32769

FILED

At 4:05 O'Clock P M

November 30, 1971

D. L. Ross

County Clerk and Ex-Officio Recorder of

Custer County, Montana

By Fee 2.00

Deputy

GW 2 Revised 1969
13—3M—10/69

32768

MONTANA WATER RESOURCES BOARD
RECEIVED
DEC 3 1971

County Custer

26

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 Jack Deibel, Pres. Jack Deibel cattle & cattle Co.

Address Volborg, Mont.

Date well started 11-4-71

completed 11-4-71

For Administrator's Use
File
GW 1

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

Equipment used rotary (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

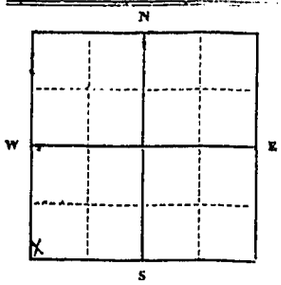
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	4" 10#	0	25	⅛x4" slotts	15	25



Static water level 7 ft.*
Pumping water level 15 ft.*
at 15 gallons per minute,
measured minutes after pumping began.
*Measured from ground level.
Well developed by pumping
for 1 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

¼ ¼ Sec. 26
T. 1 N/S R. 48 E/W

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

Driller's Signature Earl Drone

Driller's Address Roadus, Montana

LICENSE NO. 20

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	11	yellow clay
11	24	sand & gravel
24	25	blue clay

25 Show exact depth of bottom

32768

FILED

At 3:55 O'Clock PM

November 30 1971

L. J. Mance

County Clerk and Ex-Officio Recorder

Custer County, Montana

By _____

3 GW 2 Revised 1969
13—3M—10/69

32768

MONTANA WATER RESOURCES BOARD
RECEIVED
DEC 3 1971

County Custer 26

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 Jack Deibel

Address Volborg, Mont.

Date well started 11-4-71

completed 11-4-71

For Administrator's Use
File 32768
Nov. 30, 1971 3:55 P.m.
GW 1

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

Equipment used rotary
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

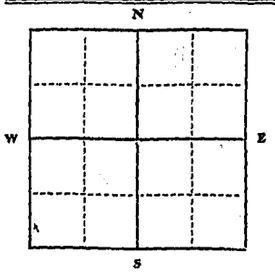
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	4" 10#	0	25	¼x4" slotts	15	25



Static water level 7 ft.*
Pumping water level 15 ft.*
at 15 gallons per minute,
measured minutes after pumping began.
*Measured from ground level.
Well developed by pumping
for 1 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

¼ ¼ Sec. 26
T. 1 N/S R. 48 E/W

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

Driller's Signature Earl Drane

Driller's Address Broadus, Montana

LICENSE NO. 20

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	11	yellow clay
11	24	sand & gravel
24	25	blue clay

25 Show exact depth of bottom

49521

32768

FILED

At 3:55 O'Clock P. M

November 20 1971

[illegible]

County Clerk and Ex-Officio Recorder of

Custer County, Nebraska

By Fee [illegible]

28

File No.

DUPLICATE

T 1N R 48E

County Custer

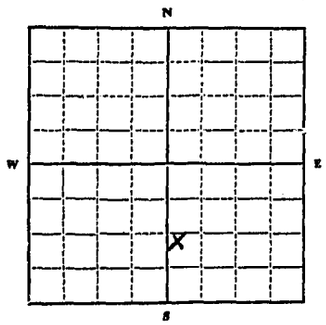
RECEIVED
NOV 18 1963
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Milton C. Simpson, of Volborg
(Name of Appropriator) (Address) (Town)
County of Custer State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW ¼ SE Sec 28 T 1N R 48E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May 1920 continuously

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: not known

8. The depth of water table: 15' to 75'

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; 4" - 75'

10. The estimated amount of groundwater withdrawn each year: not known

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

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

Signature of Owner M. C. Simpson

Date 10-28-63

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.

7099.

10261

FILED

At 9:40 O'Clock a m

Nov. 15 1963

H. E. Anderson

County Clerk and Ex-Officio Recorder

Custer County, Montana

By _____

Deputy

35

File No.

