

23

T. 26 N. R. 54 E
County Richland

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
FEB 17 1961

WATER WELL LOG

STATE ENGINEER

Owner Calvin Stepph Address Brockton, Mont.

Driller David Gulbran Address Sidney, Mont.

Date Started Dec. 10, 1960 Date Completed Dec. 30, 1960

Location: Sec. 23 T. 26 R. 54 $\frac{1}{4}$ sec. NW

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: 0 ft. to 174 ft. Type steel Size 6"

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

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

Perforated or Screened: Ft. 150 to ft. 174 Ft. _____ to ft. _____

Type of screen or perforations $\frac{3}{8}$ holes

Static Water level, for non-flowing well: 24 feet.

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

Pumping water level 150 feet at 4 gal. per min.

How tested: Baker & Pump

Length of test 1 week

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	17	Yellow clay
17	121	Blue clay
121	136	Coal
136	145	Blue clay
145	174	Blue sandy clay

271099

U.S. GEOLOGICAL SURVEY
WATER RESOURCES DIVISION
WASHINGTON, D.C.

Jan. 16 day of
3:00 P.M.
5:00 P.M.
D. D. Dyer
Supt. Recorder
Lester
Inge

File No.

T. 26 R. 54 E

DUPLICATE

County. Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

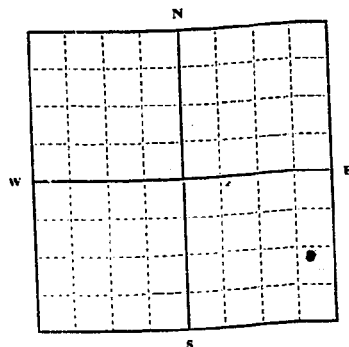
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Clifford V. Martin of 622 3rd. St. S.E. Sidney, Mont.
(Name of Appropriator) (Address) (Town)

County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 26 T. 26 R. 54

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 wall.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950 This well has been in continuous use since it was drilled
4. The amount of groundwater claimed (in miner's inches or gallons per minute) This well will water approximately 50 head of cattle.
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
No irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
pump jack with electric motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1950
8. The depth of water table fifty feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater dug well. galvanized curbing. 1-1/4" pipe 3" cylinder
10. The estimated amount of groundwater withdrawn each year 75,000 gallons - estimate -
11. The log of formations encountered in the drilling of each well if available none available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner

Date

Clifford V. Martin
Dec 30 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.

29523

286224

RECEIVED

30

day of

Dec

1963

2:02

P. M.

E. L. Kaake

L. Sullivan

file #210

filed

File No. _____

T 26

R 54

26

DUPLICATE

Top of Ground

(Elev. above sea level _____)

0-20 brown clay gravel
 20-30 brown clay
 30-39 grey shale
 39-41 coal-
 41-59 grey shale
 59-71 coal sand
 71-92 grey shale
 92-99 grey shaly sand
 99-116 grey shale
 116-151 grey shaly sand
 151-160 brown shale sand
 160-165 grey shale
 165-185 grey shaly sand
 185-200 sandstone water

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

County Richland

OCT 23 1963

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Calvin Stepieler Address Brockton, MontDriller Simpson Drig. Co. Address Malta, Mont

Date of Notice of appropriation of ground water _____

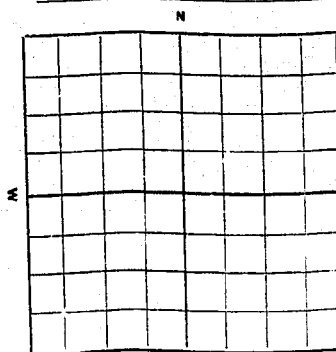
Date well started 9, Oct; 1963 Date Completed 10, Oct 1963

Type of well drilled Equipment used Churn drill
 (dug, driven, bored or Churn, drill, rotary or
 drilled) 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 $\frac{1}{2}$ "	0	191	none		



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 _____ feet.

Shut-in Pressure for Flowing Well _____ feet

Pumping Water Level _____ feet

at _____ gal. per minute.

Discharge in gal. per min. of flowing well _____

_____ g.p.m.

How Tested _____

Length of Test _____

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) _____

open hole 188-200

Driller's License Number

Driller's Signature

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

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

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

STATE OF MONTANA, } ss. 284943
County of Richland,

Filed this 21st day of

Nov. A. D. 19 63.

4:55 o'clock P.M.

