GROUNDWATER INDEX

Page ____ of ____

County McCone Twp. 19N Rge. 43E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
23	Burlington Northern	GW2	139830	
24	Leralley, John D.	GW 4	126500	
25	" " "	" 4	126343	
9	Hinnaland, Don	GW2	138707	

GW 2

RECEIVED

JUN 15 1972

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Approved Stock Form—State Publishing Co., Helena, Montana—46805

File No.....

T. 12 R. 43

TRIPLICATE

County Chouteau

LOG

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) R.J.K.

Owner: Burlington Northern Address: Circle or Fallon, Mont.

Driller: and L. Sagents Address: Lindsay, Montana

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

Date well started 5/16/72 Date completed 6/2/72

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

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

Top of Ground

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

yellow clay

25

blue clay

55

bentonite

98

gray clay

115 gray clay and sand
120 water bearing trace

bentonite

205
206 rock

bentonite

gray sand-water bearing
225

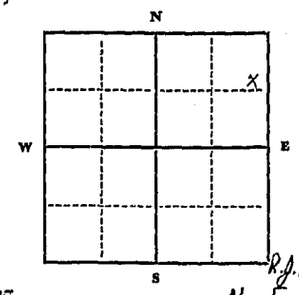
bentonite

232
234 rock
237 bentonite

bottom

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	4" 16#	0	237	slots	217	237



NE¼ NE¼ Sec. 23 T. 17 R. 43 N. E. R.J.K.

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 125 feet.

Shut-in Pressure for Flowing Well ~~not app.~~

Pumping Water Level 234 feet at 2 gal. per minute.

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

How Tested bailed

Length of Test 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) outside gravel packed

(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

Doc. No. 712-139830

Filed for record this 14th day of June A. D. 19 72, at 10:35 o'clock A. M.

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.

12

Driller's License Number

Driller's Signature.

50,619

GW 2

RECEIVED

JUN 15 1972

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Approved Stock Form—State Publishing Co., Helena, Montana—45805

File No. .....

T. 19 R. 43

TRIPLICATE

County Sanders

LOG

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) R.A.B.

Owner: Burlington Northern Address: Circle or Fallon, Mont.

Driller: Daniel G. Haggerty Address: Lindsay, Montana

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

Date well started: 5/16/72 Date completed: 6/2/72

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

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

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 .....)

yellow clay

25

blue clay

55

bentonite

98

grey clay

115 grey clay and sand water bearing (trace)

120

bentonite

205

206 rock

bentonite

220 grey sand-water bearing

225

bentonite

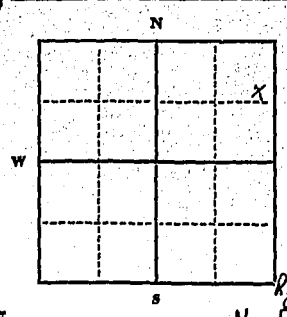
232

234 rock

237 bentonite

bottom

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	4" ID 16#	0	237	5" slots	217	237



Static Water Level for non-flowing well 125 feet.

Shut-in Pressure for Flowing Well ~~not app.~~

Pumping Water Level 234 feet at 2 gal. per minute.

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

How Tested bailed

Length of Test 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) outside gravel packed

R.A.B.

N. E.

NE¼NE¼ Sec. 23 T. 19 R. 43

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

Doc. No. 712-139830

Filed for record this 14th day of June A. D. 19 72, at 10:35 o'clock A M.

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 50,619

Daniel G. Haggerty

Driller's Signature.

139830

WATER WELL LOG FILE NO. 712

State of Montana
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 14th day of June, A. D., 19 72

at 10:35 o'clock A. M.

Gloria G. Brennan
Clerk and Recorder

By Mary C. Kuykendall
Deputy

Fee $2.00

G

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

File No.....

T. 19 N R. 43 E

DUPLICATE

County McCone

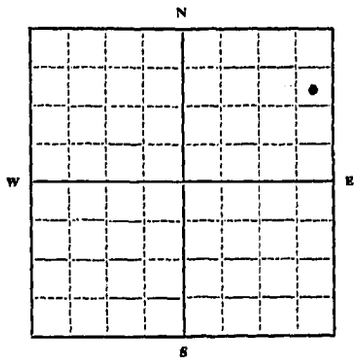
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 23 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John D Lewalley (Name of Appropriator), of Brockway (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 24 T. 19 R. 43

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gal per minute

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

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

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

8. The depth of water table 80 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 80 ft Cased with 5 in casing

10. The estimated amount of groundwater withdrawn each year 3 0, 240 gals

11. The log of formations encountered in the drilling of each well if available not available at this time

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 John D Lewalley

Date Sept 4 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.

6014

126500

Water Well Log #236

State of Montana }
County of McCone } ss.

Office of Clark and Recorder.

Filed this 20th day of

September A. D., 19 63

at 8:30 o'clock A. M.

Clerk and Recorder

By Deputy

Fee $2.00

GV

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

File No.....

T. 19 N R. 43 E

DUPLICATE

County McCone

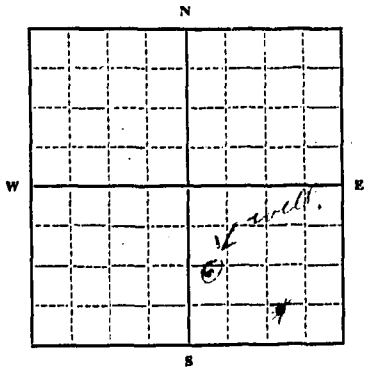
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 14 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John D Sevalley (Name of Appropriator) of Brockway ~~Circle~~ (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:



S.E. ¼ Sec. 25 T. 19 R. 43

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1947 and has about 200 days per year since

4. The amount of groundwater claimed (~~in miner's inches~~ or gallons per minute) 7 gals

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 pump with electric motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater within the month of May 1947

8. The depth of water table 79 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater cased with 5 in casing pumped with cylinder pump. steel tank and pond

10. The estimated amount of groundwater withdrawn each year 580,000 gals.

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

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 John D Sevalley
Date Aug. 8 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.

