy.

No. 16

Spring developed

No. 33 13E

County San Juan

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 3 1962

Water Well Log

STATE ENGINEER

2	Owner <u>Clark Boyle</u>	Address <u>444 1st St. N. Durango</u>
	Driller _____	Address _____
	Date Started _____	Date Completed _____
	Location: Sec. <u>2</u> T. <u>38</u> R. <u>13E</u> sec. <u>SW</u>	

Type of well _____ 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 3 gal. per min.

How tested: _____

Length of test _____

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

(over)

Description of Material Drilled

○
F+

U.S. Fish

150

1967.2

No. 16
30

Handwritten

No. 13E

County Sweet Grass

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Handwritten
Water Well Log

RECEIVED
JAN 3 1962

STATE ENGINEER

Owner <u>Clark Engle</u>	Address <u>West End Mont.</u>
Driller _____	Address _____
Date Started _____	Date Completed _____
Location: Sec. <u>3</u> T. <u>33</u> R. <u>13E</u> sec. <u>S.E.</u>	

Type of well _____
(dug, driven, or drilled) Equipment used _____
(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 piling, cementing, packers, type of shut-off, depth of

shut-off)

(over)

Description of Material Drilled	Date	Driller	Inspector	Remarks
1. 10' of 1/2" dia. 1/4" wall pipe	10/10/50	J. H. Smith	A. B. Jones	Good
2. 10' of 1/2" dia. 1/4" wall pipe	10/10/50	J. H. Smith	A. B. Jones	Good
3. 10' of 1/2" dia. 1/4" wall pipe	10/10/50	J. H. Smith	A. B. Jones	Good
4. 10' of 1/2" dia. 1/4" wall pipe	10/10/50	J. H. Smith	A. B. Jones	Good
5. 10' of 1/2" dia. 1/4" wall pipe	10/10/50	J. H. Smith	A. B. Jones	Good
6. 10' of 1/2" dia. 1/4" wall pipe	10/10/50	J. H. Smith	A. B. Jones	Good
7. 10' of 1/2" dia. 1/4" wall pipe	10/10/50	J. H. Smith	A. B. Jones	Good
8. 10' of 1/2" dia. 1/4" wall pipe	10/10/50	J. H. Smith	A. B. Jones	Good
9. 10' of 1/2" dia. 1/4" wall pipe	10/10/50	J. H. Smith	A. B. Jones	Good
10. 10' of 1/2" dia. 1/4" wall pipe	10/10/50	J. H. Smith	A. B. Jones	Good

Q-4

Filed this

et	Dec	A. D. 1961
et	5:46	o'clock P.M.

DICK ARMSTRONG

By Catherine Thompson Deputy Clerk

35 13 E

Country *Saint Helena*

RECEIVED
JAN 3 1962

Water Well Log

STATE ENGINEER

Owner Jack Cagle Address 1111 S. 1st St.

<u>Driller</u>	<u>Address</u>
----------------	----------------

Date Started _____ Date Completed _____

Location: Sec. 3 T.38 R. 13E $\frac{1}{2}$ sec. S. E

Type of well _____ 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
---------	--------	-----	------	------

[illegible]

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.
10	10	10
20	20	20
30	30	30
40	40	40
50	50	50
60	60	60
70	70	70
80	80	80
90	90	90
100	100	100
110	110	110
120	120	120
130	130	130
140	140	140
150	150	150
160	160	160
170	170	170
180	180	180
190	190	190
200	200	200
210	210	210
220	220	220
230	230	230
240	240	240
250	250	250
260	260	260
270	270	270
280	280	280
290	290	290
300	300	300
310	310	310
320	320	320
330	330	330
340	340	340
350	350	350
360	360	360
370	370	370
380	380	380
390	390	390
400	400	400
410	410	410
420	420	420
430	430	430
440	440	440
450	450	450
460	460	460
470	470	470
480	480	480
490	490	490
500	500	500
510	510	510
520	520	520
530	530	530
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550	550	550
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790	790	790
800	800	800
810	810	810
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830	830	830
840	840	840
850	850	850
860	860	860
870	870	870
880	880	880
890	890	890
900	900	900
910	910	910
920	920	920
930	930	930
940	940	940
950	950	950
960	960	960
970	970	970
980	980	980
990	990	990
1000	1000	1000

How tested:

Length of test

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

(over)

Log of Well

Description of Material Drilled

Depth Feet

To

79670

STATE OF MONTANA,
County of Sweet Grass,
Filed this 29 day
of Dec A. D. 1941
at 6:05 o'clock P.M.
DICK ARMSTRONG
County Clerk.
Matthew Thompson
Deputy.