E. L. Kooker

County Record

H. Atchison

Deputy

fee: \$2.00
filed

T. 26 N R. 54 E 26
County Richland

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Calvin stopper Address Butte, Mont.
Driller David Gulbrua Address Liberty, Mont.
Date Started Oct. 28, 1960 Date Completed Nov. 24, 1960
Location: Sec. 26 T. 26 R. 54 $\frac{1}{4}$ sec. NW

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

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

Casing: 0 ft. to 90 ft. Type steel Size 6"

Casing: 0 ft. to 123 ft. Type " Size 4"

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

Perforated or Screened: Ft. 95 to ft. 123 Ft. _____ to ft. _____

Type of screen or perforations $\frac{3}{8}$ Holes

Static Water level, for non-flowing well: 7 feet.

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

Pumping water level 115 feet at 15 gal. per min.

How tested: Boiler & pump

Length of test 3 weeks

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

Gravel packed

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	15	Yellow clay
15	18	Coal
18	47	Blue clay
47	57	Blue sandy clay
57	61	Blue clay
61	65	Coal
65	97	Blue clay
97	115	Hard clay
115	173	Blue sandy clay

STATE OF MONTANA, ss. **27/1995**
 County of Richland,
 Filed this 16 day of December, 1995.
12:58 P.M.
 Notary Public
 County of Richland, Montana
Allen Burke
 Filed
 the year

G

File No.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 26 N. R. 54 E

County Richland

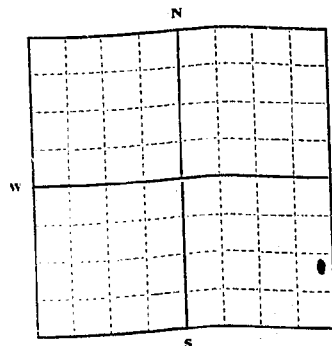
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Clifford V. Martin of 622 1/2 St. S. W. Sidney, Montana
(Name of Appropriator) (Address) (Town)

County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 26 R. 54

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. This well is used just for family use in the house.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1945 This well has been used continuously since it was dug.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) approximately 10,000: gallon a month.
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
No irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
Dug well. Wood curbing. Jet pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1945
8. The depth of water table. fifty-five feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Dug well. Wood curbing. Deep well jet pump.
10. The estimated amount of groundwater withdrawn each year. 120,000: gallons - estimate -
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 Clifford V. MartinDate Dec 30 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.

29522

286223

NORTH DAKOTA,)
County of Golden,) ss.

This 30 day of

Dec 1963

2:00 P.M.

E. L. Karker

Recorder

D. Sullivan

Deputy

for #200

Filed

GROUNDWATER INDEX

Page 1 of 5

County Richland Twp. 26N Rge. 55E

[illegible]

File No.

T. 26 N. R. 55 E

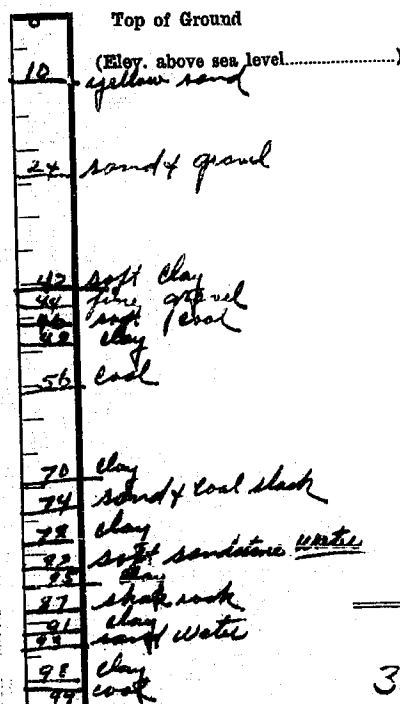
DUPLICATE

County RichmondSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

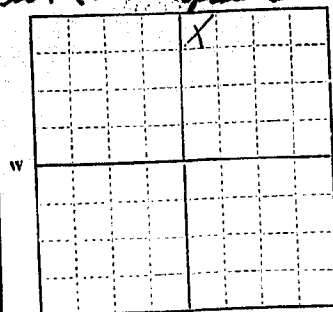
Owner Jim Spongron Address Culbertson, MontDriller Walter Dilling Co Address Med Lake, MontDate of Notice of Appropriation of Groundwater 9-1-62Date well started 9-1-62 Date Completed 9-5-62Type of well drilled Equipment Used rotary
(dug, driven, bored or
drilled) (Churn, drill, rotary or
other)Water 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		
				Klub Size	From (Feet)	To (Feet)
3 7/8"	2 1/2" I.D. steel 6 lb per ft	0	126			

126 clay sand water well flowed

N 1/4 Sec. 1 T. 26 N. R. 55 E
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.....feet.

