

DOC. NO.

127229

WATER WELL LOG FILE NO. 470

EUGENE E. VEJTASA

TO

THE PUBLIC

STATE OF MONTANA)
)SS
COUNTY OF McCONE)

OFFICE OF COUNTY CLERK & RECORDER

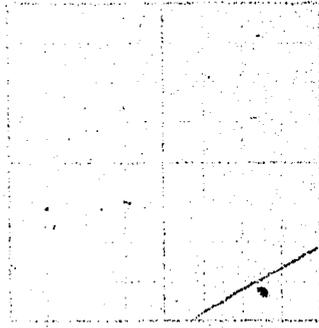
Filed this 31st day of Dec., 1963 A.D.

at 8:14 o'clock, A.M.

Eugene E. Vejtasa
COUNTY CLERK

FEE: \$2.00

RECORDED
INDEXED
DEC 31 1963
COUNTY CLERK



127229

127229

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—40472

File No. 290

T 15 N R 48

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Glenn Quick Address Circle, Montana

Driller Daniel G. Haggerty Address Lindsay, Montana

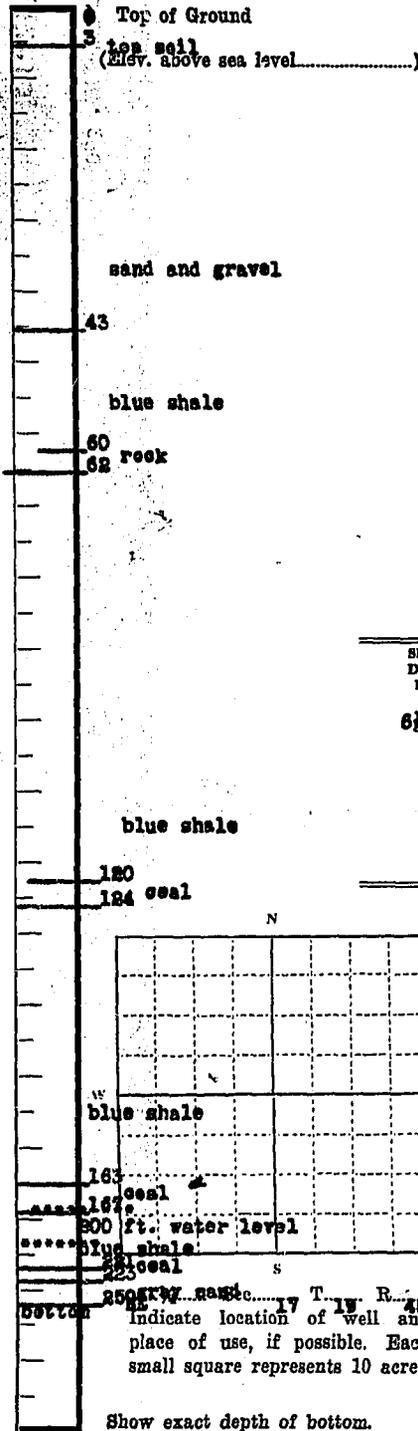
Date of Notice of Appropriation of Groundwater.....

Date well started Nov. 12, 1963 Date Completed Nov. 21, 1963

Type of well drilled Equipment Used cable tool drill
(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 1/2"	5" 10# per ft.	0	250	1/8" slots	235	250

Static Water Level for non-flowing Well..... 50 feet.

Shut-in Pressure for Flowing Well..... not applicable

Pumping Water Level..... 225 feet at..... 15 gal. per minute.

Discharge in gal. per min. of flowing well..... not applicable

How Tested..... bailed Length of Test..... 1 1/2 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).....

outside gravel packed

Driller's License Number 13

Driller's Signature Daniel G. Haggerty

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.

11590

DOC. NO. 126992
WATER WELL LOG FILE NO. 290

GLENN QUICK
TO
THE PUBLIC

STATE OF MONTANA)
)SS
COUNTY OF McCONE)

OFFICE OF CLERK AND RECORDER.

FILED this 17th day of December 1963

at 1:15 o'clock p.m.

Henry D. ...
Clerk & Recorder

FEE \$ 2.00

RECORDED
CIVIL ENGINEER

T. 19 R. 48 19

County. Mc. Cona RECEIVED APR 7 1961

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner. Ernie Strid Address Circle, Montana

Driller. Albert & Edward Brost Address Brockway, Montana

Date Started February 10, 1961 Date Completed February 18, 1961

Location: Sec. 19 T. 19 R. 48 1/4 sec. SE 1/4

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

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

Casing: Top ft. to 16 ft. Type Galvanized Size 4"

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

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

Perforated or Screened: Ft. 14.5' to ft. 16.5' Ft. to ft.

Type of screen or perforations Holes in casing

Static Water level, for non-flowing well: 92' feet from the top feet.

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

Pumping water level 125' 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 via

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
top	15'	Yellow sandy dirt
15'	25'	Sand
25'	26'	Blue sandy loam
26'	28'	Coal
28'	35'	Sand
35'	39'	Coal
39'	44'	Blue sandy loam
44'	46'	Coal
46'	55'	Blue sandy loam
55'	60'	Coal
60'	66'	Sand
66'	68'	Blue sandy loam
68'	82'	Sand
82'	92'	Blue clay
92'	95'	Coal
95'	110'	Blue sandy loam
110'	120'	Sand
120'	126'	Blue sandy loam
126'	136'	Water bearing sand
136'	148'	Blue sandy loam
148'	153'	Blue clay
153'	165'	Water bearing sand
165'	167'	Blue clay

DOG. NO. **122178**

WATER WELL LOG FILE NO. 52

State of Montana } ss.
County of McCone }

Office of Clerk and Recorder.

Filed this 5th day of
April A. D., 1961

at 3:30 o'clock P. M.