5402

126343

Water Well Log #226

State of Montana }
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 13th day of
August A. D., 19 63
at 11:45 o'clock A. M.

Clerk and Recorder

By Deputy

Fee $2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4835.

RECEIVED
NOV 3 1971
RESOURCES BOARD

File No.....

TRIPLICATE

T. 19 R. 43

County ~~Garfield~~ McCone

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 Dan Hinnaland Address Brockway, Mont.

Driller Ira C. Bond and Sons Address Terry, Mont.

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

Date well started 8/17/71 Date completed 8/31/71

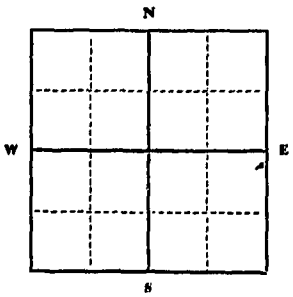
Type of well Drilled (Dug, driven, bored or drilled) Equipment used Cable (Churn drill, rotary or other)

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)
6½	4" I.D.	0	260	5/16" Burned with Torch	230	260

Top of Ground	
(Elev. above sea level.....)	
1	Top Soil
19	Brown Clay
2	Sandstone
3	Gumbo
2	Hard Rock
9	Brown Clay
4	Gumbo
24	Bentonite
4	Coal
12	Bentonite
2	Coal
8	Bentonite
20	Sand (with traces of water)
16	Bentonite
3	Coal
18	Bentonite
3	Coal
18	Bentonite
2	Hard Rock
17	Bentonite
2	Rock
16	Bentonite
1	Rock
24	Bentonite
5	Water Sand
8	Coal
4	Gumbo
2	Sand
260	Show exact depth of bottom.



NE¼ SE¼ Sec. 9 T. 19 R. 43
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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

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

Pumping Water Level 252 feet

at 2½ gal. per minute.

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

How Tested Bailed

Length of Test 6 hrs

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

.....(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).

Doc. No. 138707
Filed for record
this 1 day of Nov
A. D. 19 71, at 8:05
o'clock A. M.

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.

37
Driller's License Number

Robert C. Bond
Driller's Signature.

49303

138707

WATER WELL LOG FILE #701

State of Montana }
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 1st day of

November, A. D., 19 71

at 8:05 o'clock A. M.

Gloria G. Brennan
Clerk and Recorder

By Mary R. Kuckler
Deputy

Fee $2.00

GROUNDWATER INDEX

Page ___ of ___

County McCone Twp. 19N Rge. 44E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
19	Leralley, John D.	GW H	126498	
19	" " "	— H	126497	
20	Vojtasa, John	— H	127230	
29	Leralley, John	GW2	135706	
29	" "	GW H	126499	
31	" "	GW2	135705	

GW

Approved Stock Form—State Publishing Co., Helena, Montana—38[illegible]

File No.....

T. 19 N R. 44

DUPLICATE

County Mc Cone

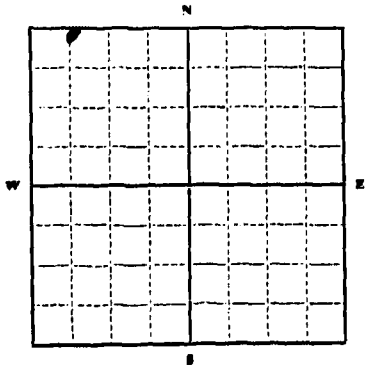
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 23 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John D Swalley (Name of Appropriator) of Brockway (Address) (Town)
County of Mc Cone State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ — Sec. 19 T. 19 R. 44

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 water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1943 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal

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 pressure pump + motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 1943

8. The depth of water table 59 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 57 ft of 3 in Casing

10. The estimated amount of groundwater withdrawn each year 182,500 gals

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

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

Signature of Owner John D Swalley
Date Sept 4, 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.

126498

Water Well Log # 234

State of Montana
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 20th day of

September A. D., 1963

at 8:20 o'clock A. M.

Clerk and Recorder

By Deputy

Fee $2.00

G'

Approved Stock Form—State Publishing Co., Helena, Montana—38496 3

File No.....

T. 19 R. 44

DUPLICATE

County Mc Cone

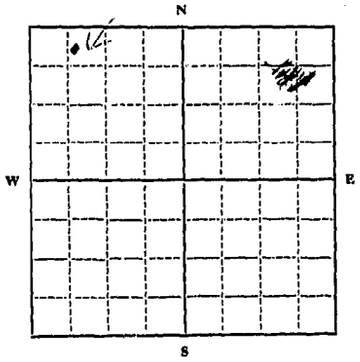
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 23 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John D Swalley of Brockway
(Name of Appropriator) (Address) (Town)
County of Mc Cone State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 — Sec. 19 T. 19 R. 44

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gal

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 Cylinder pump, electric motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Oct 1936

8. The depth of water table 141 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Not available

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

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

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

Signature of Owner John D Swalley
Date Sept 4 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.

6011

126497

Water Well Log # 233

State of Montana
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 28th day of
September A. D., 19 63
at 8:15 o'clock A. M.

