

Form No. 18
8-60

7

T. 21 R. 47

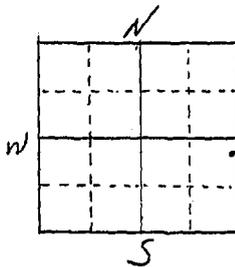
County McCone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 4 1962

STATE ENGINEER

WATER WELL LOG



Owner Julius Grindvold Address Circle Montana

~~Driller~~ Lesse Harry H. Haynie Address Circle Montana

Date Started _____ Date Completed _____

Location: Sec. 1 T. 21 R. 47 $\frac{1}{4}$ sec. SE

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

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

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

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

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

Type of screen or perforations _____

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

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

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

How tested: _____

Length of test _____

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

(over)

Form No. 18
8-60

3

T. 21 R. 47

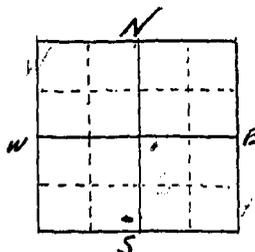
County McCone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 4 1962

STATE ENGINEER

WATER WELL LOG



Owner Harz H. Haynie Address Circle, Montana

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec. 9 T. 21 R. 47 $\frac{1}{4}$ sec. SW

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 0 ft. to 130 ft. Type Steel Size 6"

Casing: 0 ft. to 180 ft. Type Steel 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 _____ feet at _____ gal. per min.

How tested: _____

Length of test _____

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

(over)

Form No. 18
8-60

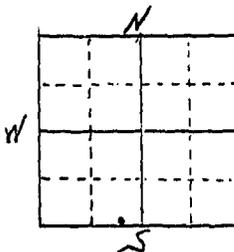
T. 21 R. 47

County McCone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

JAN 4 1962
STATE ENGINEER

WATER WELL LOG



Owner Hanz H. Haynie Address Circle Montana

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec. 3 T. 21 R. 47 $\frac{1}{4}$ sec. SW

Type of well bot sd Equipment used rotary bucket
(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)

(over)

T. _____ R. _____
County _____

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

RECEIVED
JAN 4 1952

Owner Frank & Maymie Address 1515 ENGINEER
Driller _____ Address _____
Date Started _____ Date Completed _____
Location: Sec. 8 T. 21 R. 47 1/4 sec. SE

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

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

Casing: 0 ft. to 25 ft. Type wood Size 18"
Casing: _____ ft. to _____ ft. Type _____ Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____

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

Type of screen or perforations: _____

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

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

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

How tested: _____

Length of test: _____

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

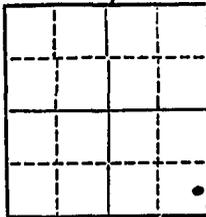
(over)

T. 21 R. 47
County Madison

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

RECEIVED
JAN 4 1962



Owner Hans H. Haynie Address STATE ENGINEER 273rd
Driller _____ Address _____
Date Started _____ Date Completed _____
Location: Sec. 8 T. 21 R. 47 ¼ sec. SE

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

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

Casing: 2 ft. to 25 ft. Type wood Size 18"

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

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

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

Type of screen or perforations: _____

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

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

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

How tested: _____

Length of test: _____

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

(over)

Form No. 18
8-60

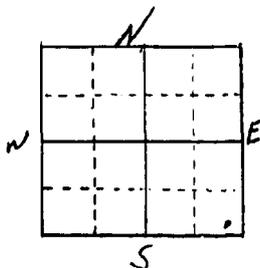
T. 21 R. 47
County McCone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 4 1962

WATER WELL LOG

STATE ENGINEER



Owner Hanz H. Haynie Address Circle Montana
Driller _____ Address _____
Date Started _____ Date Completed _____
Location: Sec. 8 T. 21 R. 47 $\frac{1}{4}$ sec. S.E.