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

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

Discharge in gal. per min. of flowing well 1 gal per minute

How Tested.....Length of Test.....

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) A steel wellMade 1 ft 9" up from lower end of casing by welding casing around casing, fitting it tight to the earth.
106

Driller's License Number

Lloyd H. Carlson
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.

STATE OF MONTANA, }
County of Richland, }

278834

Filed this 24 day of

at 4:52 o'clock, P. M. A. D. 19 62

E. J. Lander
County Recorder

D. Sullivan
Deputy

Fee \$2.00
file

File No.

DUPLICATE

T. 26 N R 55 E

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

RECEIVED

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Jim Squegum Address Cullerton, Mont.Driller Western Drilling Co. Address Med Lake, Mont.Date of Notice of Appropriation of Groundwater 8-15-62Date well started 8-29-62 Date Completed 8-31-62Type of well drilled Equipment Used rotary
(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)
7 1/2"	5" I.D. steel 15 lbs. per ft.	0	111			

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

14 sand
16 sand & gravel
22 yellow clay
24 sand sup.
26 sand water
37 clay
39 sand sup.
41 clay
43 sand sup.
45 clay
47 sand sup.
49 clay
51 sand sup.
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Handwritten notes and signatures in the top left corner, including a signature that appears to be "J. H. ...".

278833

STATE OF MONTANA, } ss.
County of Richland,

Read this ... day of

Oct. 2 A. D. 1962

4:50 o'clock, P.M.

E. L. ...

County Recorder

(Signature)

Deputy

filed 200

filed

Handwritten note: "J. H. ..."

File No.

DUPLICATE

T. 26 N. R. 55 E.

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

JAN 28 1964

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Henry Miller, Jr. Address Bozeman, MontanaDriller Ray J. Petersen Address Lidney, MontanaDate of Notice of Appropriation of Groundwater 7-28-63Date well started 7-9-63 Date Completed 7-10-63Type of well Drilled Equipment Used Churn drill
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☒

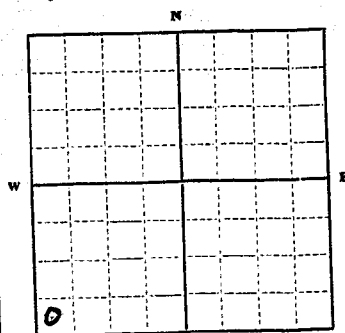
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Top of Ground
(Elev. above sea level. 2,000)

To 4 ft. - topsoil
to 6 ft. - gravel
to 15 ft. - light sand
to 58 ft. - blue and gray clay,
to 62 ft. - gravel.
to 64 ft. - smaller gravel & some water,
to 76 ft. - sand & clay mixed,
to 80 ft. - coal layer & more water,
to 86 ft. clay.
End of well!

Water rises
66 ft in well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4 inch	6 inch O.D. wt. 10.50# per ft.	Surf	86	4 inch round	56	86



SW 1/4 Sec. 6 T. 26 R. 55
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

86 feet
Show exact depth of bottom.

Static Water Level for non-flowing Well 20 feet.Shut-in Pressure for Flowing Well Not the CasePumping Water Level 72 feet at 4 gal. per minute.Discharge in gal. per min. of flowing well Not the CaseHow Tested Drill bailer Length of Test 2 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) Casing iscemented at ground surface for support & sanitation.Driller's License Number 111Driller's Signature Raymond J. Petersen

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.

34203

STATE OF MONTANA, } ss. 287214
County of Richland,

Filed this 22 day of

Jan. A. D. 19 64
at 11:12 o'clock, A. M.

E. L. Harker
County Recorder

D. Sullivan
Deputy

for 22"
J. H. H.

T. 26N R. 35E

County Richland

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
NOV 28 1953

WATER WELL LOG

STATE ENGINEER

Owner H. Robert S. Gurgan Address Andy S

Driller Andy M. Mo Address Sidney

Date Started Aug 12 Date Completed 15-58

Location: Sec. 9 T. 26 R. 35 $\frac{1}{4}$ sec.

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: 10" ft. to _____ ft. Type O-D. Size 6 INCH

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

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

Perforated or Screened: Ft. 10 to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations Cut with cutting torch

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

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

Pumping water level 50 feet at _____ gal. per min. 60

How tested: Drilling

Length of test ONE AND HALF HOUR

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

(over)

Log of Well

[illegible]

File No.