[Signature]
Clerk and Recorder

By _____ Deputy

Fee None

File No. 596

T. 19 N. R. 48 E.

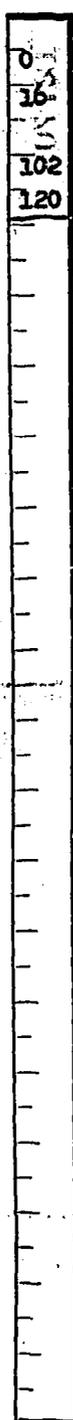
DUPLICATE

McGone

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 26 1964



Top of Ground (Elev. above sea level 2100)
Drift
Grey Sand

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner G. G. Wagner Address Circle, Montana
Driller Boone Whitmer & Sons Address Wolf Point, Montana

Date of Notice of Appropriation of Groundwater January 16, 1964
Date well started Jan 16, 1964 Date Completed Jan 20, 1964

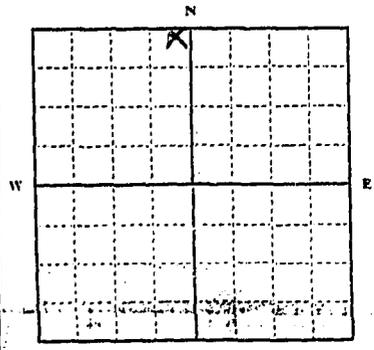
Type of well Drilled Equipment Used Cable Tool
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Mesh Size	From (Feet)	To (Feet)
5-inch	5" 14#	0	102			

Static Water Level for non-flowing Well 15 feet.
Shut-in Pressure for Flowing Well _____
Pumping Water Level 100 feet at 7 gal. per minute.
Discharge in gal. per min. of flowing well _____
How Tested Baller Length of Test 20 min.



NE 1/4 Sec. 24 T. 19 R. 48
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

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)

Gravel Pack Screen 102 to 120 feet
Replacing well drilled in 1948 - April

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

35516

DOC. NO. 127705

WATER WELL LOG FILE NO. 596

G. G. WAGNER

TO

THE PUBLIC

State of Montana
County of McCone

Office of Clerk and Recorder.

Filed this 20th day of

March A. D. 1964

at 12:10 o'clock P. M.

[Handwritten Signature]

Clerk and Recorder

By _____ Deputy

Fee \$ 2.00

File No. 468

T 19 N. R 48 East, N.P.M.

DUPLICATE

County McCone

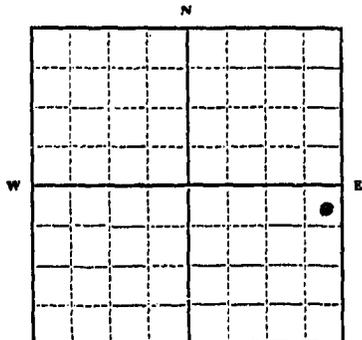
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964

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

STATE ENGINEER

1. Eugene E. 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:



All those portions of SW 1/4, SE 1/4, NE 1/4
of Section 50, Twp. 19 North, Range 48 East,
which lie 1/4 South & East of the R/W of N. P. Railway

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

2. The beneficial use on which the claim is based Livestock and
irrigation of trees/

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been. 1948 - Hens - Sheep - poultry
and livestock.

4. The amount of groundwater claimed (~~in cubic feet~~ or gallons
per minute) 5 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
(Same as above)

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater Year 1948

8. The depth of water table 50 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater Drilled well - 6 inches indiameter and fifty feet
deep.

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

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

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 N.P. Record

Signature of Owner Eugene E. 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.

DOC. NO. 127227

WATER WELL LOG FILE NO. 468

HUGGEE E. VEJTASA

TO

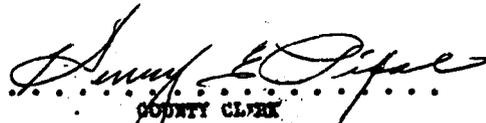
THE PUBLIC

STATE OF MONTANA)
)SS
COUNTY OF MCGONE)

OFFICE OF COUNTY CLERK & RECORDER

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

at 8:12 o'clock, a.m.


.....
COUNTY CLERK

FEE: \$2.00

File No. _____

T 19 R 49

TRIPPLICATE

County McCONE

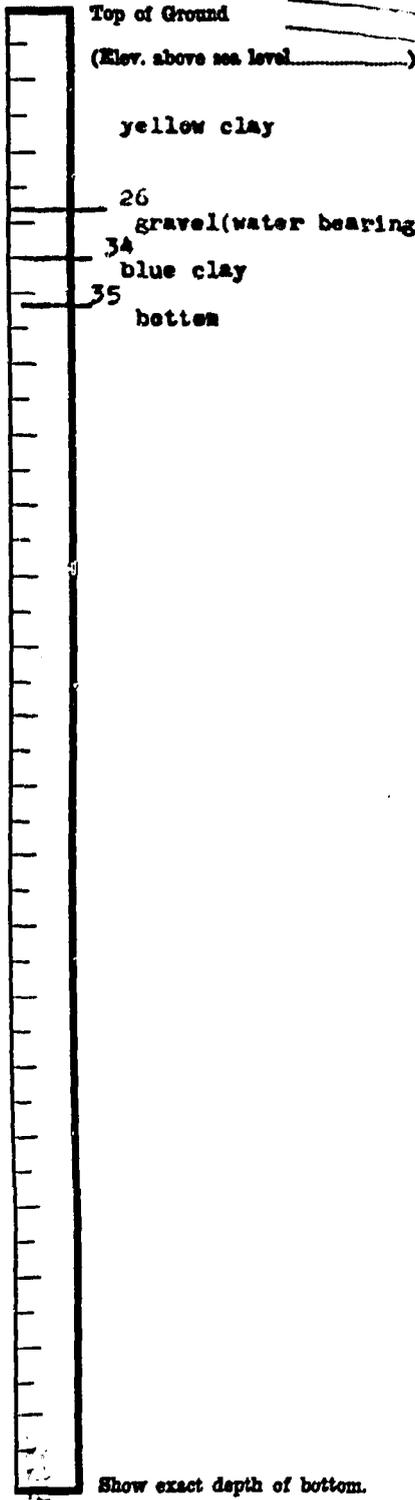
LOG

OCT 28 1968

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

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 Jensen Brothers Address Circle, Montana

Driller Daniel S. Hargerty Address Lindsay, Montana

Date of Notice of appropriation of groundwater 10/2/68

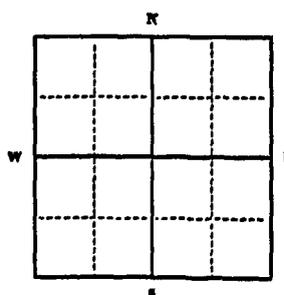
Date well started 9/28/68 Date completed 9/30/68

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)
5 1/2"	5" 10 16#	0	35	1/8" slots	29	35



Static Water Level for non-flowing well 20 feet.