Clerk and Recorder

By
Deputy

Fee $2.00

G

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

File No. 471

T. 19 N. R. 44 East, M.P.M.

DUPLICATE

County McCone

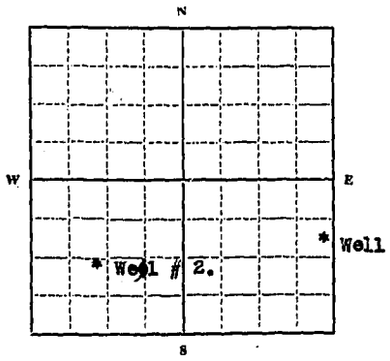
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John Vejtasa (Name of Appropriator) of Box 197, (Address) Circle, (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 of Section 20, Twp 19N. Range 44 East,
.....¼..... Sec..... T. 19 R. 44-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 House and Livestock both wells used for house and livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been March 1915 and has been used for House and Livestock continuously until 1925 and after that intermittenly up to this date.

4. The amount of groundwater claimed (~~acre-feet~~ or gallons per minute) 12 gallons per minute
Both wells about the same amount of water

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 Pumps

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater March 1915. The well is dug and stoned, that is it is lined with stone. Well No. 2 was dug in March 1916

8. The depth of water table 15 feet Same water table in both wells

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 is dug about 4 feet in diameter, and is pumped with a pump with a 3½ inch cylinder and the depth is 26 feet.
Well No. 2 is 25 feet deep and is pumped with a pump.

10. The estimated amount of groundwater withdrawn each year 70,000 gallons from each well.

11. The log of formations encountered in the drilling of each well if available Well No. 1 - 8 feet yellow clay, 12 feet of clay and gravel 5 feet of blue clay and 1 foot of liginte coal

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 V Vejtasa

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.

36442

127230

DOC. NO.

WATER WELL LOG FILE NO. 471

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 8:15 o'clock, a.m.

D. Kenny E. Tyler
COUNTY CLERK

FEE: $2.00

29

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—46805

File No.....

MONTANA WATER RESOURCES BOARD
RECEIVED
SEP 3 1969

T. 12 R. 44

TRIPLICATE

County Powell

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

1	top soil
16	sandstone
4	gravel
59	soft sandstone
1	hard sandstone
23	water sand 10 gpm
104	

Show exact depth of bottom.

Owner John Le Mieux Jr. Address Broadway, Montana

Driller Jim C. Bond & Sons Address Conrad, Montana

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

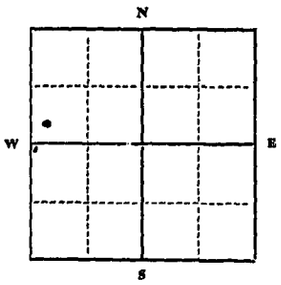
Date well started 3/21/69 Date completed 3/27/69

Type of well drilled (Dug, driven, bored or drilled) Equipment used cable tool (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" pod	0	81	none		
3 3/4	gravel	81	104			



Static Water Level for non-flowing well 10 feet.

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

Pumping Water Level 54 feet at 45 gal. per minute.

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

How Tested bailed

Length of Test 2 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) A 16 casing

Not SW ¼ Sec. 29 T. 12 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.

57

Driller's License Number

Roberge Bond

Driller's Signature.

45580

135706

Water Well Log #678

State of Montana
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 2nd day of

September A. D., 19 69

at 11:15 o'clock A. M.

Gloria G Brennan
Clerk and Recorder

By Mary L. Kuckler
Deputy

Fee $2.00

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

File No.....

T. 19 N R. 41 E

DUPLICATE

County. M

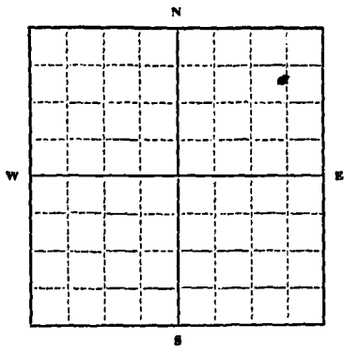
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 23 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John D Sevally (Name of Appropriator) of Brockway (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 ¼ Sec 29 T 19 R 41

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 and house water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Aug 1953
41 mo per year

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gpm

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

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

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

8. The depth of water table 60 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 60 ft 7 in casing

10. The estimated amount of groundwater withdrawn each year 117 000 gals

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

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

Signature of Owner John D Sevally
Date Sept 4 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.

6013.

126499

Water Well Log # 235

State of Montana
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 20th day of
September A. D. 19 63.
at 8:25 o'clock A. M.

Clerk and Recorder

By Deputy

Fee $2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—46805

File No.....

MONTANA WATER RESOURCES BOARD
RECEIVED
SEP 3 1969

T.12 R.44 31

TRIPLICATE

County [illegible]

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

1	top soil
19	brown clay
1	yellow clay
24	hard sandstone
13	gumbo
4	water sand
14	gumbo
2	water sand
2	coal
13	water sand 30 gpm

Show exact depth of bottom.

Owner [illegible] Address [illegible]

Driller [illegible] Address [illegible]

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

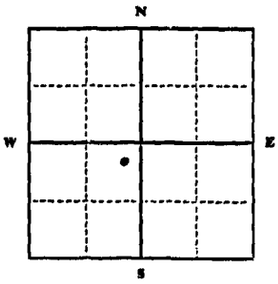
Date well started 8/ 8/ 69 Date completed 8/12/69

Type of well [illegible] (Dug, driven, bored or drilled) Equipment used cable tool (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 00	0	82	none		
3 3/4	3 00	77	90	slits	all	



Static Water Level for non-flowing well 36 feet.