T. 226 N. R. 535 E.

DUPLICATE

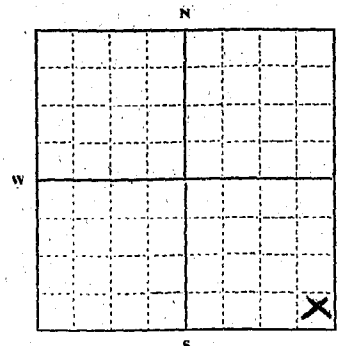
County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. William Ochs of Gold Butte (Town)
(Name of Appropriator) (Address)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 12, T. 24, R. 55

Indicate point of appropriation and place of use, if possible. Each small square represents 40 acres.

2. The beneficial use on which the claim is based Livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous for
since 1954
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Don't know
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by pump and motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater and since 1954
8. The depth of water table 18 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
10. The estimated amount of groundwater withdrawn each year Don't know
11. The log of formations encountered in the drilling of each well if available
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 William OchsDate Jan 2 1964

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.

20138

286900

STATE OF MONTANA, } ss.
County of Richland,

Filed this 3 day of

January A. D. 19 64

at 3:38 o'clock, P. M.

C. L. Koster

County Recorder

C. L. Koster

Deputy

fee \$2.00
files

On

File No.

DUPLICATE

T. 26 N. R. 55 E.

County Richland

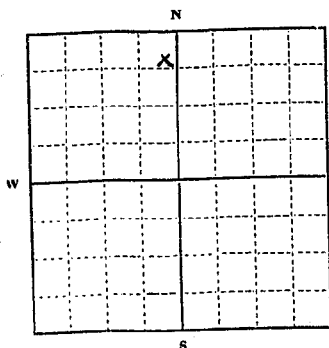
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Henry O. Peterson of Calbertson
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 19, T. 26 N. R. 55 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 Stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1945
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 no
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1945
8. The depth of water table 117 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 Wood casing
10. The estimated amount of groundwater withdrawn each year Daily use
11. The log of formations encountered in the drilling of each well if available Coal & clay
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner

Henry O. Peterson
Date Jan 6 - 1964

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.

30161

STATE OF MONTANA, } ss. 286944
County of Richland,

Filed this 6 day of

Jan. A. D. 19 64.
at 1:12 o'clock, P. M.

D. L. Kooker

County of Richland

R. Atchison

Deputy

Fee: 2.00
filed

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)

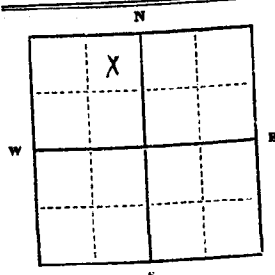
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Henry O. Petersen
Address Culbertson, Montana
Date well started 11/15/72
completed 11/25/72
Type of well drilled
Equipment used rotary
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). _____

For Administrator's Use
File 225108
Dec. 19, 1972 @
1:50 P.M.
GW 1 Helen Gierke, Clerk

ESTIMATED ANNUAL WITHDRAWAL 1,440,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
9"	6 5/8" OD 19#/ft	0	230	1/8" slots	196	221



771 1/4 Sec. 19
T. 26 N. R. 55 E. W. 22

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

Driller's Signature David Gulhaas

Driller's Address RR 1 Box 203-B

Sidney, Montana LICENSE NO. 94

County Richland

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-	23	yellow clay
23-	27	rock
27-	48	yellow clay
48-	132	blue clay
132-	142	rock
142-	137	blue sandy clay
137-	180	blue clay
180-	196	blue sandy clay
196-	221	sandstone(water)
221-	230	blue clay

230' Show exact depth of bottom

52,050

325108

325108

STATE OF MONTANA, } ss.
County of Richland,

Filed this 19 day of
December A.D. 1972
at 1:50 o'clock P.M.

Nelson Drake
County Recorder

Deputy

Fee \$2.00
filed

T. 26N R. 55E
 County Rutland
 RECEIVED
 NOV 24 1959

MONTANA BUREAU OF MINES AND GEOLOGY
 Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner Jim Sprague Address Andys mont
 Driller Andy Moko Address Sidney
 Date Started Aug 15 Date Completed 1958
 Location: Sec. 20 T. 26 R. 55 1/4 sec.

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

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

Casing: 125 ft. to _____ ft. Type OP Size 6 inch
 Casing: _____ ft. to _____ ft. Type _____ Size _____
 Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 22 to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations cut with cutting torch

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

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

Pumping water level 20 feet at 12 gal. per min. 12

How tested: Bailed

Length of test three hours

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

(over)

Log of Well

[illegible]

RECEIVED
AUG 29 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

T. 26 N R. 55 E
County Richland

	X	

Owner Fred Thompson Address Andes, Mont.
Driller Tom Sluiter Address Savage, Montana
Date Started Aug. 14, 1958 Date Completed Aug. 15, 1958
Location: Sec 26 T 26 R 55 $\frac{1}{4}$ sec. Range 55

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

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

Casing: steel ft. to 100 ft. Type steel Size six inch

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

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

Perforated or Screened: Ft. perforated 4 ft. the last 45 ft. to ft.