No. 18

T. 9 R. 15
County San Juan

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 3 1962

Spring IV
Water/Well Log

STATE ENGINEER

Owner Clark Eagle Address McLeod Montana

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec. 4 T. 9 R. 15 sec. S.E.

Type of well _____ 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. 12 F.S.

How tested: _____

Length of test _____

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

(over)

No. 18

35 13E

County Sweet Grass

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 3 1962

Spring III
Water Well Log

STATE ENGINEER

Owner Chuck Eagle Address Two West Montana

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec. 4 T. 38 R. 13 $\frac{1}{2}$ sec. W.

Type of well _____ 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. 100

How tested: _____

Length of test _____

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

(over)

Log of Well

STATE OF MONTANA }
County of Sweet Grass } ss.
I find this 29
of Dec A D 1946
of 503 Dick Armstrong C. M.
of Dick Armstrong
of Arthur Thompson
County.

File No. 87208T. 35 R. 13E

DUPLICATE

MONTANA WATER RESOURCES BOARD

RECEIVED

JUN 17 1967

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERCounty Purcell

0

Top of Ground

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

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0 To 12 Boulders

5 Ft Static Water Level

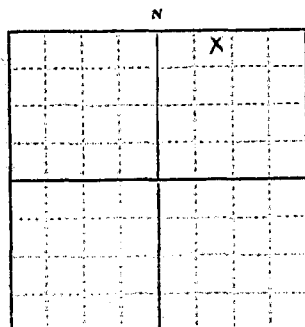
Owner Edward W. Daegen Address Mo. Land Mont.Driller Potts Drilling Address Bozeman Mont.

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

Date well started 12/1/1967 Date Completed 12/6/1967Type of well Drilled Equipment Used Cable Tools
(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"	6" I D	1	11			
6"	5" I D	11	30	4 1/2"	12	20



Lot 2
1/4 Sec. 4 T. 35 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 5 feet.

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

Pumping Water Level 7 feet at 50 gal. per minute.

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

How Tested DPWS Length of Test 3 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).....

150
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.

4/209

87208

STATE OF MO. VA. } ss.
County of Sw. ss. EL

Filed this _____ day

of June A. D. 1968

at 4:00 o'clock P.M.

M.P.

by Ch. Schubert County Clerk

Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—42329

File No.

T. 3 S R. 13 E

DUPLICATE

County SWEET GRASS

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 5000)

GRAVEL
CLAY
BOULDERS

7' ←

SAND
GRAVEL

19' ← BROWN CLAY
20' ← BOTTOM

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Mrs. ROBERT F. HANSEN Address MCLEOD

Driller JAMES L. McKEE Address BIG TIMBER

Date of Notice of appropriation of groundwater 6/30/68

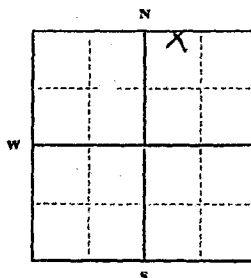
Date well started 10/24/66 Date completed 10/24/66

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)
4 3/4"	4" I.D.	0'	20'	TORCH CUT 1/8" X 9" X 12"	14'	20'



Static Water Level for non-flowing well 7' feet.

Shut-in Pressure for Flowing Well —

Pumping Water Level 14' feet

at 2.5 gal. per minute.

Discharge in gal. per min. of flowing well 25 GPM

How Tested PUMPED

Length of Test 3 HRS

Remarks: (Gravel packing, cementing, pack-

1/4 Sec. 4 T. 3 S R. 13 E, type of shutoff) NOT APPLICABLE
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).

NOT APPLICABLE

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.

32
Driller's License Number

James L. McKee
Driller's Signature

44, 313

87300

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

Filed this 3rd day
of July A. D. 1968
at 9:00 o'clock A. M.
Margaret Playmeyer
County Clerk
By _____ Deputy.

No. 18

36. 13E

County Sweet Grass

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 3 1962

Water Well Log

STATE ENGINEER

Owner Clark Eagle Address McLeod Mountain

Drillor _____ Address _____

Date Started _____ Date Completed _____

Location: Sec. 5 T. 38 R. 13E $\frac{1}{4}$ sec.

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐

Casing: 4 ft. to 5 ft. Type corr. steel Size 4'

Casing: 8 ft. to - ft. Type iron Size 4'

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 3 feet at 30 gal. per min.