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: _____ ft. to _____ ft. Type Wood 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: _____
(Note)

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)

T. 21 R. 47

County Mc Come

154

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
APR 7 1961

WATER WELL LOG

STATE ENGINEER

Owner Clayton Nerud Address Circle, Montana

Driller Albert & Edward Brost Address Brockway, Montana

Date Started March 22, 1961 Date Completed March 30, 1961

Location: Sec. 14 T. 21 R. 47 1/4 sec. 5.12 1/4

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

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

Casing: top _____ ft. to 190' _____ ft. Type Steel Size 4"

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

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

Perforated or Screened: Ft. 170' to ft. 190' Ft. _____ to ft. _____

Type of screen or perforations Holes in casing

Static Water level, for non-flowing well: 70' Feet from the top _____ feet

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

Pumping water level 10.5' feet at 20 gal. per min

How tested: Baler

Length of test 1/2 hour

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

Gravel packed the water vain

(over)

T. 21 R. 47 17

County McCone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

STATE ENGINEER

WATER WELL LOG

Owner Marvin Haynie Address Circle

Driller unknown Address same

Date Started unknown Date Completed same

Location: Sec. 17 T. 21 R. 47 1/4 sec. North East

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

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

Casing: 20 ft. to 44 ft. Type Iron Size 5"

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

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

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

Type of screen or perforations _____

Static Water level, for non-flowing well: 18' feet.

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

Pumping water level 18' feet at unknown gal. per min. same

How tested: _____

Length of test _____

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

gravel packing

(over)

T 21 R 47 17
County McCone

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

WATER WELL LOG

RECEIVED

STATE ENGINEER

Owner Martin Hayes Address Circle
Driller Unknown Address same
Date Started Unknown Date Completed same
Location: Sec 17 T 21 R 47 & Sec Southwest

Type of Well Bored Equipment Used Brine rig
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

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

Casing: None ft. to _____ ft. Type _____ Size _____

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

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

Perforated or Screened: Ft None to ft _____ Ft _____ to ft _____

Type of screen or perforations None

Static Water level, for non-flowing well: 35' feet

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

Pumping water level 35' feet at unknown gal. per min same

How tested: _____

Length of test _____

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

None

(over)

T. 21 R. 47 17
County McCone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

Owner Martin Haynie Address Circle
Driller Unknown Address same
Date Started Unknown Date Completed same
Location: Sec. 17 T. 21 R. 47 1/4 sec. South East

Type of well Bored Equipment used bing rig
(Dug, driven, bored, or drilled) (Cable drill, rotary, other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other:

Casing: none ft. to ft. Type Size

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. none to ft. Ft. to ft.

Type of screen or perforations none

Static Water level, for non-flowing well: 29' feet.

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

Pumping water level 29' feet at unknown gal. per min. same

How tested:

Length of test:

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

none
.....
.....
.....

(over)

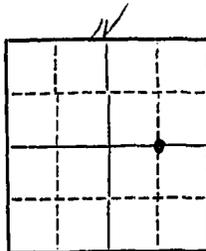
T. 21 R. 47 21
County McCone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER



Owner Marrin Haymie Address Cuba
Driller Daniel Haggerty Address Lindsay
Date Started 11/7/61 Date Completed 11/10/61
Location: Sec. 21 T. 21 R. 47 1/4 sec. North East

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

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

Casing: 0 ft. to 113 ft. Type iron Size 4"
Casing: _____ ft. to _____ ft. Type _____ Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 92 to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations slit

Static Water level, for non-flowing well: 50' feet.

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

Pumping water level 50' feet at 7 gal. per min. 1

How tested: bail

Length of test 45 min

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	20	sand
20	40	sand + some rock
40	80	sand rock
80	113	sand rocks + coal

123435

Water Well Log # 179

State of Montana } ss.
 County of McCone }

Office of Clerk and Recorder.

Filed this 29th day of

December A. D. 19 61

at 3:18 o'clock P. M.

[Signature]
 Clerk and Recorder

By _____ Deputy

Fee... NONE.

Form No. 18
8-60

23

T. 21 R. 47

County McCone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

Owner Elmer Buell Address Circle, Montana

Driller Albert A Edward Drent Address Brookway, Montana

Date Started September 5, 1961 Date Completed Sept 15, 1961

Location: Sec. 25 T. 21 R. 47 $\frac{1}{4}$ sec. S.W.

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: Top ft. to 155 ft. Type Steel Size 4 in.

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

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

Perforated or Screened: Ft. 174 to ft. 143 . Ft. _____ to ft. _____

Type of screen or perforations Slots in casing

Static Water level, for non-flowing well: 12 feet from the top _____ feet.

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

Pumping water level 104 feet at 12 gal. per min. 30

How tested: Water

Length of test $\frac{1}{2}$ hour

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

Gravel packed water vein

(over)

File No.