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

Pumping Water Level 54 feet at 5 gal. per minute.

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

How Tested bailed

Length of Test 2 hrs.

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

.....¼ of Sec. 11 T.12 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.

37
Driller's License Number

Robert C. Bond
Driller's Signature.

45579

135705

Water Well Log #677

State of Montana
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 2nd day of

September A. D., 19 69

at 11:10 o'clock A. M.

Gloria G Brennan
Clerk and Recorder

By Mary C. Kuckler
Deputy

Fee $2.00

GROUNDWATER INDEX

Page ___ of ___

County McCone Twp. 19N Rge. 45E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
4	Mares, Albert	well log	118180	
10	" "	" "	118178	
10	" "	" "	118179	
35	Nor. Pac. Ry. Co.	GW H	126980	

T. 19 R. 45 E

County McCone

RECEIVED
NOV 14 1958
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner: Albert Mance Address: Circle, Mont.

Driller: Robert Haggerty Address: Circle, Mont.

Date Started: 6-10-58 Date Completed: 6-12-58

Location: Sec. 4 T. 19 R. 45 ¼ sec. N W ¼ NE ¼

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 26 ft. Type: Steel Size: 5"

Casing: ft. to ft. Type: Size:

Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. 16 to ft. 26 Ft. to ft.

Type of screen or perforations: Slots

Static Water level, for non-flowing well: 16' feet.

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

Pumping water level 21' feet at 6 gal. per min.

How tested: Pump jack

Length of test: 5 days

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

Gravel packing

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	24	Soup

118180.

[illegible]

[illegible] 12 [illegible]

Nov A. D. 1958

3:03 o'clock P M

No fee

RECEIVED
NOV 14 1958
STATE ENGINEER

T. 19 R. 45 10
County McCone

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Albert Graves Address Circle, Mont
Driller Robert Haggerty Address Circle, Mont
Date Started 6-18-58 Date Completed 9-15-58
Location: Sec. 10 T. 19 R. 45 ¼ sec. S E ¼ SE ¼

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

Water use: Domestic [X] Municipal [ ] Stock [ ] Irrigation [ ]
Industrial [ ] Drainage [ ] Other:

Casing: 0 ft. to 189 ft. Type Steel Size 5"
Casing: ft. to ft. Type Size
Casing: ft. to ft. Type Size
Perforated or Screened: Ft. 169 to ft. 189 Ft. to ft.
Type of screen or perforations Slots
Static Water level, for non-flowing well: 100' feet.
Shut-in pressure, for flowing well: lb./sq. in. on: (date)
Pumping water level 118 feet at 5 gal. per min.
How tested: Pump jack
Length of test Four days

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

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
		118178
		State of Indiana }
		County of Lincoln }
		Filed this 12 day of Nov A.D. 1958
		at 3:01 o'clock P. M.
		Henry E. Dupre
		Recorder
		No fee

10

T. 19 R. 45

County Sweet Grass

RECEIVED
NOV 11 1958
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Albert Inmes Address Circle, Mont

Driller Robert Haggerty Address Circle, Mont

Date Started 6-13-58 Date Completed 6-15-58

Location: Sec. 10 T. 19 R. 45 ¼ sec. SE ¼ SE ¼

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 90 ft. Type Steel Size 4"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 69 to ft. 90 Ft. to ft.

Type of screen or perforations Slots

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

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

Pumping water level 70 feet at 6 gal. per min.

How tested: Pump Jack

Length of test Per Days

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

Gravel packing

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	40	Yellow Clay
40	42	Coal
42	75	Blue Clay
75	90	Water Sand

118179

State of Montana } ss.
County of McCone }

Office of Clerk and Recorder:
Filed this 13 day of Nov. A. D., 19[illegible]
at 3:00 o'clock [illegible] M.

[illegible]
Clerk and Recorder

By _____ Deputy

No fee

GW

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

35

File No. 285

T. 19N R. 45E

DUPLICATE

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

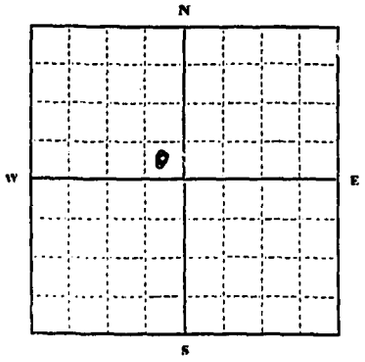
RECEIVED
DEC 19 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Northern Pacific Railway Company, of N.P.Bldg. St. Paul
(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:



SE¼NW¼ Sec. 35 T.19N R. 45E

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 Furnishing water for livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since 1961.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) four 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 Well, completed May 26, 1961.

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 128 feet deep - 4-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 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 available.

Northern Pacific Railway Company
Signature of Owner By [illegible]
Dist. Supervisor, Graz. & Cult.
Date December 16 th, 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.

10403

DOC. NO. 126880

126880

WATER WELL LOG FILE NO. 255

NORTHERN PACIFIC RAILWAY COMPANY

TO

THE PUBLIC

State of Montana
County of Missoula } ss.

Office of Clerk and Recorder.

Filed this 16th day of December A. D. 19 63

at 11:15 o'clock A M.