DUPLICATE

T. 1N R. 48E

County Custer

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 18 1963
STATE ENGINEER

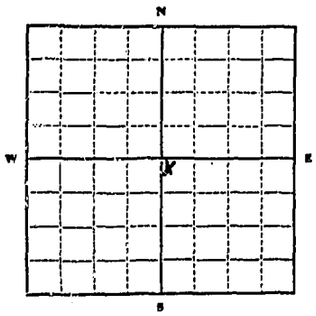
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Milton C. Simpson (Name of Appropriator), of (Address) Volborg (Town)

County of Custer State of Mont

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



NW ¼ SE Sec. 35 T. 1N R. 48E

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

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

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

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

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 electric pump

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

8. The depth of water table 12' To 40'

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; 4"; 40'

10. The estimated amount of groundwater withdrawn each year not available

11. The log of formations encountered in the drilling of each well if available 0 To 17' surface Soil; 17' To 40' gravel

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

Signature of Owner M. C. Simpson

Date

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.

7098

35

ED

3

NEER

10260

FILED

At 9:35 O'Clock a.m.

Nov. 15 1963

H.S. Anderson

County Clerk and Ex-Officio Recorder

Custer County, Montana

By _____ Depu

7098

Map for reference 35
C.S.H.

T-1N-R-48E

STATE OF MONTANA

OIL AND GAS CONSERVATION COMMISSION

SAVINGS BUILDING
BOX 217
HELENA, MONTANA

26 September 1962

RECEIVED
STATE ENGINEER

Fred E. Buck
State Engineer
Mitchell Building
Helena, Montana

Dear Mr. Buck:

This is to advise that a well drilled by Gulf Oil Corporation as Simpson well #1 south of center in NW¼SW¼ of Section 35, Township 1 North, Range 48 East, Custer County, is being saved as a water well by the landowner. We have not, as yet, received a log on this well, therefore, we can not give you depth or casing information. The name and address of the landowner is: Milton C. Simpson, Volborg, Montana.

Yours sincerely,

James F. Neely

James F. Neely
Executive Secretary

JFN:bw

35

GROUNDWATER INDEX

Page ___ of ___

County CUSTER Twp. 1N Rge. 49E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	ALLEN CATTLE CO.	GW-2	14517	
5	ALLEN CATTLE CO.	GW-4	10968	
6	ALLEN, C.M. & SON, INC.	GW-4	10970	
18	ALLEN CATTLE CO.	GW-4	10968	SAME AS SEC. #5
19	ALLEN CATTLE CO.	GW-4	10968	SAME AS SEC'S
22	BIRD, RAYMOND W.	GW-4	11098	
26	BIRD, JULIA A.	WATER WELL LOG GW-4	188767 11096	
27	BIRD, RAYMOND W.	GW-4	11097	
28	SIMPSON, MILTON C.	GW-4	10264	
31	SIMPSON, MILTON C.	GW-4	10259	
33	SIMPSON, MILTON C.	GW-4	10263	
34	BIRD, PERCY J.	WATER WELL LOG	188766	
34	DEIBEL, GLADYS I.	GW-4	11197	
36	BIRD, HAROLD	GW-2	21600	

File No._____
Filed: _____ 19__
at _____ __. M.

Clerk and Recorder
Powder River County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T 1N R 49E 1
Custer

Recd Nov 12 1964

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL
(Under Chapter 237, Montana Session Laws, 1961)

OWNER Allen Cattle Co. Address Volborg, Mont.

DRILLER Earl Drane Address Broadus, Mont.

Date of Notice of Appropriation of Groundwater _____

Date well started Oct. 1964 Completed Oct. 1964

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

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

Top of Ground (Elev. above sea level_____)

0	3	top soil
3	10	yellow sand
10	13	rock
13	50	shale
50	52	rock
52	95	shale
95	110	sand
110	130	shale
130	132	rock
132	155	shale
155	170	sand
170	186	shale

Indicate on diagram character and thickness of different strata met in drilling -ei, soil, clay, shale, gravel, rock, sand. Show depth at which water is found, thickness and character of water-bearing strata and height to which water rises in well.

Size of Drilled Hole	Size & Weight of Casing	From (feet)	To (feet)	PERFORATIONS Kind Size	From (feet)	To (feet)
6"	4"	9½#	0	186	¼x4 slotts	95 110
						155 170

Static Water Level for non-flowing well 80 feet.
Shut-in Pressure for Flowing Well _____
Pumping Water Level 162 feet at 8 gal. per minute.
Discharge in gal. per min. of flowing well _____
How Tested pumping Length of Test 2hrs.
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of use if not at well, other similar pertinent information, including number of acres irrigated, if any)

N
W E
S
½ 1 Sec. T. 1 R. 49

20
Driller's License Number

Earl Drane
Driller's Signature

STATE OF MONTANA)
County of _____)SS.