T. 21 N. R. 48

DUPLICATE

County M^o Cone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

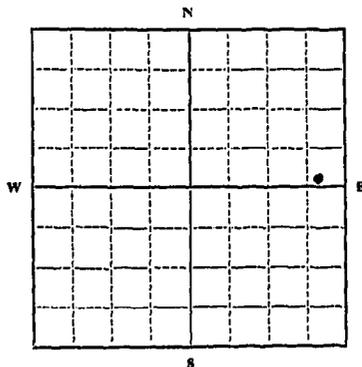
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 23 1963

STATE ENGINEER

1. Mrs Bertha Merry, of Circle
(Name of Appropriator) (Address) (Town)
County of M^o Cone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



of 1/4 NE Sec 2 T. 21 R. 48

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

2. The beneficial use on which the claim is based. For use of house and watering stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Before the '30's
Every day. Don't know the year
4. The amount of groundwater claimed (in miner's inches or gallons per minute). It is a depression. I would pump all day with a moderate wind otherwise would pump dry.
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. by windmill & water system piped to house
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Don't remember
8. The depth of water table. The well is 7.9 ft deep. don't 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. Bored well. 18 in. tile casing.
10. The estimated amount of groundwater withdrawn each year. Don't know
11. The log of formations encountered in the drilling of each well if available. Don't know
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 Mrs Bertha Merry

Date Dec 19, 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.

11591

127015

Water Well Log # 291.

State of Michigan }
County of Macomb } ss.

Office of Clerk and Recorder.

Filed this 19th day of

December A. D., 1963

at 2:35 o'clock P. M.

Dwight E. Lippel
Clerk and Recorder

By _____ Deputy

Fee \$2.00

GW 2

File No. 248

DUPLICATE

T 21 N 48 E 22
R 48

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CONTROL
OFFICE OF STATE ENGINEER

RECEIVED
NOV 20 1963

Notice of Completion of Groundwater Appropriation by Means of Well ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

- Top of Ground (Elev. above sea level... 2500)
- 45 Drift
- 55 Grey
- 70 Sand
- 89 Grey
- 91 Rock
- 93 Black
- 98 Coal
- 100 Grey
- 109 Sand
- 120 Grey
- 126 Sand
- 131 Sand
- 134 Rock
- 157 Grey
- 171 Sand
- 173 White
- 180 Sand
- 197 Grey
- 200 Rock
- 207 Grey
- 213 Brown
- 220 Grey
- 230 Sand
- 236 Water Sand
- 237 Coal

Owner Herachel Morry Address Circle, Montana

Driller Boone Whitmer & Sons Address Wolf Point, Montana

Date of Notice of Appropriation of Groundwater August 24, 1963

Date well started August 17, 1963 Date Completed August 24, 1963

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)
5-inch	5 ID 1 1/4"	0	221			

Static Water Level for non-flowing Well 98 feet.

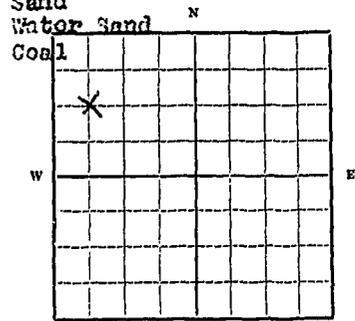
Shut-in Pressure for Flowing Well

Pumping Water Level 200 feet at 5 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer Length of Test 4 hours

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



NW 1/4 Sec 12 T 21 R 48

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

Show exact depth of bottom.

83
Driller's License Number

[Signature]
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.

7356

DOC. NO. 126788
WATER WELL LOG FILE NO. 248

HERSCHEL MERRY

TO

THE PUBLIC

State of Montana }
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 18th day of

November A. D. 1963

at 12:30 o'clock p. M.

Dwight L. Lippel
Clerk and Recorder

By _____ Deputy

Fee \$ 2.00

File No. 335

T. 21N R. 48E

DUPLICATE

County McCone

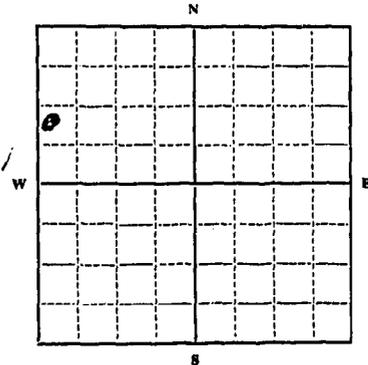
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Harlan L. Stone of 321-2nd St. Sidney
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NW 1/4 Sec. 28 T. 21N R. 48E

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1914-1936

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 8-10 gal per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pump with engine or windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1914

8. The depth of water table. 28 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 24 inch bored well with wood casing

10. The estimated amount of groundwater withdrawn each year. 270,000

11. The log of formations encountered in the drilling of each well if available. Log not available

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None

Signature of Owner. Harlan L. Stone

Date. Dec. 27 1963

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

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

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

DOC. NO. 127986

WATER WELL LOG FILE NO. 335

HARLAN L. STONE

TO

THE PUBLIC

STATE OF MONTANA)
)SS,
COUNTY OF McCONE)

OFFICE OF COUNTY CLERK & RECORDER

Filed this 27th day of Dec. 1963, A.D.