Clerk and Recorder

By ..... Deputy

Fee $2.00

GROUNDWATER INDEX

Page ____ of ____

County McCone Twp. 19N Rge. 46E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
6	Murphy, Archie	GW2	127397	
8	Garfield, L.R.	GW H	127302	
8	" " "	— H	127301	
9	Quick, Floyd E., Inc.	— H	126852	
9	School Dist. #61	well log	118373	
10	Quick, Floyd E. Inc.	GW H	126851	
10	Yarger, Robert	3GW2	139798	
15	" " G.	GW H	127061	
15	" " "	— H	127060	
17	Klabenes, Frank (Mrs)	well log	118374	
17	Yarger, Robert G.	GW2	139800	
17	" "	GW2	139799	
17	" " "	GW H	127056	
21	" " "	— H	127059	
23	" " "	— H	127057	
28	" " "	— H	127058	
29	Wangen, Mary	well log	123389	
29	Wangen, Ted (Mrs)	GW2	125104	
32	Haber, John	GW2	127346	

GW 2

File No. 575

DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana 59601

T. 19 N. R. 46 E.

County McCone

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 20 1964

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Archie Murphy Address Circle, Montana

Driller Daniel G. Maggerty Address Lindsay, Montana

Date of Notice of Appropriation of Groundwater

Date well started Jan. 3, 1964 Date Completed Jan. 8, 1964

Type of well drilled (dug, driven, bored or drilled) Equipment Used cable tool drill (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.

0 Top of Ground

(Elev. above sea level)

yellow clay 25

brown clay 55

60 blue shale

yellow clay 78

blue shale 85

coal 92

blue shale 113

117 gray sand(seep)

blue shale 128

130 coal

140 water level

blue shale 157

gray sand(2 gal. per min) 163

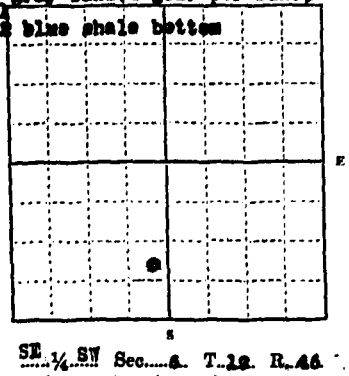
165 coal

blue shale 194

gray sand(4 gal. per min.) 201

202 blue shale bottom

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
5"	4" 11#	0	202	1/8" slots	157	202



SE ¼ SW Sec. 6 T. 19 R. 46

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 140 feet.

Shut-in Pressure for Flowing Well not applicable

Pumping Water Level 187 feet at 4 gal. per minute.

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

How Tested bailed 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)

clay backfill around casing

Driller's License Number 12

Daniel G. Maggerty
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.

33516

Doc. No. 127397

Water Well Log File No. 575.

Archy Murphy

TO

The Public

State of Montana)
) ss
County of McCone)

OFFICE OF COUNTY CLERK & RECORDER

Filed this 15th day of January, 1964 A. D.

at 3:30 P. M.

County Clerk

Fee: $2.00

GW

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

File No. 541

T. 19 N. R. 46 E

DUPLICATE

County McCone

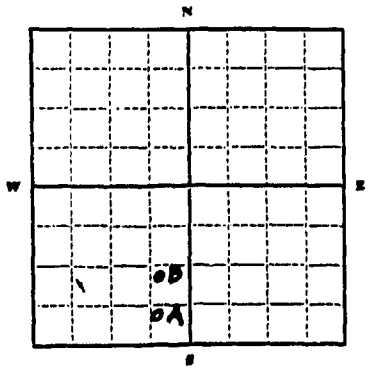
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



SE 1/4 SW Sec. 8 T. 19 R. 46

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

2. The beneficial use on which the claim is based. stock water and household

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. A-1956 B-1942

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 6 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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. A-3-1-36, 3-10-36 B-2-10-42, 7-1-42

8. The depth of water table. A-135; B-150

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. A-5 in. Casing, 135 ft. deep B-5 in. Casing, 165 feet deep

10. The estimated amount of groundwater withdrawn each year. 150,000 gal.

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

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

Signature of Owner L. R. Garfield

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.

36573

DOC. NO. 127302

WATER WELL LOG FILE NO. 541

L. R. GARFIELD

TO

THE PUBLIC

STATE OF MONTANA)
)SS
COUNTY OF McCONE)

OFFICE OF COUNTY CLERK & RECORDER

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

at 8:32 o'clock, a.m.

Henry B. Tifal

COUNTY CLERK

FEE: $2.00

GW

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

File No. 540

T 19N R 46E

DUPLICATE

County McCone

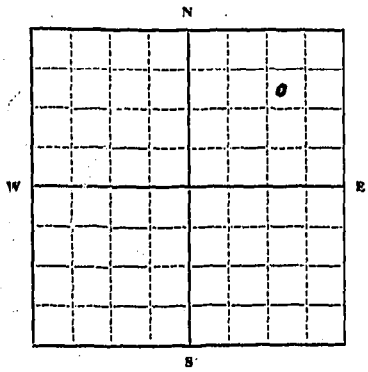
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NE ¼ NE Sec. 8 T 19 R 46

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 and household

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 6-15-60; 7-1-60

8. The depth of water table 50 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 5 in. casing, 63 ft. deep.

10. The estimated amount of groundwater withdrawn each year 150,000 gal.

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

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

Signature of Owner L. R. Garfield

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.

36512

DOC. NO. 127301

WATER WELL LOG FILE NO. 540

L. R. GARFIELD

TO

THE PUBLIC

STATE OF MONTANA)
)SS
COUNTY OF McCONE)

OFFICE OF COUNTY CLERK & RECORDER

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

at 8:31 o'clock, a.m.