Shut-in Pressure for Flowing Well not ap

Pumping Water Level 28 feet at 5 gal. per minute.

Discharge in gal. per min. of flowing well not applicable

How Tested bailed & pumped

Length of Test 4 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) none

1/4 Sec 3 T 19 R 49
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

casing driven

(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.

13
Driller's License Number

Daniel S. Hargerty
Driller's Signature.

44, 719

File No. _____

MONTANA WATER RESOURCES BOARD

T 19 R 49

TRIPPLICATE

RECEIVED

County McCone

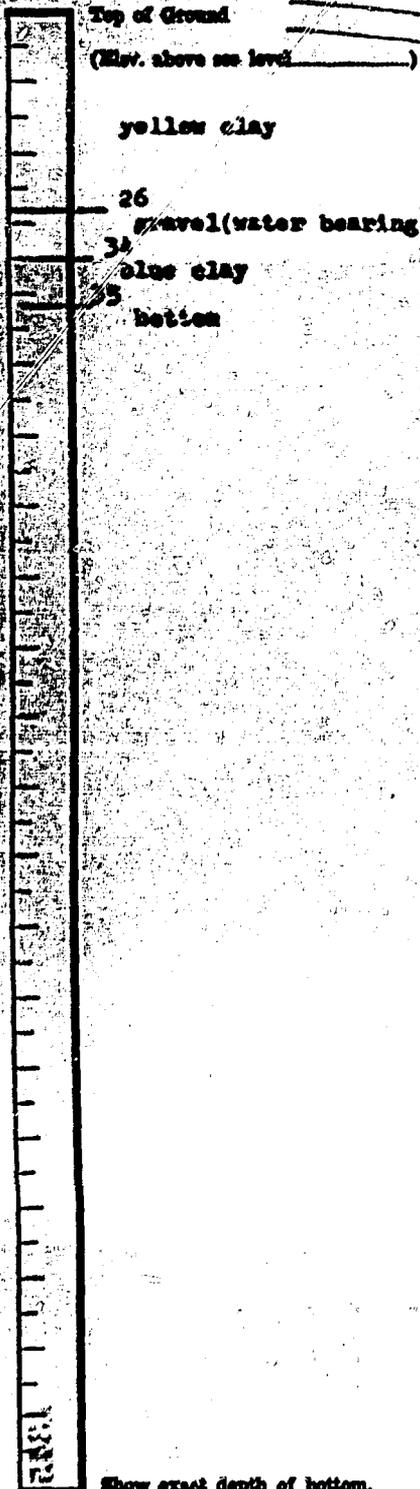
OCT 28 1968

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

LOG

**Notice of Completion of Groundwater
Appropriation by Means of Well**
DEVELOPED AFTER JANUARY 1, 1968

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



Owner Jensen Brothers Address Circle, Montana

Driller Daniel S. Haggerty Address Lindsay, Montana

Date of Notice of appropriation of groundwater 10/2/68

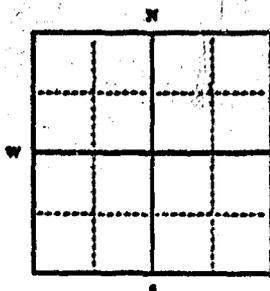
Date well started 9/28/68 Date completed 9/30/68

Type of well Artisanal 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)	PREPARATIONS		
				Shot Size	Feet Gravel	Feet Sand
5 1/2"	5" ID 16#	0	35	1/8" slots	20	35



Static Water Level for non-flowing well 20

Shut-in Pressure for Flowing Well not applicable

Pumping Water Level 28
at 5 gal. per minute.

Discharge in gal. per min. of flowing well not applicable

How Tested bailed & pumped

Length of Test 4 HRS.

Remarks: (Gravel packing, cementing, packers, type of shutoff) none

casing driven

SW 1/4 Sec 3 T 19 R 49

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, three 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

Daniel S. Haggerty
Driller's Signature.

#13

44, 719

134556

Water Well Log #669

State of Montana }
County of McCone } SA.

Office of Clerk and Recorder.

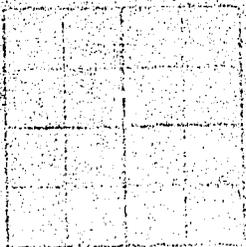
Filed this 24th day of
October A. D. 1968

at 11:30 o'clock A. M.

Gloria L. Brennan
Clerk and Recorder

By Alvin E. Zalkow
Deputy

Fee \$2.00



File No. _____

T. 19 N R. 49

DUPLICATE

County McCONE

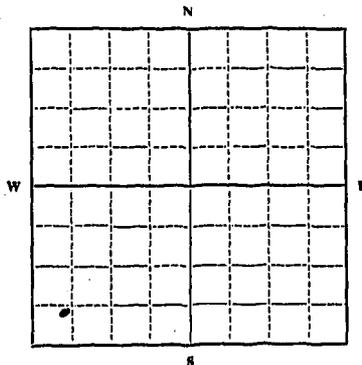
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 21 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, R. H. SCHARA, of Box 415 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:



SW 1/4 Sec. 8, T. 19 N, R. 49

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. Dwelling & Live stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. MARCH, 1960
used continuously

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. July, 1958 to July, 1959

8. The depth of water table. 25 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 - 20 feet deep

10. The estimated amount of groundwater withdrawn each year. 100,000 gal

11. The log of formations encountered in the drilling of each well if available
NONE

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

Signature of Owner R. H. Schara

Date July 25, 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.