At 9:50 o'clock a.m.

Henry E. Pipe
.....
COUNTY CLERK

FEE \$ 2.00

DEC 27 1963
MONTANA
COUNTY CLERK

File No. 528

T. 21N R. 49E

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

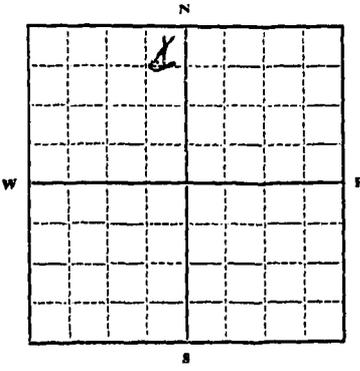
RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Francis D. Kelly of Circle Montana
(Name of Appropriator) (Address) (Town)
County of McCone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NW Sec. 6 T. 21 N. R. 49 E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Nov. 1961
In full + continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 37.11 gpm 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
N/A

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Hydrant Oct 1961

8. The depth of water table 28'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Depth 28' casing 6"

10. The estimated amount of groundwater withdrawn each year 200,000 gpm

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record
None

Signature of Owner Francis D. Kelly
Date 12/31/63

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

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

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

Doc. No.

127289

Water Well Log #528

Francis D. Kelly

TO

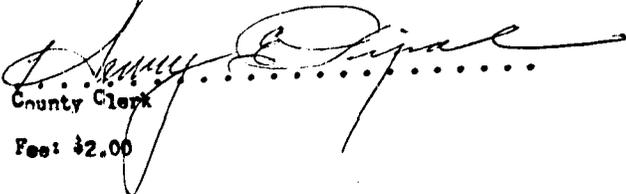
The Public

State of Montana }
County of McCone } ss

OFFICE OF COUNTY CLERK & RECORDER

Filed this 2nd day of January, 1964, A. D.,

at 8:19 A. M.


.....
County Clerk

Fee: \$2.00

OR

Approved Stock Form—State Publishing Co., Helena, Montana—3646

File No. 466

T. 22 R. 48

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

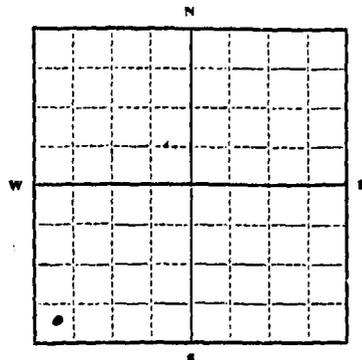
RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Marvel Hoyle of Circle Mont.
(Name of Appropriator) (Address) (Town)
County of McCone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 18 T. 22 R. 48

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 House & Livestock Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1948 every day

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 8 gal per min.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Erigate Lakewood Farm Only.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Jet Pump to Pump to hand side stock

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well Completed in 1948

8. The depth of water table. 60 ft. below the ground.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Well has 12" iron steel casing with pressure pump installed

10. The estimated amount of groundwater withdrawn each year. 13,977.60

11. The log of formations encountered in the drilling of each well if available. unable to furnish log formation on this well

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. No Record Available on this

Signature of Owner Marvel Hoyle

Date 12-31-63

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

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

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

36437

127225

DOC. NO.

WATER WILL LOG FILE NO. 466

MARVEL VONCKLE

TO

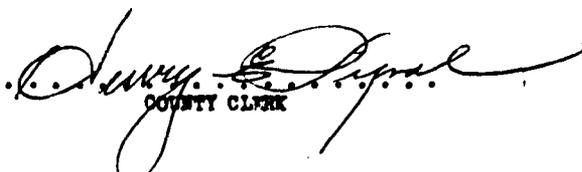
THE PUBLIC

STATE OF MONTANA)
)SS
COUNTY OF McCONE)

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of Dec., 1963 A.D.

at 8:10 o'clock, a.m.


COUNTY CLERK

FE: \$2.00

File No. 356

T. 21 N 49 E

DUPLICATE

County ...