COUNTY CLERK

FEE: $2.00

G1

Approved Stock Form—State Publishing Co., Helena, Montana—38[illegible]

File No. 255 T. 19 N R. 46 E

DUPLICATE County McCone

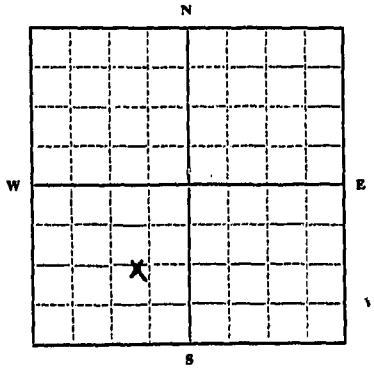
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 2 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. FLOYD E. QUICK INC, of 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 ¼ Sec. 9 T. 19 R. 46

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 WATER

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1946

8. The depth of water table 118'

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 118' Size Casing 4"

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

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 —

Signature of Owner Floyd E. Quick Inc
By Floyd E. Quick Pres

Date Nov. 21, 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.

765

126852

Water Well Log # 255.

State of Montana
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 29th day of November A. D., 1963 at 8:35 o'clock A. M.

Clerk and Recorder

By _____ Deputy

Fee $2.00

9'

T. 19 R. 46

County MC CONE

RECEIVED
DEC 2 1958
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner SCHOOL DIST 61 Address CIRCLE MONT

Driller DANIEL C HOGGERTY Address LINDSAY MONT

Date Started 12-11-58 Date Completed 12-18-1958

Location: Sec. 9 T. 19 R. 46 ¼ sec. SW¼SW¼

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

Water use: Domestic ☐ Municipal ☑ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

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

Casing: 80 ft. to 169 ft. Type STANDARD Size 4"

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. PERFORATED to ft. 118 Ft. 179 to ft.

Type of screen or perforations slots

Static Water level, for non-flowing well: 118 feet.

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

Pumping water level 140 feet at 4 gal. per min.

How tested: SLUSH BUCKET

Length of test 1 HR.

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

5" CASING DRIVE INTO SOLID CLAY TO SHUT OFF TOP WATER

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	57	Yellow Clay
57	60	Rock #20
60	74	Blue Clay
74	76	Gray Sand #20
76	113	Blue Clay
113	118	Sand #20 1 Gal
118	125	Blue Clay
125	128	Rock
128	167	Grey Clay
167	169	Sand #20 3 Gal

Doc. No. 118373

State of Montana }
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 24th day of December A. D. 19 58 at 3:00 o'clock P.M.

Clerk and Recorder

By _____ Deputy

Fee none

Approved Stock Form—State Publishing Co., Helena, Montana—1196 C-10

File No. 254 T. 19 N R. 46

DUPLICATE County McCone

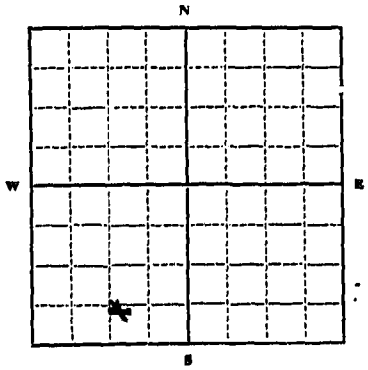
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 2 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. FLOYD E. QUICK INC, of 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. 10 T. 19 R. 46

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946

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 N/A

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1946

8. The depth of water table 120'

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 12' Size Casing - 4"

10. The estimated amount of groundwater withdrawn each year 50,000 gallons per year

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 —

Signature of Owner Floyd E. Quick Inc By Floyd E. Quick Pres

Date Nov 21, 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.

.1651

126851

Water Well Log # 254

State of Montana
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 29th day of
November A. D. 1963
at 8:30 o'clock A. M.

Clerk and Recorder

By Deputy

Fee $2.00

Form 3 GW 2 Revised 1969
13—3M—10/69

RECEIVED
JUN 8 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County McCone 10

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Robert Yarler

Address Circle Mont

Date well started 6-23-70

completed 11-18-70

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

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

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

For Administrator's Use
File 139798 #709
June 6, 1972 11:00 a.m.
GW 1

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
5 1/2	5" ID 15#	0	220	None 13' open hole in bottom filled with gravel		

Static water level 135 ft.*
Pumping water level 199 ft.*
at 6 gallons per minute,
measured minutes after pumping began.
*Measured from ground level.
Well developed by Bailing
for 48 hours.
Power 110 AC Pump 1/2 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) Casing Drove
Bottom of Hole
Gravel packed
inside

SW 1/4 SW 1/4 Sec 10
T. 19 N S R. 46 E W

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

Driller's Signature Daniel S. Hayzeit

Driller's Address Sidney Mont.

LICENSE NO. 17

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	30	Yellow Clay
30	34	Blue Shale
34	35	Trace Sand
35	44	Blue Shale
44	45	Coal
45	65	Blue Shale
65	70	Sand Water Bearing
70	71	Rock
71	102	Blue Shale
102	111	Sand Water Bearing
111	119	Blue Shale
119	128	Coal
128	160	Grey Clay
160	162	Coal Trace H_2O
162	210	Blue Shale
210	231	Sand H_2O
231	233	Blue Shale (Bottom)

233' Show exact depth of bottom

50,546

139798

Water Well Log File #709

State of Montana }
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 6th day of

June, A. D., 1972

at 11:00 o'clock A. M.