Type of screen or perforations perforations

Static Water level, for non-flowing well: approx 96 feet feet.

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

Pumping water level 94 feet at 5 gallons gal. per min.

How tested: SPIN Pump attached

Length of test four days

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	20	Topsoil
20	30	Sand & Gravel
30	50	Blue Clay
50	70	Wash vein coal
70	100	Blue Shale

259106

STATE OF MONTANA }
County of Richland }

Filed this *28* day of *Aug.* A.D. 19*58*

115 Clerk J.A.M.
E.S. Harker
County Recorder
G. G. G.
Deputy

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 Baker Pluricon
Address Orbertson, Montana

Date well started 12 Oct. 1977
completed 14 Oct. 1977

For Administrator's Use	
File	<u>320570</u>
	<u>October 14, 1977</u>
	<u>21.15 ft.</u>
GW 1	

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

Equipment used chain (Chain drill, rotary or other)

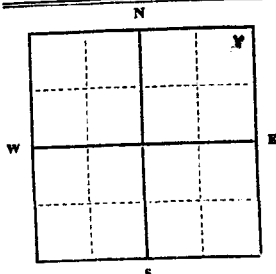
Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☒* Garden/Lawn ☐

*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 275,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
12"	4" 77#	0	125'	trench slots	73	94



Static water levelft.*
Pumping water level 62ft.*
atgallons per minute,
measured 7 minutes after pumping
began. 30
*Measured from ground level.
Well developed by
forhours. bailor
Power 1 Pump HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

1/2 1/4 1/8 Sec. 29E
T. 26 S. 55 W.

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

Driller's Signature [Signature]

Driller's Address Box 1102 Sidney, Montana

LICENSE NO. 177

OCT 15 1977

County Richland

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	7	clay gravel
7	4	brown clay
4	48	grey shale
48	59	coal
59	115	grey sandy shale sand streaks water

Show exact depth of bottom

125

49228

320540

STATE OF MONTANA, } ss.
County of Richland, }

Filed this 14 day of

Oct A. D. 19 71

at 4:15 o'clock, P.-M.

Helen Hicks
County Recorder
Joy Costenyer
Deputy

Fee \$2.00

Filed

File No.

DUPLICATE

T. 26 N. R. 55 E

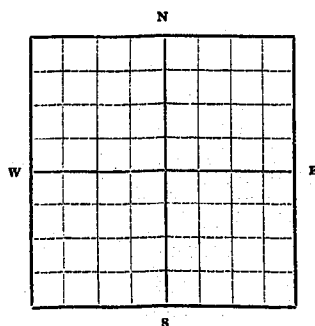
County. Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 13 1962

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

Frances Jorgensen (formerly Frances Finnicum) of P. O. Andes
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. R.

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 well
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1958 with continuous use since that date
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 None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump and pump jack - NW 1/4 of Sec. 29, Twp. 26 N., Rge. 55 E., M.P.M.
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 54'
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 2' casing - 76 to 100'
10. The estimated amount of groundwater withdrawn each year 468,720 gallons
11. The log of formations encountered in the drilling of each well if available None available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None

Signature of Owner Frances Jorgensen

Date June 13, 1962

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.

278511
STATE OF MONTANA, } ss. 278511
County of Richland,

Filed this 7 day of

September A. D. 1962

at 2:27 o'clock, P. M.

E. L. Hadden
County Recorder

R. W. HARR
Deputy

File No.

DUPLICATE

T 26 N. R 55 E.

County Richland

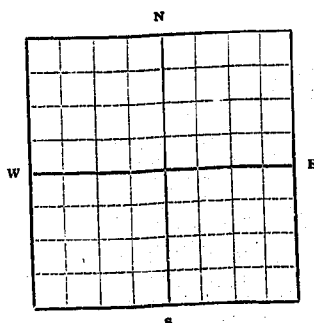
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

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

STATE ENGINEER

1. Frances Jorgensen (formerly Frances Finnicum) of P. O. Andes
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



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

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 use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1919 with continuous use since that date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gallons per minute - daily use for drinking, washing, etc.
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 Pressure pump on Lot 4, Sec. 30, Twp. 26 N., Range 55 E., N.P.M.
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 14'
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 22' deep - hand dug - 24" casing
10. The estimated amount of groundwater withdrawn each year 73,000 gallons (estimated) yearly
11. The log of formations encountered in the drilling of each well if available None available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Frances Jorgensen
Date June 13, 1962

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.