_____ having first been duly sworn, depose__ and say_____ that __he__ _____ of lawful age and _____ the appropriator__ and claimant__ of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation by means of well and the person__ whose name _____ subscribed thereto, as the appropriator__ and claimant__, that __he__ know__ the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me, this _____ day of _____, 196_____

38647 B

14517

FILED

At 9:25 O'Clock A. M.

Nov. 2 1974

H. E. Anderson

County Clerk and Ex-Officio Recorder of

Custer County, Montana

By _____ Deputy

File No.....

T. 1N R. 49E

6

DUPLICATE

County Custer

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

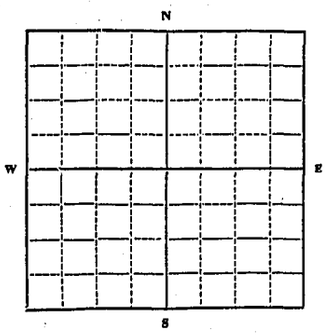
RECEIVED
DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. C. M. Allen & Son, Inc., of Miles City
(Name of Appropriator) (Address) (Town)

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



.....¼..... 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 Livestock water and flood irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1926 to 1960 continuous since completion.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) All that is required for livestock and all that ground absorbs while being flooded.

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 Sec. 6—1N—49 E. 80 acres.
C. M. Allen & Son, Inc.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Windmills Sec. 6—1 N—49 E.

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 10 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 4 in. casing 1¼ in. drop pipe, 2½ in. cylinder 36 ft. deep.

10. The estimated amount of groundwater withdrawn each year All that is required for livestock.

11. The log of formations encountered in the drilling of each well if available Clay, sand, gravel.

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 C. M. Allen

Date 12-19-63

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.

13941

1970

FILED

At 9:23 O'Clock A. M.