How tested: PUMP

Length of test _____

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

Description of Material Drilled

Depth of feet

Long To

[illegible]

100

1992

Feed this

25

1625

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466
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A.D. 19 62

0.05

Lock 11. M

DICK ARMSTRONG

County Clerk

By William H. Thomas
Deputy.

16

3 South 13E

County Sanah Lines

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

RECEIVED
JAN 3 1962

well

0	1
5	

Owner Clark Eagle Address Butte Montana
Driller _____ Address _____
Date Started _____ Date Completed _____
Location: Sec. 5 T. 38 R. 13E sec. NW

STATE ENGINEER

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

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

Casing: 8 ft. to 9 ft. Type Cement Size 3' dia.

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: 3' feet.

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

Pumping water level 9 1/2' feet at 30 gal. per min.

How tested: pump

Length of test _____

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

(over)

Depth	Feet	Description of Material Drilled
	To	
	From	

17007

STATE OF MONTANA,
County of Sweet Grass.

Filed this 29 day
of Dec. A.D. 1941
at H. 59 o'clock P.M.
DICK ARMSTRONG
County Clerk.
By A. H. Lewis Deputy.

STATE OF MONTANA
County of Sweet Grass.
Filed this 29 day
of Dec A. D. 1916
at H. S. G. Clock P. M.
DICK ARMSTRONG
County Clerk.
By W. H. Thompson
Deputy.

NO. 10
9

1. 38 13E

County Sweet Grass

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 3 1932

Water Well Log

STATE ENGINEER

well

5	

Owner Clark Engle Address Butte Montana

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec. 5 T. 38 R. 13E sec. 14 N.W.

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

Water use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☒ Drainage ☐ Other _____

Casing: ~~10~~ ft. to ~~10~~ ft. Type _____ Size _____

Casing: ~~10~~ ft. to ~~10~~ ft. Type rock Size 5' dia

Casing: 8 ft. to 9 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: 3' water lb./sq. in. on: _____ (date)

Pumping water level 3 feet at 25 gal. per min.

How tested: _____

Length of test 1 hr pump

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

(over)

Log of Well

[illegible]

No. 18
0

well

1. *35-13E*

County: *Yellow*

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water well *for*

RECEIVED
JAN 13 1934

Owner *Clark Eagle*

Address *1400 1st St. Helena*

Driller

Address

Date Started Date Completed

Location: Sec. *5* T. *28* R. *13 1/2* sec. *S. 44*

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

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

Casing: *8* ft. to *10* ft. Type *Gorg. iron* Size *14" dia.*

Casing: *7* 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: *2 1/2* 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)

(300)

Log of Well

[illegible]

No. 18

W. 12th N. 12E

County Grant State Mont.

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Spring II
Water well Log

RECEIVED
JAN 3 1962

STATE ENGINEER

Owner Clark Cagle Address Butte, Mont.

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec. 6 T. 3 R. 13E sec. S. 40. 20 6

Type of well _____ Equipment used _____
(dug, drilled, or drilled) (Chain, 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)

Spring
Pumping water level _____ feet at 3 gal. per min. 5

How tested: _____

Length of test _____

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

(over)

Department of Internal Medicine

2004

ff

...

STATE OF MONTANA
County of Sweet Grass

Filed this 29

of 1942

2	500
---	-----

[illegible]

1. STORY ALWAYS FROM

By T. A. Thurn

--	--	--	--	--

No. 18

6
T. 35 S. 13 E.
County Silver Bow

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 31 1962

Spring No. 1
Water Well Log

STATE ENGINEER

or 6

Owner Chas. E. Egle Address Butte, Mont.
Driller _____ Address _____
Date Started _____ Date Completed _____
Location: Sec. T. 35 R. 13 $\frac{1}{4}$ sec. NW 5 & 6

Type of well _____ 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)

Spring flow
Pumping water level _____ feet at _____ gal. per min. 3 gal/min

How tested: _____

Length of test _____

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

(over)

Description of Material Drilled

Depth	feet
1	10
2	20
3	30
4	40
5	50
6	60
7	70
8	80
9	90
10	100
11	110
12	120
13	130
14	140
15	150
16	160
17	170
18	180
19	190
20	200
21	210
22	220
23	230
24	240
25	250
26	260
27	270
28	280
29	290
30	300
31	310
32	320
33	330
34	340
35	350
36	360
37	370
38	380
39	390
40	400
41	410
42	420
43	430
44	440
45	450
46	460
47	470
48	480
49	490
50	500
51	510
52	520
53	530
54	540
55	550
56	560
57	570
58	580
59	590
60	600
61	610
62	620
63	630
64	640
65	650
66	660
67	670
68	680
69	690
70	700
71	710
72	720
73	730
74	740
75	750
76	760
77	770
78	780
79	790
80	800
81	810
82	820
83	830
84	840
85	850
86	860
87	870
88	880
89	890
90	900
91	910
92	920
93	930
94	940
95	950
96	960
97	970
98	980
99	990
100	1000

FROM
TO

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

Filed this 27 day

196

At _____ o'clock _____ M

DICK JAMES FONG

By Arthur Chamberlain County Clerk.
Deputy.