Gloris H. Brennan
Clerk and Recorder

By Mary R. Kuckles
Deputy

Fee $2.00

File No. 310

DUPLICATE

T. 19 N R. 46 E

County McCone

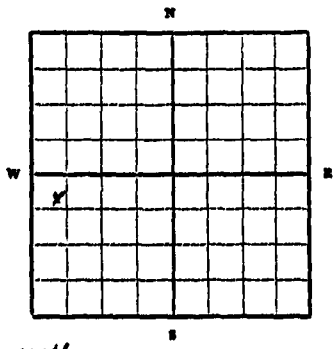
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 16 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert G. Yager, of 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:



NW ~~SW~~ ¼ SW Sec. 13 T. 19 R. 46

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

2. The beneficial use on which the claim is based Domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1958 Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gallons per minute

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

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

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

8. The depth of water table 70 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater four inch well - 80 ft 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 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 Not available

Signature of Owner Robert G. Yager

Date 1/16/1963

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

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

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

36281

DOC. NO. 127061

WATER WELL LOG FILE NO. 310

ROBERT G. YARGER

TO

THE PUBLIC

STATE OF MONTANA)
)SS.
COUNTY OF McCONE)

OFFICE OF COUNTY CLERK & RECORDER

Filed this 26th day of Dec. 1963, A.D.

at 3:30 o'clock p.m.

Henry E. Pipal
COUNTY CLERK

FEE $ 2.00

File No. 309

DUPLICATE

T 19 N R 46 E

County McCone

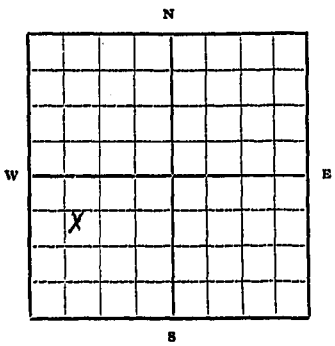
RECEIVED
JAN 16 1964
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert G. Yaegen, of 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~~ NW ¼ ~~¼~~ SW Sec. 15 T 19 R 46

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1943 Continuous use

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1943

8. The depth of water table 100 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater form not well - 125 ft deep

10. The estimated amount of groundwater withdrawn each year 90,000 gallon

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 not available

Signature of Owner Robert G. Yaegen

Date 12/26/1963

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

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

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

36280

DOC. NO. 127060

WATER WELL LOG FILE NO. 309 (309)

ROBERT G. YARGER

TO

THE PUBLIC

STATE OF MONTANA)
)SS,
COUNTY OF McCONE)

OFFICE OF COUNTY CLERK & RECORDER

Filed this 26th, day of Dec. 1963, AD.

at 3:25 o'clock p.m.

County Clerk

FEE $ 2.00

17

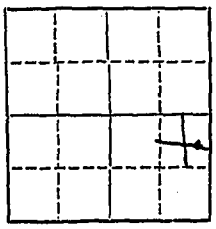
T. 19 R. 46

County MC CONE

RECEIVED
DEC 29 1958
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner MRS FRANK KLAREVES Address CIRCLE MONT.

Driller DANIEL G. HAGGERTY Address LINDSAY MONT

Date Started 12-19-58 Date Completed 12-23-58

Location: Sec. 17 T. 19 R. 46 ¼ sec. NE¼SE¼

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

Water use: Domestic ☑ Municipal ☐ Stock ☑ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 135 ft. Type STANDARD Size 4"

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 SLOTS

Static Water level, for non-flowing well: 75 ft. feet.

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

Pumping water level 75 ft. feet at 2 gal. per min.

How tested: SLUSH BUCKET

Length of test 1 HR.

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

GRAVEL PACKED OUTSIDE ABOVE TOP WATER

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	43	Yellow CLAY H20 1GAL
43	90	GREY CLAY
90	92	COAL
92	128	BLUE CLAY
128	135	GREY SAND H20 3GAL

Doc. No. 118374

State of Montana }
County of McCone } ss.

Office of Clerk and Recorder.
Filed this 24th day of
December A. D., 19 58
at 3:05 o'clock P.M.

Clerk and Recorder

By _____ Deputy

Fee none

GW 2

RECEIVED
JUN 8 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Approved Stock Form—State Publishing Co., Helena, Montana—4855

File No.

T. 19N R. 46E

TRIPLICATE

County Roosevelt

LOG

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)

Top of Ground

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

1	top soil
23	yellow clay
28	gumbo
8	water sand
2	gumbo
4	coal
3	water sand
5	gumbo
4	water sand
20	gumbo
4	water sand
38	gumbo
1	gravel
137	Show exact depth of bottom.

Owner Robert G. Yarger Address Circle, Montana

Driller Ira C. Sand & Sons Address Vaux, Montana

Date of Notice of appropriation of groundwater

Date well started 6/10/71 Date completed 6/14/71

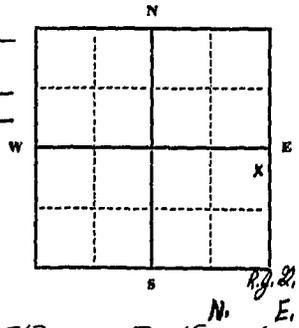
Type of well drilled (Dug, driven, bored or drilled) Equipment used cable tool (Churn drill, rotary or other)

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)
6½"	5" id	0	137	slits	92	104
					124	137

Doc. No. 139800 #711
Filed for record
this 6th day of June
A. D. 19 72, at 11:00
o'clock A.M.



Rg. 2, N. E.

NE + SE¼ Sec. 7 T. 19 R. 46

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 70 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 126 feet

at 4 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested bailed

Length of Test 4 hrs.

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

(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.