Dec. 27 1963

J. E. Anderson

County Clerk and Ex-Officio Recorder of

Custer County, Montana

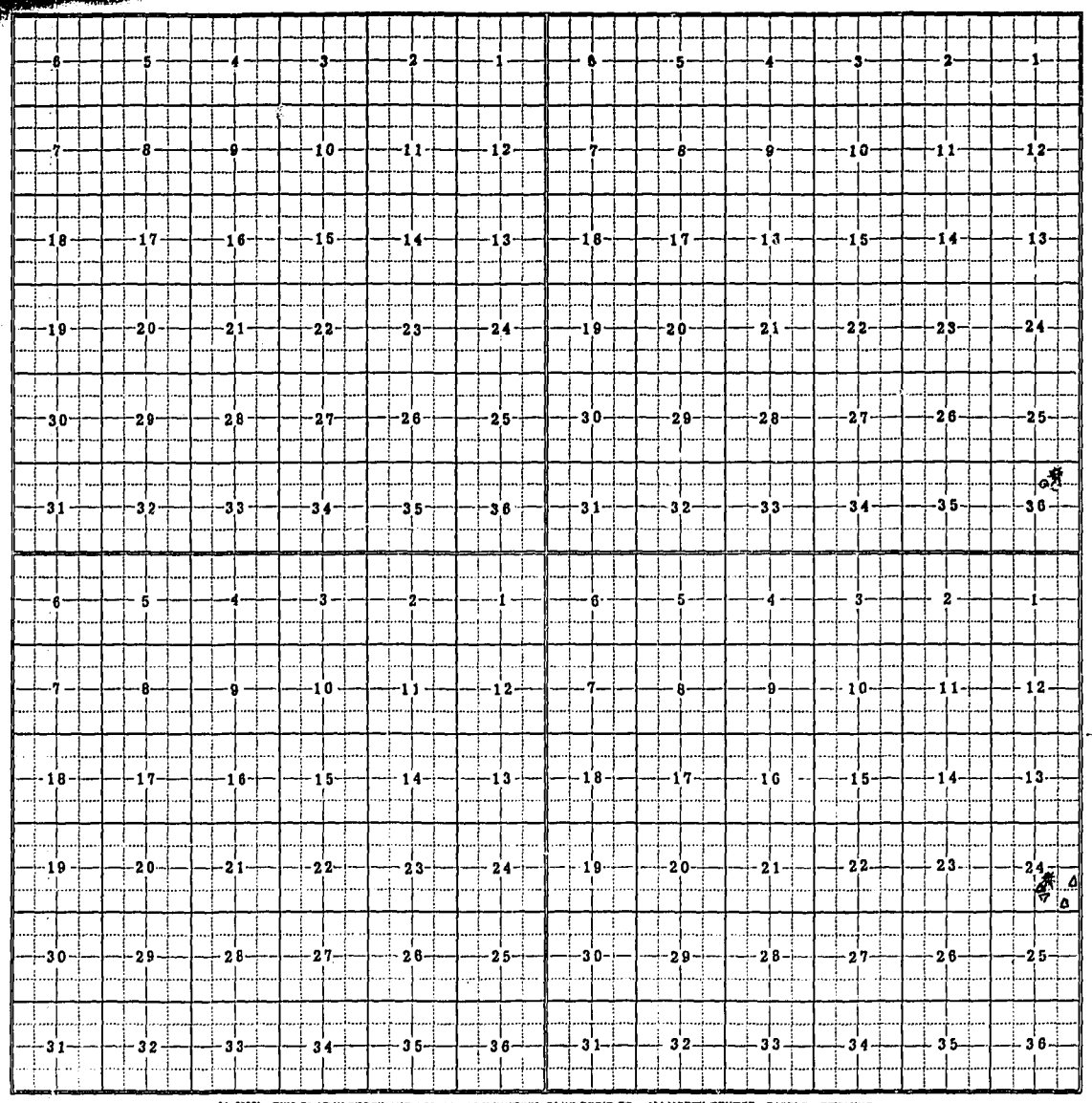
By _____

Deputy

C.M. ALLEN & SON, INC.

COUNTY CUSTER STATE MONTANA

TOWNSHIP _____ RANGE I N---48 E



Wells

Δ Dams

Q Springs

RECEIVED
JAN 14 1965
STATE ENGINEER

File No.....

DUPLICATE

T 1 N R 49 E

County Custer

5/18/19

Duplicated Document No.

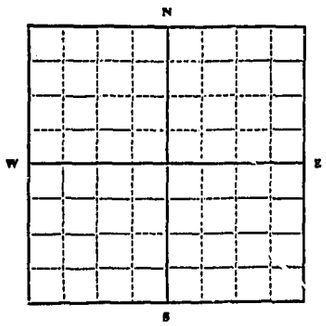
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 ..
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Allen Cattle Co., of Miles City
(Name of Appropriator) (Address) (Town)
County of Custer State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



.....¼..... 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. Livestock water and flood irrigation dams.

3. Date or approximate date of earliest beneficial use and how continuous the use has been. 1936--1945 continuous since completion.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). All that is required to water livestock.

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.W of S.W, N.E.-S.E of S.W, N.W of S.E- S.E-N.W-N.E-S.W and S.W of N.E sec.5-IN-49E 125 acres. N.E of N.E-N.E. of S.W-S.E of S.W-N.E of S.W. N.W of S.W-S.E of SW S.W of S.W- 225 acres. Allen Cattle Co.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Windmills and electric motors. Sec.5-18-19- IN-49E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1945 to 1963

8. The depth of water table. 5 to 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. 4in. casings, 1¼in. drop pipe, 2 to 2½in. cylinders. Wells 60 to 195ft. deep.