2073

STATE OF MONTANA, } ss. 278512
County of Richland,

Filed this.....7..... day of

September.....A. D. 19*62*

at.....*3:28*.....o'clock, *P.*M.

E. L. Hartill
County Recorder

R. L. Hagg
Deputy

fee \$2.00 *filed*

File No.

T. 26 N. R. 55 E.

DUPLICATE

County. Richland

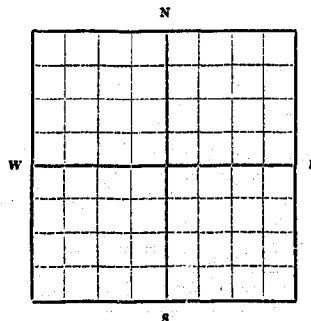
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

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

STATE ENGINEER

1. Frances Jorgensen (formerly Frances Finnicum), of P. O. Andes
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



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

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 well
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1947 with continuous use from that date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Hand pump, domestic use - 6 gallons per minute as required daily
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 on Lot 4, Sec. 30, Twp. 26 N., Rge. 55 E., M.F.M.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1947
8. The depth of water table 14'
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 27'
10. The estimated amount of groundwater withdrawn each year 18,250 gallons (estimated) yearly
11. The log of formations encountered in the drilling of each well if available None available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Frances Jorgensen

Date June 13, 1962

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.

2074

STATE OF MONTANA, } ss. 978513
County of Richland,

Filed this 7 day of
September A. D. 19 62
at 3:30 o'clock P. M.

E. L. Harker
County Recorder
Rita Harker
Deputy

for \$2.00 file

G

File No.

T. 26 N. R. 55 E.

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

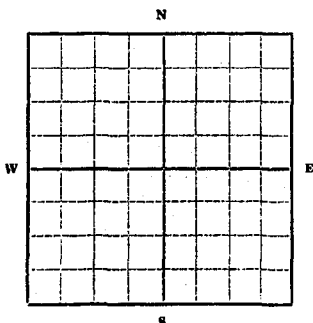
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED

STATE ENGINEER

1. Frances Jergensen (formerly Frances Finnicum) of P. O. Andes
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



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

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 well
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1957 with continuous use since that date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gallons per minute, 5 hours per day, 12 months per year
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 other than for garden plot
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump and pump jack - 16" drilled well and 24" casing on Lot 4, Sec. 30, Twp. 26 N., Rge. 55 E., N.P.M.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1957
8. The depth of water table 14'
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 16" drilled well - 24" casing, means of withdrawal is by pump and pump jack
10. The estimated amount of groundwater withdrawn each year 657,000 gallons
11. The log of formations encountered in the drilling of each well if available None available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Frances Jergensen

Date June 13, 1962

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.

2075

278514

STATE OF MONTANA, } 278514
County of Richland,

Filed this 7 day of
September A. D. 19 67
at 3:30 o'clock P. M.

E. J. Kasper
County Recorder

John Kasper
Deputy

for 2nd juv

G

File No.

T. 26 N., R. 55 E.

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

Declaration of Vested Groundwater Rights

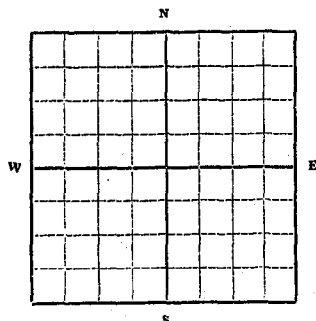
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Frances Jorgensen (formerly Frances Finnicum) P. O. Andes
(Name of Appropriator) (Address) (Town)

County of Richland State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



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

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 well
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1957 with continuous use since that date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gallons per minute, 5 hours per day, 4 months per year
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 and pump jack on 36' drilled well-6" casing. SW 1/4, Sec. 32, Twp. 26 N., Rge. 55 E., M.P.M.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1957
8. The depth of water table 20'
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, 36' deep - 6" casing
10. The estimated amount of groundwater withdrawn each year 223,200 gallons based on 6 gal. per minute, 5 hours per day, 4 months per year
11. The log of formations encountered in the drilling of each well if available None available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None

Signature of Owner Frances Jorgensen

Date June 13, 1962

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.

2071

STATE OF MONTANA, } - 278509
County of Richland,

Filed this 27 day of
September A. D. 19 62
at 3:35 o'clock, P. M.