100-50000-138

County Franklin

RECEIVED

Water Well Log

STATE ENGINEER

Owner *Robert H. [unclear]*

Address: *[illegible]*

Driller - 2000

Address

Date Started

Date Completed

Location: Sec. 9 T. 3 S. R. 13 E. sec. 14 T. 3 S. R. 13 E.

Type of well Oil and Gas Equipment used

(dug, driven, or drilled)

(Churn, drill, rotary, other)

Water use: Domestic

Domestic Municipal [REDACTED]

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	foot at	gal. per min.
10	10	10
20	20	20
30	30	30
40	40	40
50	50	50
60	60	60
70	70	70
80	80	80
90	90	90
100	100	100

How-tested:

Length of test

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

80 minus inches

3502

Depth From	feet To	Description of Material Drilled
		79633 STATE OF MONTANA, County of Sweet Grass. I hereby certify that No. <u>29</u> Date <u>Dec 30 1927</u> <u>Dick Armstrong</u> County Clerk. <i>(Signature)</i>

STATE OF MONTANA
County of Sweet Grass
I, David Ellis, 29
Dec 3, 1927.
DICK ARMSTRONG
County Clerk
at the same place and time.

No. 18

T. 35 R. 13E

County Sweet Grass

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 21 1906

Water Well Log

STATE ENGINEER

Owner Rasmusson Address the land, Mont

Drillor none Address _____

Date Started _____ Date Completed _____

Location: Sec. 9 T. 35 R. 13E sec. SW 1/4 NW 1/4 E 4

Type of well surface pump Equipment used _____
(dug, driver, 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 panning, cementing, packers, type of shut-off, depth of shut-off)

2 inches to 4 inches
40 inches

(over)

Depth From	foot To	Description of Material Drilled
		79634 STATE OF MONTANA } County of Sweet Grass. } ss. Filed this... 29 day of Dec A.D. 1961 at 3:29 o'clock P.M. DICK ARMSTRONG County Clerk Arthur Thompson Deputy

STATE OF MONTANA }
County of Sweet Grass. } ss.
Filed this 29 day
of Dec A. D. 19 61
at 3:29 o'clock P.M.
DICK ARMSTRONG
Notary Public
Arthur Thompson
Deputy.

No. 18

T-35 R-13E

Building located in the following County: Sancti Spiritus

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

Water Well Log

STATE ENGINEER

Owner: Rasmus Bae

Address: McLeod, Mont.

Driller: None

Address

Date Started

Date Completed

Location: Sec. 9 T. 35 R. 13E sec. 5 NE NE NW

Type of well

Spring
(dug, driven, or drilled)

Equipment used

(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" pipe line to ranch

70 minutes inches

(Stamp)

Description of Material Drilled

Depth 11 feet

From
To

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

Filed this 29

Filed this 29 of 1962

3.8 / A. D. 1946

DICK ARMSTRONG

County Clerk

Deputy

No. 18

35 138
County San Juan

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

RECEIVED
JAN 3 1932

STATE ENGINEER

Owner R. J. Jones Address Butte, Mont.
Driller W. J. Jones Address _____
Date Started _____ Date Completed _____
Location: Sec. 4 T. 30 R. 12 sec. NE 1/4

Type of well (dug, driven, or drilled) Equipment used (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 piling, cementing, packers, type of shut-off, depth of shut-off)

40 ft. driven

(over)

Inc. 10
0

35 138
County San Juan

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

RECEIVED
JAN 3 1962

STATE ENGINEER

Owner Ramsey Address Butte, Mont.

Driller John J. Ramsey Address Butte, Mont.

Date Started 1961 Date Completed 1961

Location: Sec. 7 T. 35 R. 138 sec. 4

Type of well (dug, driven or drilled) Equipment used (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 panning, cementing, packers, type of shut-off, depth of shut-off)

40 minutes

(over)