126353

Water Well log # 228.

State of Montana }
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 20th day of

August A. D. 1963

at 8:20 o'clock A. M.

Henry E. Fipke
Clerk and Recorder

By _____ Deputy

Fee \$2.00

8

File No.

T. 19 N R. 49 E

DUPLICATE

County McCONE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

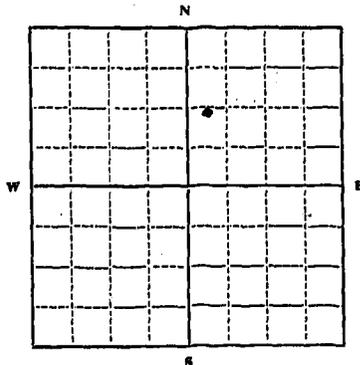
RECEIVED
AUG 21 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. R. H. SCHARA of Box 415 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:



NE 1/4 Sec. 8, T. 19, R. 49

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.....
LIVE STOCK

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
JUNE 1954
used CONTINUOUSLY

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
10 GALLONS 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.....
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.....
ELECTRIC MOTOR & PUMP

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
JUNE, 1954 to JUNE, 1954

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

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
24 inch - 80 feet DEEP

10. The estimated amount of groundwater withdrawn each year.....
120,000

11. The log of formations encountered in the drilling of each well if available.....
NONE

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

Signature of Owner R. H. Schara

Date JULY 25, 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.

5165

126352

Water Well Log # 227.

State of Montana }
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 20th day of

August A. D. 19.63

at 8:15 o'clock A. M.

[Handwritten Signature]
Clerk and Recorder

By _____ Deputy

Fee \$2.00

RECORDED

NOTICE TO THE PUBLIC: This document is a public record and is available for inspection and copying at the office of the Clerk and Recorder, McCone County, Montana.

EXEMPT FROM PUBLIC ACCESS

2000

2000

2000

2000

2000

2000

File No. 398

T. 19 N. 15 E. 13

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

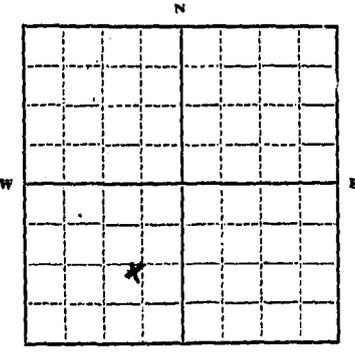
RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Louis Anderson of Cerule
(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:



SW 1/4 Sec. 13 T. 19 R. 15 E.

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

2. The beneficial use on which the claim is based water for house and livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. beg. in 1908 and has been in use ever since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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. hand pump has been used

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1908

8. The depth of water table. 18 feet to water

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. the well is three feet in diameter and 24 feet deep

10. The estimated amount of groundwater withdrawn each year. 109,500

11. The log of formations encountered in the drilling of each well if available. there was ten feet of sand on top and then the rest clay down below

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 Louis Anderson
Date Dec 18, 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.

127157

DOC. NO.

WATER WELL LOG FILE NO. 398

LOUIS UNDEM

TO

THE PUBLIC

*James J. Williams
M. J. Carter*

STATE OF MONTANA)
)SS
COUNTY OF MOORE)

OFFICE OF COUNTY CLERK & RECORDER

Filed this 30th day of Dec., 1963 A.D.
at 1:00 o'clock p.m.

James J. Williams
COUNTY CLERK

Fees \$1.00

Car

RECORDED
INDEXED
COUNTY CLERK

*of stream
containing
some 8000 lbs of
and
return*

2M
12 19 1963

wa

was

James J. Williams

1963

CW 1

File No. 399

DUPLICATE

T. 19 N. E R. 49 13
County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964

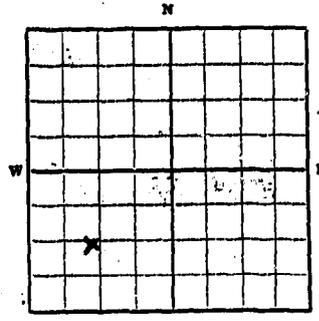
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Jan 15 1964
Owner Louis Gunden Address Circle, Mont.
Contractor (if any) _____

Address of Contractor _____
Date Started 10-15-66 Date Completed 10-15-66



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. the spring runs out but we have a container dug in the ground three feet deep

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 the

SW 1/4 Sec 13 T. 19 R. 49 E

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

spring runs one gallon of water per minute and is used continuously as it is some of the best water in the county

Signature of Owner Louis Gunden
Date Dec 18, 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.

127158

SR WILL LOG FILE NO. 399

LOUIS WILSON

TO

THE PUBLIC

STATE OF MONTANA)
)SS
COUNTY OF MOORE)

OFFICE OF COUNTY CLERK & RECORDER

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

at 1:01 o'clock p.m.

Lewis E. Taylor
COUNTY CLERK

FEE: \$2.00

GW3

17

File No.

T. 19N R. 49E

DUPLICATE

County McCONE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1963

Notice of Completion of Groundwater Appropriation Without Well

STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1909

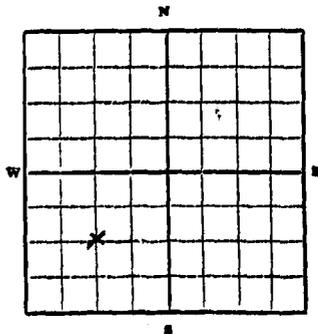
Owner N.P.R. Ry. Co. Address St. Paul, Minn.

Contractor (if any)

Address of Contractor

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring, used since 1909.