10. The estimated amount of groundwater withdrawn each year. All that is required.

11. The log of formations encountered in the drilling of each well if available. Shale, sand, coal, clay and gravel.

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. C. O. Allen

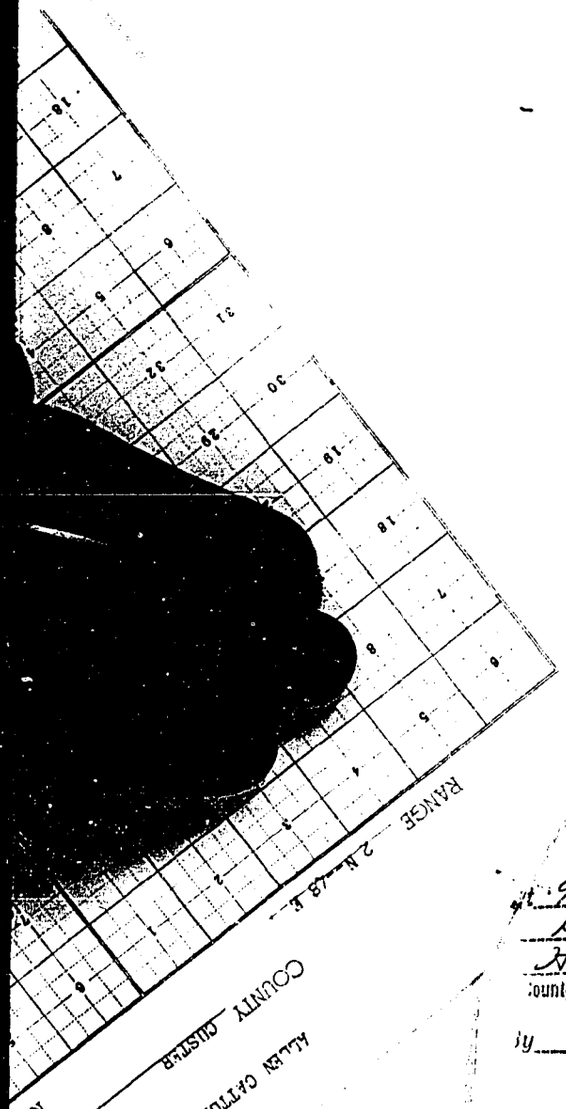
Date. 12-18-63

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.

13939



10968

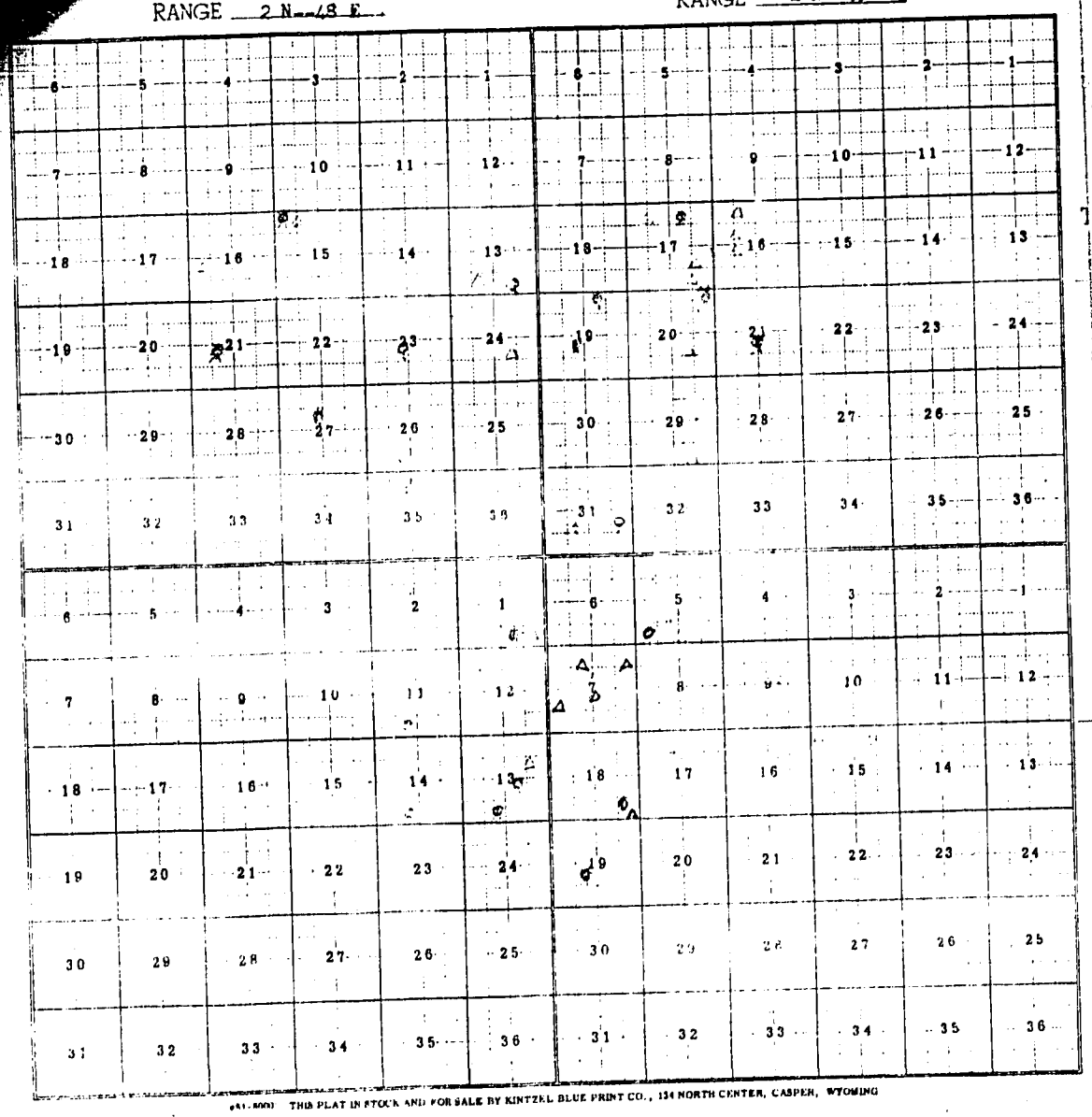
FILED

at 9:19 O'Clock a. M.
Dec. 27 1963
H. E. Anderson
County Clerk and Ex-Officio Recorder of
Custer County, Montana
By _____ Deputy

ALLEN CATTLE CO.