RECEIVED
JAN 16 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

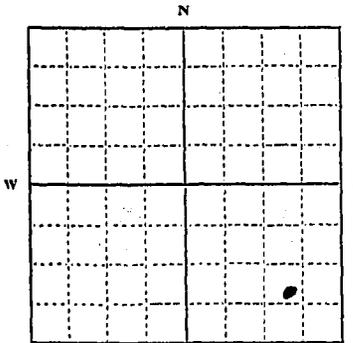
Date of Appropriation of Groundwater.....

Owner Dudley C. Stone Address Sidney 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. Natural Spring

Runs down Corch to Redwater

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

estimate approximate lengths of periods of use. used

year Round for stock water

and at one time used for

horse water approximate flow

of 20 gal per minute

Signature of Owner Dudley C. Stone

Date Dec 27, 63

SE 1/4 SE Sec. 26 T21 R49
Indicate point of appropriation and place of use, if possible.

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.

127107

DOC. NO.

WATER WELL LOG FILE NO. 356

DUDLEY C. STONE

TO

THE PUBLIC

STATE OF MONTANA)
)SS,
COUNTY OF McCONE)

OFFICE OF COUNTY CLERK & RECORDER.

Filed this 27th day of Dec. 1963, A.D.

at 11:35 o'clock a.m.

Dudley C. Stone
.....
COUNTY CLERK

FEE \$ 2.00

RECORDED
INDEXED
DEC 27 1963
MONTANA STATE

JW 3

Approved Stock Form—State Publishing Co., Helena, Montana—2199

File No. 336

T. 21 N. R. 4 E. 34

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

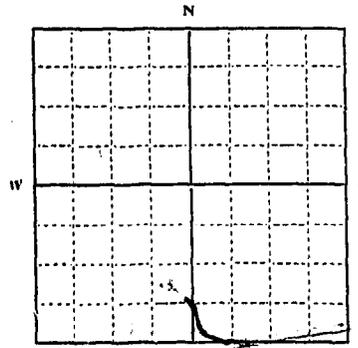
Date of Appropriation of Groundwater.....

Owner Dudley C. Stone Address Sidney 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. Natural Spring

flows to Redwater and continues through south line of 1/2 of sec 34, 21, 49 R

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.....

Stock water use

S. 1/2 Sec. 34, T. 21, R. 49
Indicate point of appropriation and place of use, if possible.

Signature of Owner Dudley C. Stone

Date Dec 27 1963

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

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

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

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

File No. 336

T 21 R 49

DUPLICATE

County h^c Cou

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

Owner Dudley C Stone Address Sidney 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. natural Spring

flows to Redwater creek
continues through south
line of 1/2 of sec 34, 21, 49 R

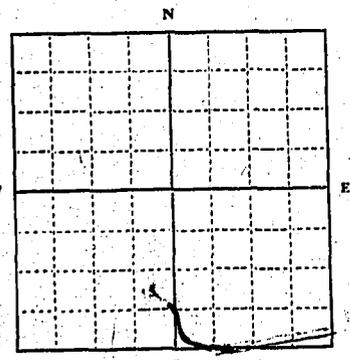
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.....

stock water use

Signature of Owner Dudley C Stone

Date Dec 27 1963



SW 1/4 Sec 34 T21 R49

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

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.

127087

DCC. NO.

WATER WELL LOG FILE NO. 336

DUDLEY C. STONE

TO

THE PUBLIC

STATE OF MONTANA)
)SS.
COUNTY OF McCONE)

OFFICE OF COUNTY CLERK & RECORDER

Filed this 27th day of Dec. 1963, A.D.

at 9:55 o'clock a.m.

D. Seivoy & Sigal
COUNTY CLERK

FEE \$ 2.00

RECORDED
INDEXED
DEC 27 1963
CIVIL ENGINEER

RECEIVED

File No.

T. 20 N R. 43 E N.P.M.

TRIPPLICATE

OCT 2 1967

County McCone

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

10	Top of Ground Surface Soil
20	(Elev. above sea level 2490)
30	Clay, brown
40	Shale, Gray
50	Shale, gray, hard
60	
70	Shale, gray, sandy
80	Shale, gray, hard
90	Coal, black
100	Shale & coal
110	
120	Shale, gray
130	Shale, gray, sandy
140	Coal, black
150	
160	
170	Shale, gray, sandy
180	
190	Sandstone, gray (1 gpm water)
200	
210	Static Water Level
220	
230	Shale, gray
240	Shale, sandy (1gpm water)
250	Shale & coal
260	Shale, gray, sandy
270	Sandy, dark, water
280	Bottom of hole - 282'

Nelson Well
M2-R-2182

Show exact depth of bottom.