E. L. K. K. K.
County Recorder
R. L. K. K. K.
Deputy

fee \$2.00

filed

GROUNDWATER INDEX

Page 1 of 6

County Richland Twp. 26 N Rge. 56 E

[illegible]

File No.

T260 R 565

DUPLICATE

County Richland

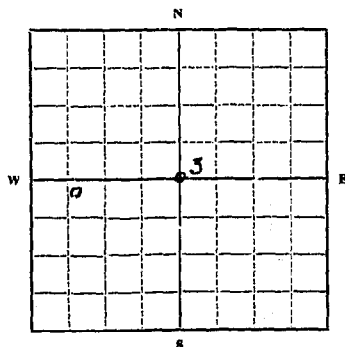
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

R
JAN 10 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Conrad W. Gustafson, of Culbertson
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N. 1/4 Sec. 3, T. 26 N. R. 56 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.
Domestic and Stock water.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1907

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 12 gals. 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.
Lana and garden

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1907

8. The depth of water table.

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 hand pump

10. The estimated amount of groundwater withdrawn each year. 500,000 gals.

11. The log of formations encountered in the drilling of ~~well~~ well if available. None 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

Signature of Owner Conrad W. Gustafson

Date 12-27-63

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.

29507

286208

STATE OF MONTANA,
County of Richland,

Filed this 30 day of
December A.D. 1963
at 1:30 o'clock P.M.

E. L. Hooker
County Clerk
E. Calk
Deputy

fee \$2.00
filed

G

Approved Stock Form—State Publishing Co., Helena, Montana—39089

File No.

T. 26 N. R. 56 E.

DUPLICATE

County Richland

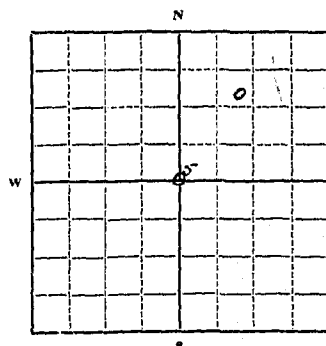
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Conrad W. Gustafson, of Culbertson
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W. 1/4 Sec. 2 T. 26 N. R. 56 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...
Stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...
1957

4. The amount of groundwater claimed (in miner's inches or gallons per minute)...
8 gals 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
Stock water only

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Drill - w. d. well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...
1957

8. The depth of water table.....

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 - 6 inch casing

10. The estimated amount of groundwater withdrawn each year...
240,000 gals

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

Signature of Owner Conrad W. Gustafson

Date 12-27-63

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.

29506

286207
STATE OF MONTANA, }
County of Richland, } ss.
Filed this 30 day of
December A. D. 1963
at 1:28 o'clock, P. M.
E. L. Hooker
County Recorder
E. Hooker
Deputy

for \$200
filed

T 26 R 5-6 E

County Richmond

DEC 16 1964

JUN 16 1964

15 - 114121 - 10

Figure 1 is a 4x4 grid map showing the spatial distribution of the number of fish caught in each cell. The grid is divided into four quadrants by a vertical line (East/West) and a horizontal line (North/South). The quadrants are labeled: NW (North West), NE (North East), SW (South West), and SE (South East). The number of fish caught in each cell is indicated by a number in the center of the cell. The numbers are: NW (6, 5, 4, 3), NE (7, 6, 5, 4), SW (7, 6, 5, 4), and SE (7, 6, 5, 4).

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

- Signature of Owner *William B. Thomas*

Date Dec 28 1963

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.

29465

NOTARIAL PUBLIC, TARRANT
County of Tarrant, Texas. ss. 286161
I, the undersigned, do hereby certify that on the
30 day of
December A.D. 1963.
at 11:56 P.M.
C. L. Kooker
County Recorder
C. Cook
Deputy

fee \$20.
filed

File No.

T 26 N 56 E

DUPLICATE

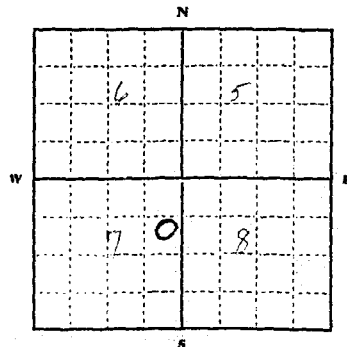
County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Helena B. Palmer, of Culbertson, Montana
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 7 T. 26 R. 56

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

2. The beneficial use on which the claim is based For Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1960
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Total Capacity
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 to date
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
By Engine

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Dec 8 - 1960
8. The depth of water table 25 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 124 feet deep 4 1/2 in Casing
10. The estimated amount of groundwater withdrawn each year Not estimated
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 Helena B. Palmer

Date Dec 28, 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.)