COUNTY CUSTER STATE MONTANA

RANGE 2 N--48 E RANGE 2 N--49 E



Wells

△ Dams

Springs

GW

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

File No.

DUPLICATE

T 1 N R 49E

County Custer

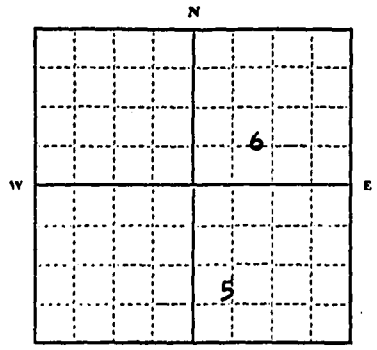
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Raymond W. Bird, of Volborg
(Name of Appropriator) (Address) (Town)
County of Custer State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



#5 SW¼SE Sec 22 T 1N R49E
#6 SW¼NE Sec. 22 T 1N R 49E

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
#5 Stock #6 Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
#5 1930 #6 1930

4. The amount of groundwater claimed (in miner's inches or gallons per minute) #5 1 gallon per minute
#6 1 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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
#5 surface spring
#6 surface spring

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater #5 1930
#6 1930

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 #5 surface spring
#6 surface spring

10. The estimated amount of groundwater withdrawn each year #5 525,620 gallons
#6 525,620 gallons

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 Harold H. Bird (Son)

Date December 27, 1963

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

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

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

14041

1098

FILE

at 12:20 O'Clock P.M.

Dec. 30 1963

H. E. Anderson

County Clerk and Ex-Officio Recorder

Custer County, Montana

GW 4

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

26

File No.

T. 1N R. 49E

DUPLICATE

County Custer

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

RECEIVED DEC STATE ENGINEER

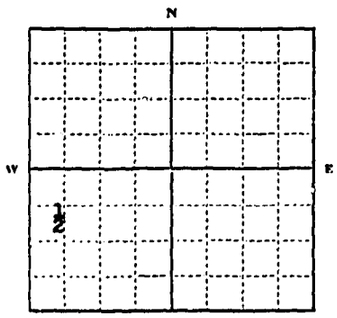
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Julia A. Bird (Name of Appropriator), of Volborg (Address) (Town)

County of Custer State of Montana

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



#1 NW¼SW Sec. 26 T 1N R49E

#2 NW ¼ SW Sec. 26 T 1N R. 49E

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 #1 House & Stock
#2 Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
#1 1958 - continuous
#2 1916 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) #1 15 gallons per minute
#2 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
#1 Submersible pump, 1 H.P.
#2 2½ cyl. windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater #1 1958
#2 1916

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
#1 230 feet 4" casing
#2 145 feet 4" black iron casing

10. The estimated amount of groundwater withdrawn each year #1 3,942,000 gallons #2 1,314,000 gallons

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 Harold A. Bird (SON)

Date December 27, 1963

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

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

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

14039

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1963

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14039

FILED

12:16 O'Clock P. M.
Dec 30 1963

Ida Anderson
County Clerk and Ex-Officio Recorder of
Custer County, Montana

Deputy

26

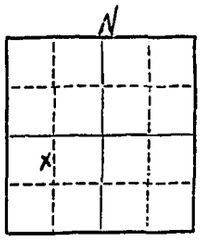
T. 1N R. 49E

County CUSTER

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

WATER WELL LOG



Owner JULIA A. BIRD Address COALWOOD, MONT.

Driller BANDY DRILLING CO. Address BROADUS, MONT.

Date Started OCT. 29-1957 Date Completed OCT. 30-1957

Location: Sec. 26 T. 1N R. 49E ¼ sec. SW

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

Water use: Domestic [X] Municipal [ ] Stock [X] Irrigation [ ]

Industrial [ ] Drainage [ ] Other:

Casing: 0 ft. to 230 ft. Type BLACK PIPE Size 4 INCH

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 188 to ft. 230 Ft. to ft.