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Bureau of Land Management Address Miles City, Montana

Driller J. R. Billmeyer Address Hogeland, Mont.

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

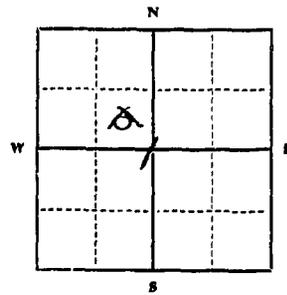
Date well started July 9, 1967 Date completed July 13, 1967

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7 7/8		0	140			
6		140	282	None		
	6" I.D.	0	272	Gravel Pack		



Static Water Level for non-flowing well 210 feet.
Shut-in Pressure for Flowing Well.....
Pumping Water Level 230 feet
at 12 gal. per minute.
Discharge in gal. per min. of flowing well

How Tested Bailing
Length of Test 1 Hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff)
Gravel pack from 282' to 263'

SE 1/4 NW Sec. 1 T. 20N R. 43E
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).

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.

710 5
Driller's License Number

J.R. Billmeyer
Driller's Signature

42,352

132994

Water Well Log #649

State of Montana } ss.
County of McCone }

Office of Clerk and Recorder.

Filed this 29th day of
September A. D. 1957
at 10:00 o'clock A. M.

Gloria L. Brennan
Clerk and Recorder

By *Allen E. Hallem*
Deputy

Fee \$2.00

GW

Approved Stock Form—State Publishing Co., Helena, Montana—38496

File No. 469

T. 20 N. R. 45 East. M. P. 11

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

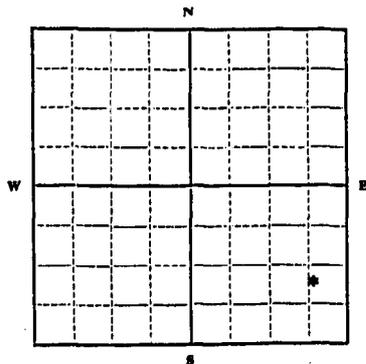
RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John Veitasa of Box 197 Circle
(Name of Appropriator) (Address) (Town)
County of McCone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SE 1/4 Sec. 26, T. 20N. R. 45E. 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.....
Livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
1931

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
1931

8. The depth of water table.....
30 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
Dug well - 4 feet in diameter - 35 feet deep

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

11. The log of formations encountered in the drilling of each well if available.....
Clay and blue clay

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

Signature of Owner John Veitasa

Date December 31st, 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.

36440

DOC. NO.

127228

WATER WELL LOG FILE NO. 469

JOHN VEJTASA

TO

THE PUBLIC

STATE OF MONTANA)
)SS
COUNTY OF McCONE)

OFFICE OF COUNTY CLERK & RECORDER

Filed this 31st day of Dec., 1963 A.D.

at 8:13 o'clock, a.m.

Henry B. Pipal
.....
COUNTY CLERK

FEE: \$2.00

File No. _____

RECEIVED

T 20 R 44

TRIPPLICATE

NOV 17 1967

County 22 CONN

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

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



1 top soil
23 shale
20 yellow clay
6 shale
26 gumbo
6 river sand
2 gravel water in cap

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

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

Owner John Collins Address Broadway, Montana

Driller Rex C. Jones, Jr. Address Terry, Montana

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

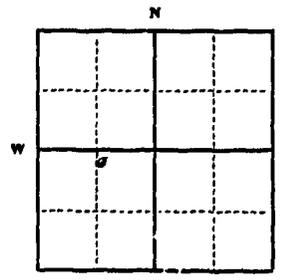
Date well started 11/1/67 Date completed 11/9/67

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	From (Feet)	To (Feet)
7 3/4	7 02	0	22	None		



Static Water Level for non-flowing well 75 feet.

Shut-in Pressure for Flowing Well.....
Pumping Water Level 66 feet

at 4 gal. per minute.
Discharge in gal. per min. of flowing well.....

How Tested bailed
Length of Test 1 hr.

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

NE 1/4 Sec. 9, T. 20 R. 44
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).

52 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

Rex C. Jones, Jr.
Driller's Signature.

42, 566

133184

WATER WELL LOG # 651.

State of Montana }
County of McCone } ss

Office of Clerk and Recorder.

Filed this 20th day of
November A. D. 1967

at 4:25 o'clock P. M.