37

Driller's License Number

Driller's Signature

50,548

GW 2

File No. _____

TRIPLICATE

LOG

RECEIVED
JUN 8 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Approved Stock Form—State Publishing Co., Helena, Montana—4537

T 19N R 46E

County Ma Sone

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)

Top of Ground

(Elev. above sea level _____)

4	top soil
25	yellow clay
28	gumbo
5	water sand
20	gumbo
4	coal
15	water sand
5	gumbo
4	coarse sand
20	gumbo
8	water sand
18	gumbo
1	gravel
137	

Owner Robert G. Yarger Address Circle, Montana

Driller Ira C. Sand & Sons Address Terry, Montana

Date of Notice of appropriation of groundwater _____

Date well started 6/10/71 Date completed 6/14/71

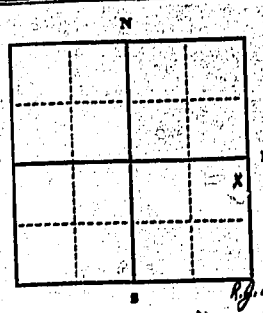
Type of well drilled (Dug, driven, bored or drilled) Equipment used cable tool (Churn drill, rotary or other)

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, and 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)
6¼"	5" 14	0	137	slots	[illegible]	[illegible]

Doc. No. 139800 #711
Filed for record this 6th day of June A.D. 1972, at 11:00 o'clock A.M.



Static Water Level for non-flowing well [illegible] feet

Shut-in Pressure for Flowing Well _____

Pumping Water Level [illegible] feet at 4 gal. per minute

Discharge in gal. per min. of flowing well _____

How Tested bailed

Length of Test 4 hrs.

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

R.G.2, N. E.

NE + SE¼ Sec 12 T 19 R 46

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

37

Driller's License Number

[illegible]

Driller's Signature.

50,548

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.

139800

Water Well Log File # 711

State of Montana
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 6th day of June, A. D. 19 72

at 11:10 o'clock A. M.

Gloria H. Brennan
Clerk and Recorder

By Mary R. Kuckler
Deputy

Fee $2.00

GW 2

File No.....

TRIPLICATE

RECEIVED

JUN 6 1972

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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

T. 19 N R. 46 E.

County Roosevelt

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

yellow clay
15
brown sandy clay
23
25 rock

dry sand

50
54 grey sand
96 (water bearing)
bottom --blue shale

Owner Robert Yarger Address Circle, Montana

Driller Daniel J. Haggerty Address Lindsay, Montana

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

Date well started 2/2/67 Date completed 2/[illegible]/67

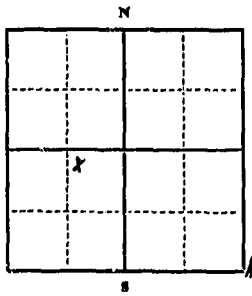
Type of well drilled (Dug, Driven, bored or drilled) Equipment used churn drill (Churn drill, rotary or other)

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	4" 11#	0	96	1/8" slots	54	96

Doc. No. 139799 #710
Filed for record
this 6th day of June
A. D. 19 72, at 11:05
o'clock A. M.



N. E.

NE 1/4 SW 1/4 Sec. 17 T. 19 R. 46

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 25 feet.

Shut-in Pressure for Flowing Well not applicable

Pumping Water Level 90 feet at 7 gal. per minute.

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

How Tested bailed

Length of Test 2 hrs.

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

.....(Continue on reverse side)

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

Show exact depth of bottom.

13

Driller's License Number

Driller's Signature

50,542

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.

GW 2

RECEIVED

JUN 8 1972

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Approved Stock Form—State Publishing Co., Helena, Montana—6123

File No. _____

T 19 N R 34 E

TRIPLICATE

County McCone

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level _____)

yellow clay

15

brown sandy clay

23

26 rock

Owner Robert Yarger Address Circle, Montana

Driller Daniel G. Haggerty Address Lindsay, Montana

Date of Notice of appropriation of groundwater _____

Date well started 2/2/67 Date completed 2/2/67

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

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

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.

dry sand

90

94 gray sand

96 (water bearing)

bottom --blue shale

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	4" 11#	0	96	1/8" slots	94	96

Doc. No. 139799 #710

Filed for record this 6th day of June A. D. 19 72, at 11:45 o'clock A.M.

N

W X E

S

N. E.

NE¼ SW¼ Sec 7 T 19 R 46

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for nonflowing well 94 feet

Shut-in Pressure for Flowing Well _____

Pumping Water Level 90 feet at 7 gal. per minute.

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

How Tested bailed

Length of Test 2 hrs.

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

(Continue on reverse side)

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

Show exact depth of bottom.

#13

Driller's License Number

Driller's Signature

50,542

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.

139799

Water Well Log File # 710

State of Montana
County of McCone } ss.

Office of Clerk and Recorder.

Filed this 6th day of
June, A. D., 1972
at 11:05 o'clock A. M.

Gloria G. Brennan
Clerk and Recorder

By Mary L. Kuckler
Deputy

Fee $2.00

File No. 305

DUPLICATE

T. 19 N R. 46 E

County McCone

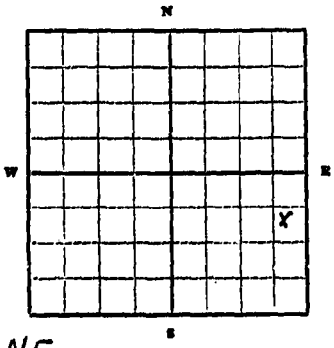
RECEIVED
JAN 16 1964
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert G. Yager (Name of Appropriator), of Circle (Address), Montana (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 ~~SE~~ ¼ SE Sec. 17 T. 19 R. 46

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 12/23/1958 Continuous use

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Date of Commencement - 12/19/1958
Date of Completion - 12/23/1958

8. The depth of water table 110 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater four inch well, 135 ft deep

10. The estimated amount of groundwater withdrawn each year 45,000 gal.

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 Not available.

Signature of Owner Robert G. Yager

Date 12/26/1963

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

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

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

3627