Type of screen or perforations SLOTS CUT IN CASING

Static Water level, for non-flowing well: 135 feet.

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

Pumping water level PUMP SET AT 190 feet at 10 gal. per min.

How tested: 5 GAL. BUCKETS WITH 1 HP. SUBMERSIBLE PUMP PUMPING WELL

Length of test 5 MIN.

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

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	12	SURFACE SOIL
12	40	YELLOW CLAY
40	42	BLUE SHALE
42	79	COAL
79	94	BLUE SHALE
94	96	HARD ROCK
96	160	SAND STONE
160	171	BLUE SHALE
171	222	WATER SAND
222	250	COAL & SHALE

FILED

4:00 O'Clock P M.

Dec 11 1957

County Clerk and Ex-Officio Recorder of Custer County, Montana

By Deputy

28167

GW

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

27

File No.....

SW

T. 1 N. R. 49E

DUPLICATE

County Custer

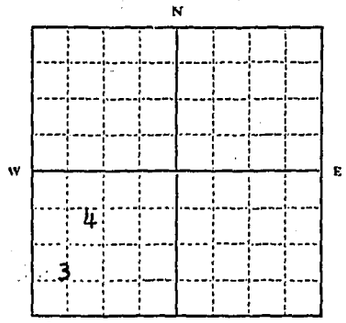
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 31 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Raymond W. Bird, of Volborg
(Name of Appropriator) (Address) (Town)
County of Custer State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



#3 SW¼SW Sec 27 T 1N R49E
#4 NW¼ SW Sec 27 T 1N R 49E

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
#3 Stock #4 Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been #3 since 1927
#4 1927

4. The amount of groundwater claimed (in miner's inches or gallons per minute) #3 1½ gallons per minute
#4 ½ 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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
#3 spring — surface
#4 spring — surface

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater #3 since 1927
#4 1927

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
#3 surface spring
#4 surface spring

10. The estimated amount of groundwater withdrawn each year #3 788,400 gallons
#4 262,810 gallons

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 Harold H. Bird (Son)

Date December 27, 1963

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

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

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

14.40

1097

FILED

At 12:16 O'Clock P.M.

Dec. 30 1963

H. E. Anderson

County Clerk and Ex-Officio Recorder of

Custer County, Montana

By _____ Deputy

File No. 5

DUPLICATE

T. 1N R. 49E

County Custer

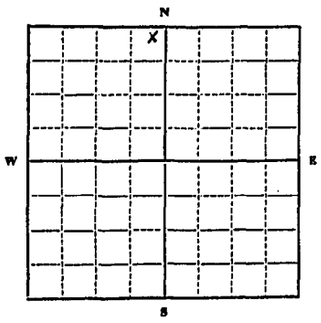
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 18 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Milton C. Simpson (Name of Appropriator), of Volborg (Address) (Town)
County of Custer State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.E. ¼ N.W. Sec. 26 T. 1N R. 49E

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 1941 constant

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 none

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 15 to May 25, 1941

8. The depth of water table 270' To 320'

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 320' 192' 4" casing ~~to~~ 132' 3" casing

10. The estimated amount of groundwater withdrawn each year This well is 5 miles from headquarters, how an estimate could be arrived at is beyond me.

11. The log of formations encountered in the drilling of each well if available 0-6 loam, 6-12 gravel & rock, 12-16 gray shale, 16-20 rock, 20-27 green shale, 27-30 coal, 30-45 gray shale, 45-75 sandstone (dry), 75-117 black, gray & green shales, 117-130 sandstone W. 2½ gal. 130-162 sticky gray shale 162-169 black, green, & gray shales, 169-199 sandstone W. 1½ gal., 199' 4" hard rock, 199-207 gray shale, 207-268 rock, 268-270' gray shale,

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

Log. Con. 210-211 rock, 211-245 black & gray shale, 245-255 sandy gray shale, 255-280 black & gray shale, 280-290 coal, 290-300 gray shale, 300-320 sandstone water

Signature of Owner M C Simpson

Date 10-28-63

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.

7107

10264

FILED

At 9:55 O'Clock a.m.

Nov. 15 1963

H. E. Anderson

County Clerk and Ex-Officio Recorder

Custer County, Montana

By _____

Deputy

File No.