Gloria M. Brennan
Clerk and Recorder

By *Alice E. Hallum*
Deputy

Fee \$2.00

GWS

File No. 374

T. 20 N. E R. 44

DUPLICATE

County McCone

RECEIVED
JAN 16 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater December 27, 1963

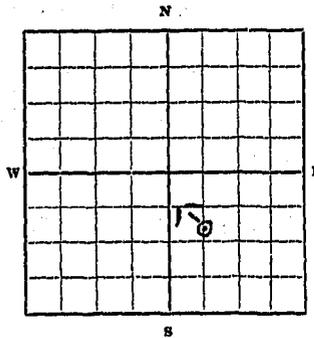
Owner Drayer Bros. Inc Address Circle, Montana

Contractor (if any) None

Address of Contractor None

consists of natural seepage & flow
Date Started unknown Date Completed

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



NW 1/4 Sec. 15 T. 20 R. 45

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 continuous

use for livestock watering and hayland irrigation; amount of water flowing is uncertain, and varies but all is used. Will positively water 5,000 plus head ewes daily during peak of any dry season.

Signature of Owner Rafael C. Drayer Drayer Bros. Inc.
President,
Date December 27, 1963

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

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

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

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

Doc. No. 127133

Water Well Log #374

Dreyer Bros., Inc.

TO

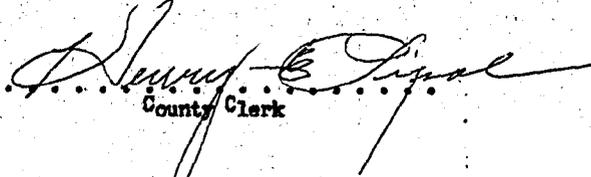
The Public

State Of Montana }
County of McCone } ss

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of December, 1963 A. D.,

at 12:36 P. M.


County Clerk

Fee: \$2.00

GWS

File No. 373

T. 20 N. R. 44 E. 15

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater December 27, 1963

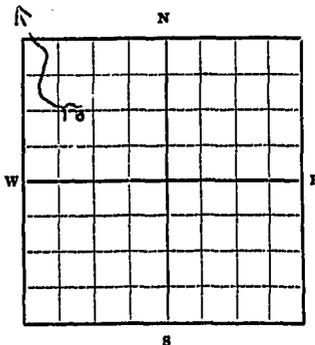
Owner Dreyer Bros. Inc Address Circle, Montana

Contractor (if any) None

Address of Contractor None
consists of natural seepage & flow

Date Started Unknown / Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural flow from the surface and sub-irrigation, (excavations 6" to 8").



SW 1/4 Nw 1/4 Sec. 15 T. 20 R. 44

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 intermit-

tent estimate approximate lengths of periods of use continuous
use for livestock watering and hayland irrigation;
amount of water flowing is uncertain, and varies
but all is used. Will water 5000 head ewes/daily
peak of any dry season.

Signature of Owner Dreyer Bros. Inc.
President

Date December 27, 1963

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

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

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

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

GW3

File No. 373

T. 20 N R. 44 E

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

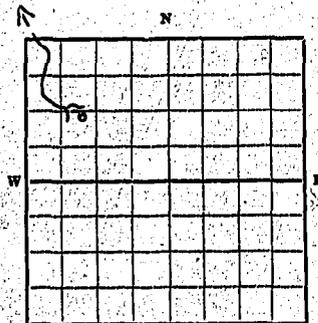
RECEIVED
JAN 16 1964

STATE ENGINEER
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater December 27, 1963Owner Dreyer Bros. Inc Address Circle, MontanaContractor (if any) NoneAddress of Contractor NoneDate Started Unknown / None Date Completed consists of natural seepage & flow

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural flow from the surface and sub-irrigation. (excavations 6" to 8").



SW 1/4 NW 1/4 Sec. 15 T. 20 R. 44

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 continuoususe for livestock watering and hayland irrigation;

Amount of water flowing is uncertain, and varies daily but all is used. Will water 5000 head ewes/during peak of any dry season.

Signature of Owner Royal T. Dreyer
Dreyer Bros. Inc.
PresidentDate December 27, 1963

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

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

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

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

36344

Doc. No. 127132

Water Well Log No. 373

Dreyer Bros., Inc.

TO

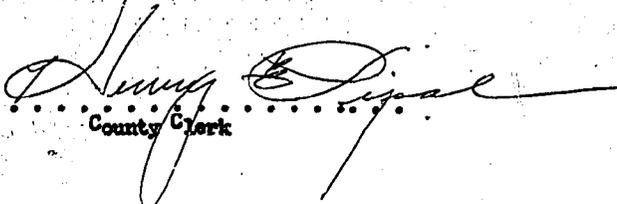
The Public

State of Montana }
County of McCone } ss

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of December, 1963 A. D.,

at 12:35 P. M.