29466

STATE OF MONTANA, }
County of Richland, } ss. 286162

FILED 30 day of
December A.D. 1963
at 11:58 P.M.
C. L. Kroger
County Recorder
C. Cook
Deputy

File No.

T. R. R. 56 E.

DUPLICATE

County Richmond

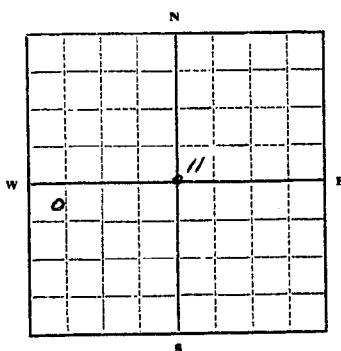
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Conrad W. Gustafson, of Colbert (Town)
(Name of Appropriator) (Address)
County of Richmond State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N. 1/4 Sec. 11, T. 24 N. R. 56 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.....
Stock Water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
1907
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
8 gals. 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.....
Stock Water only
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Pump and electric motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
1907
8. The depth of water table.....
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 hand pump
10. The estimated amount of groundwater withdrawn each year.....
300000 gals
11. The log of formations encountered in the drilling of each well if available.....
None 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

Signature of Owner Conrad W. Gustafson

Date 12-27-63

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.

29508

286209

STATE OF MONTANA,
County of Richland,

Filed this

30

December

63

1:22

P.

E. L. Kooker

County Clerk

E. Cook

Deputy

for \$200
filed

48502

STATE OF MONTANA, } ss. 319054
County of Richland, }

Filed this 21 day of
May A. D. 19 71
at Helena o'clock, A.M.

Helen L. Lister
County Recorder

James F. Lister
Deputy

Fee * 2.00

Filed

FILED TO BE OPENED UP
FOR 1 YEAR FROM DATE OF RECORDING

File No.

DUPLICATE

T. 26 N. R. 56 E.

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

JUN 9 1964

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Emmett Baxter Address Helena, MontanaDriller Ray J. Petersen Address Helena, MontDate of Notice of Appropriation of Groundwater May 8-1964Date well started 4-28-64 Date Completed 4-29-64Type of well Drilled Equipment Used Churn 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 Size	From (Feet)	To (Feet)
8 inch	6" O.D.	surface	6.5 ft	none		
	10-3/4" O.D.	rising in lower 8 ft. coal min.				

Static Water Level for non-flowing Well 11 feet.Shut-in Pressure for Flowing Well Not the casePumping Water Level 5.0 feet 7 gal. per minute.Discharge in gal. per min. of flowing well Not the caseHow Tested Drill holes Length of Test 2 hrs.Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) Casing is cemented at ground level for support in sanitation.Driller's License Number 111Driller's Signature Raymond J. Petersen

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.

38164

STATE OF MONTANA, } ss. 28978
County of Richland, }

Filed this 8 day of
June A. D. 1964

at 1:15 o'clock P. M.

E. H. Kooker
County Recorder

D. Sullivan
Deputy

fee: 2.00
filed

4807

STATE OF MONTANA, } ss. 317650
County of Richland, }

Filed this 28 day

January A. D. 19 71.

at 2:30 o'clock, P.M.

Allen Burke
County Recorder

Gene Paladichuk
Deputy

Filed

\$9.00

File No.

T. 26N R. 56E

DUPLICATE

County Richland

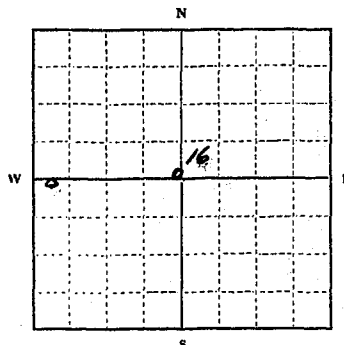
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 30 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Everett A. Baxter, of Culbertson,
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N. 1/4 Sec. 16 T. 26N R. 56E

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 1938
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gals 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 Stock only
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump - windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1938
8. The depth of water table 51 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 6 inch casing
10. The estimated amount of groundwater withdrawn each year 240,000 gals per year
11. The log of formations encountered in the drilling of each well if available None 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

Signature of Owner

Everett A. BaxterDate 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.

30155

286917

STATE OF MONTANA, } ss.
County of Richland, }

Filed this 3 day of
January A.D. 1964
at 3:55 o'clock P.M.

E. L. Kasper
County Recorder
John Burke
Deputy

Dec 20⁰⁰
Filed