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

SW 1/4 Sec 17 T. 19N R. 49E

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

Spring flows one gallon per minute.

Northern Pacific Railway Company
Signature of Owner BY [Signature]
Dist. Supervisor, Graz. & Cult.
Date December 11th 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.

9304

126954

Water Well Log # 269

State of Montana }
County of Hill } ss.

Clerk of Court and Recorder.

Filed this 13th day of

December, 1963 A. D. 19

at 1:35 o'clock P. M.

Samuel E. Bial
Clerk and Recorder

By _____ Deputy

Fee \$2.00

File No. 530

T. 19 R 49 E

County McCone

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

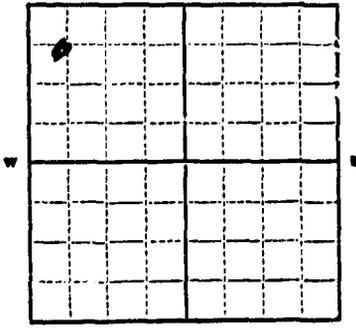
RECEIVED
JAN 16 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Warner D. Johnson, of Brockway, 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:



NW 1/4 NW Sec. 18 T. 19 R. 49

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 lives stock drinking water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1959 to Present time

4. The amount of groundwater claimed (in miner's inches or gallons per minute) never Pumped 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 gasoline motor pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1959

8. The depth of water table 45 foot

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 91 foot deep
6 inch casing 1/4 pipe, with 3 inch cylinder

10. The estimated amount of groundwater withdrawn each year unknown

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

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 Warner D. Johnson
Date Dec 7/1963

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

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

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

36502

Doc. No. 127291

Water Well Log #530

Warner D. Johnson

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 8:21 A. M.

Henry E. Dyer
.....
County Clerk

Fee: \$2.00

JAN 19 1964

CIVIL ENGINEER

JAN 1964

GW3

31

File No.

T. 19N R. 49E

DUPLICATE

County. McCone

RECEIVED
DEC 16 1968

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 1909

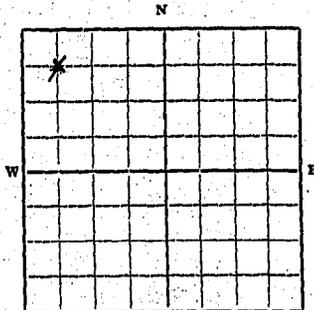
Owner Nor. Pac. Ry. Co. Address St. Paul, Minn.

Contractor (if any)

Address of Contractor

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring, used since 1909.



19 1/4 NW 1/4 Sec. 21 T. 19N R. 49E

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. Spring flows one gallon per minute.

Northern Pacific Railway Company

Signature of Owner By [Signature]
Dist. Supervisor, Graz. & Cult.
Date December 11 th, 1968

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.

9305

126955

Water Well Log #270

State of Montana }
County of McCone } ss.

Office of Clerk and Recorder

Filed this 13th day of

Dec. A. D. 1963

at 8:40 o'clock A. M.

Samuel J. [Signature]
Clerk and Recorder

By _____ Deputy

Fee \$2.00

File No.

T 18 R 44 E 14

DUPLICATE

McCone Count RECEIVED
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER APR 16 1965

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

3
23
3
1
26
1
30
1
14
4
16
8
2

Sandy Loam
Yellow Shale

Grey Shale

Rock
Yellow Shale

Water Sand 1 G.P.M.
Blue Shale

Water Sand 1 G.P.M.
Blue Shale
Coal 2 G.P.M.

Blue Shale
Water Sand 8 G.P.M.

Blue Shale
Bottom Hole.

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Haglund Ranch Inc Brookway Montana
Owner..... Address.....

Driller: Ira C. Bond..... Address: Terry Montana.....

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

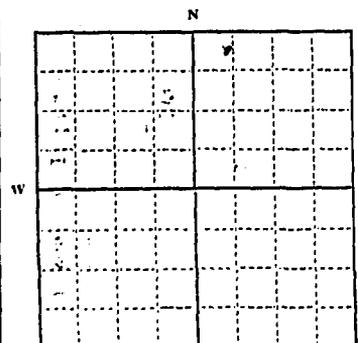
Date well started: March 31..... Date Completed: April 5.....

Type of well: Drilled..... Equipment Used: Cable
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
5 3/8"	4" ID. 11lb	Surface	To Torch 132	5 1/2" size	120	130



NW 1/4 Sec. 14, T. 18, R. 44
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

122 Show exact depth of bottom.

Static Water Level for non-flowing Well 100.....feet.

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

Pumping Water Level 106.....feet at 8GPM.....gal. per minute.

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

How Tested: Bailer.....Length of Test: 2HR.....

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

Gravel Pack Top To Bottom

37
Ira C. Bond
Driller 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.

390 13

2021

CLERK OF DISTRICT COURT
DEPT. OF REVENUE
JACKSON

RECEIVED
APR 14 1965
Clerk of District Court
Department of Revenue
Jackson

129560

Water Well Log #618
State of Montana }
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 14th day of
April A. D. 1965

at 3:00 o'clock P. M.

Gloria Brennan
Clerk and Recorder

By Alice E. Hallen
Deputy

Fee \$2.00

File No. _____
TRIPPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED

T. 18 R 44
County McCone

LOG SEP 17 1969

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

**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 Don Hinneland Address Brookway, Mont.

Driller Ira C. Bond #37 Address Terry, Montana

Date of Notice of appropriation (of groundwater) 8/18/69

Date well started 8/18/69 Date completed 8/21/69

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

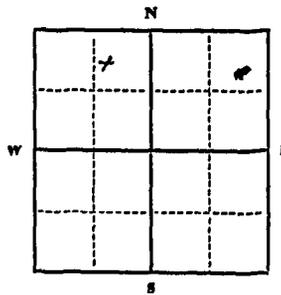
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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.