.....
County Clerk

Fee: \$2.00

GW 3

File No. 375

T. 20 N. W R. 44

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964

Notice of Completion of Groundwater Appropriation Without Well STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater December 27, 1963

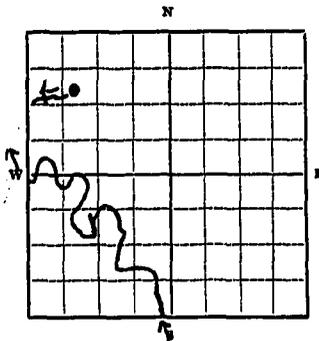
Owner Drayer Bros. Inc. Address Circle, Montana

Contractor (if any) None

Address of Contractor None

Date Started Unknown Date Completed consists of natural seepage & flow.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural flow from the surface and sub-irrigation. Springs intermittently and continuously in present Nelson Creek Channel, live stream; as shown on map.



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

..... 1/4 W 1 Sec. 25 T. 20 R. 44
Indicate point of appropriation and place of use, if possible.

use for livestock watering and hayland irrigation; amount of water flowing is uncertain, and varies but all is used. Will positively water 8,000 plus head ewes daily during peak of any dry season.

Signature of Owner Ralph E. Drayer Drayer Bros. Inc.
President
Date December 27, 1963

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

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

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

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

Doc. No. 127134

Water Well Log # 375

Dreyer Bros., Inc.

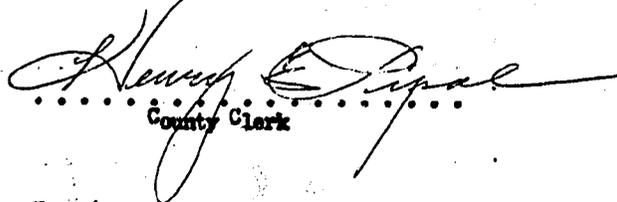
TO

The Public

State of Montana }
County of McCone } ss

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of September, 1963
A. D., at 12:37 P. M.


.....
County Clerk

Fee: \$2.00

Doc. No. 127135

Water Well Log # 376

Dreyer Bros., Inc.

TO

The Public

State of Montana }
County of McCone } 25

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of December, 1963 A. D.,

at 12:38 P. M.

Henry E. Papp
County Clerk

Fee: \$2.00

File No.

T. 20N R. 44E

DUPLICATE

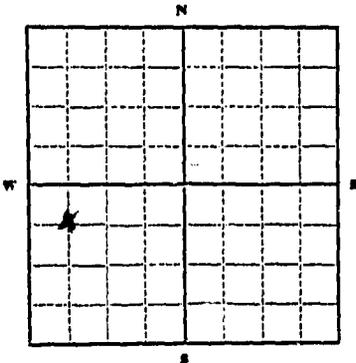
County. McCone

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

RECEIVED
 DEC 16 1963
 STATE ENGINEER

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

1. Northern Pacific Railway Company of N.P. Office Bldg., St. Paul, Minn.
 (Name of Appropriator) (Address) (Town)
 County of Ramsey State of Minnesota
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 27 T20N R. 44E

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 livestock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Since 1958. (Continuously)
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 7 gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Completed June 20, 1958.
8. The depth of water table. 2 to 3 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 221 feet deep - 5-inch casing.
10. The estimated amount of groundwater withdrawn each year.
11. The log of formations encountered in the drilling of each well if available. Yellow clay - 0-60'; 60-70' gray clay; coal 70-78'; gray clay 78-80'; coal 80-109'; sand 109-114' (1 gal. water); gray clay 114-140'; sand 140-145' (2 gal. water); gray clay 145-180'; dry sand 180'-188'; gray clay 188-192'; coal 192-205'; gray clay 205-212'; sand 212-221' (7 gal. water).
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. No other information available.

Northern Pacific Railway Company
 Signature of Owner... By L. H. Lehman
 District Supervisor, Crat. & Cult.
 Date... December 11th, 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.

126957

Water Well Log #272

State of Montana }
County of Cascade } ss.

Clerk of Court and Recorder.

Filed this 13th day of

December A. D. 1963

at 8:50 o'clock A. M.

Henry C. Sigel
Clerk and Recorder

By _____ Deputy

Fee \$2.00