	Top of Ground (Elev. above sea level.....)
1	topsoil
21	brown clay
7	brown sand
2	yellow clay
25	sandstone
6	gumbo
8	sandstone-2 gpm
10	gumbo
1	hard rock
6	gumbo and sand
27	gumbo
8	coal
28	gumbo
5	water sand
8	bentonite
9	coal
8	water sand
1	gumbo

Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kid Size	From (Feet)	To (Feet)
5 5/8	4 1/2 od	0	172	torch holes	152	172
	10.895					



Static Water Level for non-flowing well 137 feet.

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

Pumping Water Level 140 feet

at 4 1/2 gal. per minute.

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

How Tested bailer

Length of Test 1 hr.

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

NE 1/4 Sec. 14 T. 18 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).

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 31
Ira C. Bond
Driller's Signature
45643

135761

Water Well Log #680

State of Montana
County of McCone

Office of Clerk and Recorder

Filed this 15th day of
September A. D. 1969

at 4:00 o'clock P. M.

Gloria Brennan
Clerk and Recorder

By *Alice E. Hallen*
Deputy

Fee \$2.00

Form No. 18
8-60

16

T. 19 R. 44
County

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

Owner Address

Driller Address

Date Started Date Completed

Location: Sec. 16 T. 19 R. 44 $\frac{1}{4}$ sec. S 1/4 E 1/4

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

Casing: 6 ft. to 10 ft. Type Size

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 2 to ft. 10. 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. 19 R. 44
County Carbon

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
AUG 29 1961

WATER WELL LOG

STATE ENGINEER

Owner James R. ... Address Beaumont, Mont
Driller H. I. Johnson Address Tea, Mont
Date Started Aug 18, 1961 Date Completed Aug 19, 1961
Location: Sec. 16 T. 18 R. 44 $\frac{1}{4}$ sec. SW 1/4

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 0 ft. to 193 ft. Type _____ Size 4"

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

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

Perforated or Screened: Ft. 83 to ft. 193. Ft. _____ to ft. _____

Type of screen or perforations None

Static Water level, for non-flowing well: 34 feet.

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

Pumping water level 73 feet at 8 gal. per min. _____

How tested: _____

Length of test 100

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

(over)

T. 18 N R. 44 E 19
County M^{ULL} RECEIVED
MAY 26 1961

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

	X	

Owner HAGLUND RANCH INC. Address BROCKWAY, MONT.

Driller IRA C. BOND Address TERRY, MONT.

Date Started JUNE 1, 1956 Date Completed JUNE 4, 1956

Location: Sec. 19 T. 18 N R. 44 E 1/4 sec. SE 1/4 of NW 1/4

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: 0 ft. to 100 ft. Type STEEL Size 4"

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

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

Perforated or Screened: Ft. 80 to ft. 100 Ft. _____ to ft. _____

Type of screen or perforations DRILLED HOLES

Static Water level, for non-flowing well: ~~80~~ ~~80~~ 90 feet of water _____ feet.

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

Pumping water level: 80 feet at _____ 8 gal. per min.

How tested: WINDMILL

Length of test: 1 HOUR

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
NONE

File No.

T 18 N R 44 E 2

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 18 1965

Notice of Completion of Groundwater Appropriation by Means of Well ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

2
19
17
12
5
4
4

Top of Ground
(Elev. above sea level.....)
Black sandy loam
Yellow shale
Sandstone
Coal- hard water 2 gpm
Grey shale
Water sand 7 gpm open hole
Blue shale bottom hole

Owner England Ranch Address Arceway, Mont.
Driller Ira C. Bond Address Tarry, Mont.

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

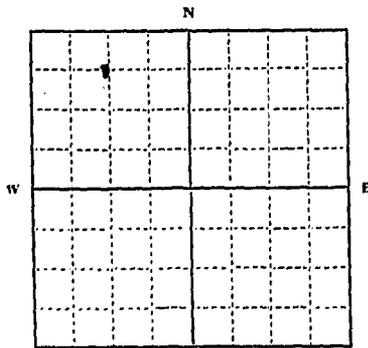
Date well started 5/18/65 Date Completed 5/25/65

Type of well Drilled Equipment Used Cable-tool
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	4" 1.d. 10.89# gravel packed	Surface	73'	Turned 3/8	38 64	50 70



NW 1/4 Sec 20 T. 18 R. 44

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

73

Show exact depth of bottom.

Static Water Level for non-flowing Well 38 feet.

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

Pumping Water Level 55 feet at 5 gal. per minute.

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

How Tested Surfer Length of Test 2 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).....

37
Driller's License Number

Ira C. Bond
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.

39231

129859

Water Well Log # 622.

State of Montana }
County of McCone } ss.

Office of Clerk and Recorder:

Filed this 16th day of
June A. D. 1965

at 11:30 o'clock A. M.

Gloria Brennan
Clerk and Recorder

By *Alvin E. Walker*
Deputy

Fee \$2.00

File No. _____

RECEIVED

T 18 R 47 20

TRIPLICATE

JAN 17 1968

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Otto Spidel Address Bushway, Mont

Driller Edward Rust Address Bushway, Mont

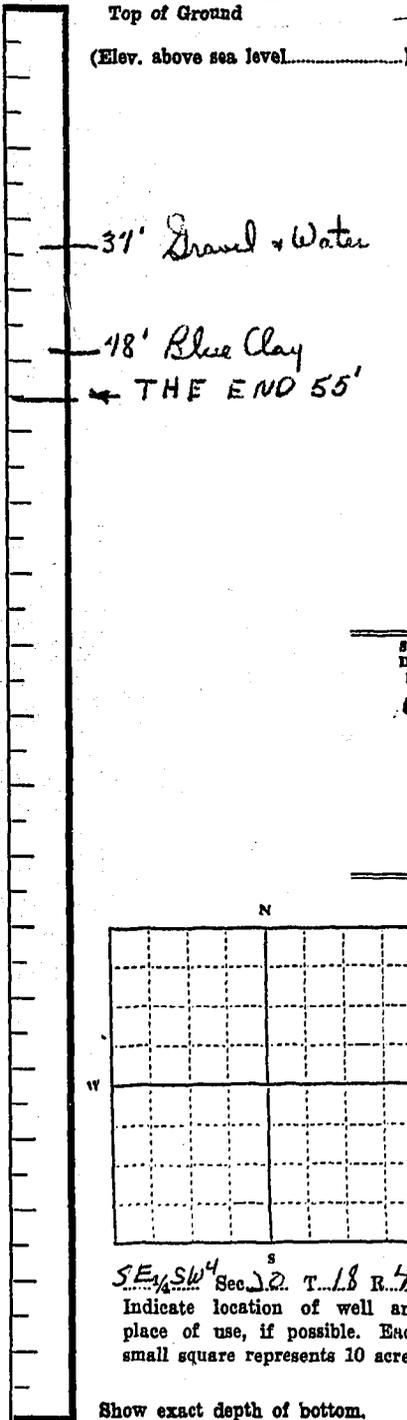
Date of Notice of Appropriation of Groundwater _____

Date well started Oct. 16, 1967 Date Completed Oct. 20, 1967

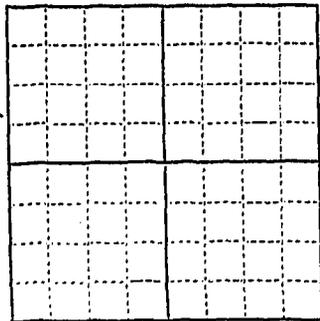
Type of well Drilled Equipment Used Drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
6"	19.6 lbs per ft.	Top	55'	Slots	29'	52'



SE 1/4 SW 4 Sec 20 T. 18 R. 47
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 20 ft. feet.

Shut-in Pressure for Flowing Well NA

Pumping Water Level 21 ft. feet at 29 gal. per minute.

Discharge in gal. per min. of flowing well NA

How Tested Balor Length of Test 30 min.

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) Casing wheel

45
Driller's License Number

Edward Rust
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.

42,759

133427

Water Well Log #659

State of Montana

County of McCone

Office of Clerk and Recorder

Filed this 15th day of

January A.D. 1968

at 4:20 o'clock P.M.

Alexis D. Brennan
Clerk and Recorder

s. *Allen E. Walker*
Deputy

Fee \$2.00

McTEAU...
Form No. 18
8-60

24

T. 18 N R. 44E
County McCONE

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 26 1961

WATER WELL LOG

STATE ENGINEER

Owner HAGLUND RANCH INC Address BROCKWAY, MONT
Driller UNKNOWN Address _____
Date Started CIRCA 1940 Date Completed _____
Location: Sec. 24 T. 18 N R. 44E $\frac{1}{4}$ sec. SW $\frac{1}{4}$ NW $\frac{1}{4}$

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 0 ft. to 160 ft. Type STEEL Size 4"

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

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

Perforated or Screened: Ft. NOT KNOWN . Ft. _____ to ft. _____

Type of screen or perforations 11

Static Water level, for non-flowing well: 100' feet.

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

Pumping water level 140' feet at 5 gal. per min.

How tested: Pump

Length of test 1 minute

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

Unknown

(over)

Form No. 18
8-60

18 44 28

T. McCRONE

County _____

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 26 1961

HAGLUND RANCH, INC
WATER WELL LOG

STATE ENGINEER
BROCKWAY, Mont

Owner UNKNOWN Address _____

Driller CIRCA 1914 Address CIRCA 1914

Date Started 28 18 44 Date Completed _____

Location Sec. _____ T. _____ R. UNKNOWN

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other STOVEPIPE 5 INCH

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

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

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

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

Type of screen or perforations 80

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

Shut-in pressure, for flowing well: 80/40 5 lb./sq. in. on: _____ (date)

Pumping water level PUMP feet at _____ gal. per min. 1 MINUTE

How tested: _____

Length of test _____

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

(over)

Water Well Log # 713

File No. _____

Doc. No. 139858

VIC LAPINE

TO

THE PUBLIC

STATE OF MONTANA
COUNTY OF McCONE, ss

The within instrument was filed for
record on June 26, 1972 at 9:35
o'clock A. M., and is duly recorded in
Book of FILED page _____

Florin G. Summers
County Clerk and Recorder

By _____ Deputy

Fee \$2.00 Paid.

SW 2

File No. _____

STATE WATER CONSERVATION BOARD

T. 18 R 45

DUPLICATE

AUG 19 1966

County McCone

Bills _____ McDermott _____ STATE OF MONTANA
 Butzerin _____ McNulty _____ ADMINISTRATOR OF GROUNDWATER CODE
 Coyle _____ Morton _____ OFFICE OF STATE ENGINEER
 Darlington _____ Sullivan _____
 Dickert _____

Top of Ground

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

1' black loam
 23' yellow clay
 65' sand rock, soft
 10' Gumbo
 8' Coal 16 G.P.M.

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner _____ Inc. Address _____

Driller _____ Address _____

Date of Notice of Appropriation of Groundwater 6/30/66

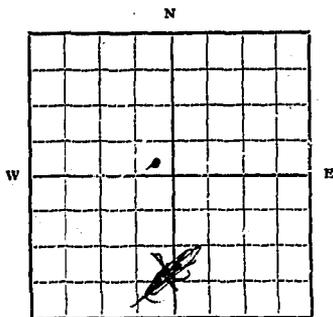
Date well started 6/27/66 Date Completed 6/29/66

Type of well Drilled Equipment Used Cable
(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 5/8"	4 1/2" OD 10.89 #	Surface	100'	1/2" slots	90'	100'



EE 1/4 NW 1/4 Sec 24 T. 18 R. 45
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 70 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 30 feet at 16 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Blower Length of Test 1hr

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

Driller's License Number 37

Driller's Signature Geo. C. Bond

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.

41, 323

410323

Form No. 18
8-60

25

T. 18 N R. 45 E
County MCCONE

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 26 1961

WATER WELL LOG

STATE ENGINEER

	x		

Owner HAGLUND RANCH INC Address BROCKWAY, MONT
Driller IRA BOND Address TERRY, MONT
Date Started MAR 20 1961 Date Completed MAR 20 1961
Location: Sec. 25 T. 18 N R. 45 E $\frac{1}{4}$ sec. NE & NW 4

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 0 ft. to 40 ft. Type Steel Size 7"

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

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

Perforated or Screened: Ft. 30 to ft. 40. Ft. _____ to ft. _____

Type of screen or perforations rustless steel

Static Water level, for non-flowing well: 20' feet.

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

Pumping water level 38' feet at 8 gal. per min.

How tested: ailer

Length of test 1 minute

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

none

(over)

Form No. 18
8-60

26

T. 18 N R. 45 E
County McCone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 26 1961

WATER WELL LOG

STATE ENGINEER

	X	

Owner HAGLUND RANCH INC Address BROOKWAY, MONT
Driller Unknown Address _____
Date Started Circa 1912 Date Completed _____
Location: Sec. 26 T. 18 N R. 45 E $\frac{1}{4}$ sec. NW $\frac{1}{4}$ SE $\frac{1}{4}$

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 0 ft. to 80 ft. Type STOVEPIPE Size 5"

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

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

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

Type of screen or perforations Unknown

Static Water level, for non-flowing well: 40' feet.

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

Pumping water level 60 feet at 3 gal. per min.

How tested: plug

Length of test 1 hr

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

Unknown

(over)

Form No. 18
8-60

T. 18 R. 45
County MS CONE

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 26 1961

WATER WELL LOG

STATE ENGINEER

Owner HAGLUND RANCH, INC Address BROCKWAY, MONT
Driller BILL JOHNSON Address TERRY, MONT.
Date Started MAY 1947 Date Completed MAY 1947
Location: Sec. 27 T. 18 R. 45 $\frac{1}{4}$ sec. NE $\frac{1}{4}$ of SE $\frac{1}{4}$

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: 0 ft. to 220 ft. Type STEEL Size 5 INCH

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

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

Perforated or Screened: Ft. 80 to ft. 210. Ft. _____ to ft. _____

Type of screen or perforations CUT HOLES WITH ACETYLENE TORCH

Static Water level, for non-flowing well: 60 FEET FROM TOP feet.

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

Pumping water level 100 feet at 10 gal. per min.

How tested: BAIRED

Length of test 2 MINUTES

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

(over)

30

File No. _____

T. 18 R. 45

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED
MAY 22 1967

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

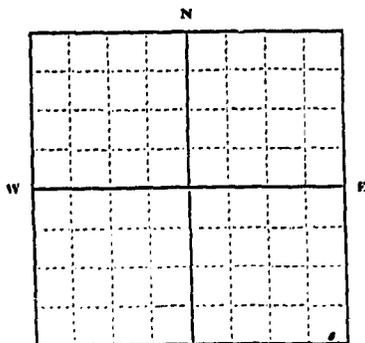
2
16
12
2
6
20
14
10
10
6
12
6
10
6
20

Top of Ground
(Elev. above sea level _____)
Top soil
Yellow Clay & Sand
Coal Dust
Gumbo
Sandstone Hard
Gumbo & Sand
Gumbo
Watersand 1/2 gpm
Gumbo
Watersand 1/2 gpm
Coal Hard 1 gpm
Gumbo
Watersand 1/2 gpm
Gumbo
Gumbo & Watersand 6 gpm

Owner _____ Address _____
Driller J. C. Bond & Sons Address Terry, Mont.
Date of Notice of Appropriation of Groundwater _____
Date well started 5/15/67 Date Completed 5/16/67
Type of well drilled Equipment Used cable tool
(dug, driven, bored or drilled) (Churn, drill, rotary or other)
Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>8 1/2" ID</u> <u>6 3/4"</u>	<u>4 1/2" OD</u>	<u>0</u>	<u>152</u>	<u>3/16</u>	<u>98</u>	<u>152</u>



SE 1/4 Sec. 30 T. 18 R. 45
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

152 Show exact depth of bottom.

Static Water Level for non-flowing Well 7 120 feet.
Shut-in Pressure for Flowing Well _____
Pumping Water Level 138 feet at 3 gal. per minute.
Discharge in gal. per min. of flowing well _____
How Tested bailed Length of Test 6

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)

Gravel Packed from top to bottom

37
Driller's License Number
J. C. Bond
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.

45,254

135287

WATER WELL LOG # 671

State of Montana } ss.
County of McCone }

Office of Clerk and Recorder.

Filed this 20th day of

May, A. D. 19 69

at 11:55 o'clock A. M.

Gloria L. Brennan
Clerk and Recorder

By *Mary R. Fickler*
Deputy

Fee \$2.00

GW 3

31

File No.

T. 18W R. 45E

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 16 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1915

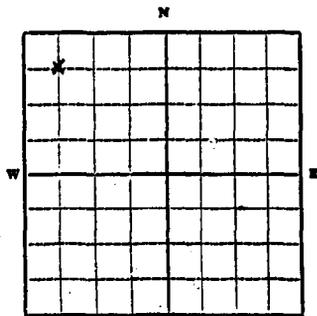
Owner Nor. Pac. Ry. Co. Address St. Paul, Minn.

Contractor (if any)

Address of Contractor

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring, used since 1915.



Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. Spring has been dug out and flows one gallon per minute.

SW 1/4 Sec. 51 T. 18W R. 45E

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

.....
.....
.....

Signature of Owner Northern Pacific Railway Company
By [Signature]
Dist. Supervisor, Gras. & Cult.
Date October 11 th. 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.

126356

Water Well Log # 271

State of Montana

County of Rosebud

Office of Clerk and Recorder

Filed this 13th day of

December, 1904, A. D. 1904

at Billings, Montana

Dwight E. Sigel
Clerk and Recorder

By _____ Deputy

Fee \$2.00