DUPLICATE

T. 1N R. ~~48~~ 49 E

County Custer

31

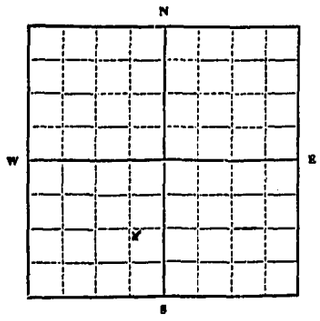
STATE OF MONTHA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 18 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Milton C. Simpson (Name of Appropriator), of Volborg (Address) (Town)
County of Custer State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ SW Sec. 31 T. 1N R. 49E

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 30 1941 Constant

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 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 none

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 26 To May 30, 1941

8. The depth of water table 27' To 50'

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 50' - filled with gravel to 43'. 50' 4" casing.

10. The estimated amount of groundwater withdrawn each year estimate impossible

11. The log of formations encountered in the drilling of each well if available 0'-30' loam & yellow clay, 30-50' gravel & water

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

Signature of Owner M. C. Simpson

Date 10-25-'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.

4097

10255

FILED

At 9:30 O'Clock a. M.

Nov. 15 1963

H. E. Anderson

County Clerk and Ex-Officio Recorder

Custer County, Montana

By _____ Deputy

File No.....

DUPLICATE

T. 1N R. 49E

County Custer

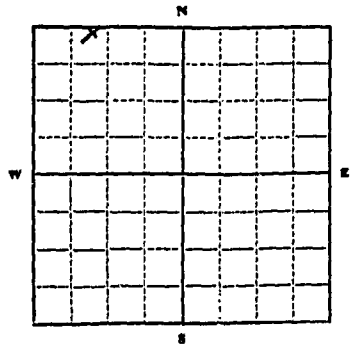
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 18 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Milton C. Simpson (Name of Appropriator), of Volborg (Address) (Town)
County of Custer State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW¼NW Sec 33 T 1N R 49E

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 June 12, 1956

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 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 None

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 10 To June 12, 1956

8. The depth of water table 100' To 230'

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 233' 4" casing

10. The estimated amount of groundwater withdrawn each year estimate impossible

11. The log of formations encountered in the drilling of each well if available 0-4 surface soil, 4-11 sand stone, 11-42 blue shale, 42-50 coal, 50-90 gray shale, 90-93 coal, 93-168 gray shale, 168-212 water gravel 212-230 blue shale.

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 Milton C. Simpson

Date 10-28-63

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.

7101

10283

FILED

At 9:50 O'Clock A. M.

Nov. 15 1963

H. Z. Anderson

County Clerk and Ex-Officio Recorder of
Custer County, Montana

By _____
Deputy

34

RECEIVED 13 1957

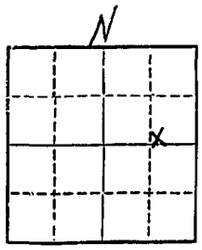
STATE ENGINEER

T. 1N R. 49E

County CUSTER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG



Owner PERCY J. BIRD Address MILES CITY, MONT.

Driller BANDY DRILLING CO. Address BROADUS, MONT.

Date Started OCT. 26, 1957 Date Completed OCT 28, 1957

Location: Sec. 34 T. 1N R. 49E ¼ sec. NE

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 162 ft. Type BLACK PIPE Size 4 INCH

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 NONE

Static Water level, for non-flowing well: 165 feet.

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

Pumping water level PUMP SET AT 189 feet at 5 gal. per min.

How tested: 5 GAL. BUCKETS WITH WINDMILL PUMPING 2½ IN. CYLINDER

Length of test 5 MIN. AFTER WELL HAD BEEN PUMPED SEVERAL HOURS

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

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
0	28	SURFACE SOIL
28	68	COAL
68	95	SANDY SHALE
95	140	BLUE SHALE
140	161	SANDSTONE
161	166	HARD ROCK
166	191	WATER SAND
191	200	BLUE SHALE

FILED
3:55 O'Clock P M.
Oct 11 1957
N. E. Robinson
County Clerk and Ex-Officio Recorder of
Custer County, Montana
By Ruth Rich
Deputy

188766

File No.

DUPLICATE

T. 1 R. ~~54~~ 49 34

County Custer

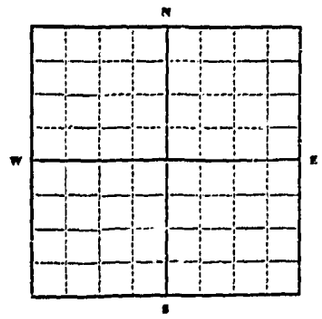
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Gladys A. Deibel (Name of Appropriator), of Olive, Montana (Address) (Town)
County of Custer State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE¼ Sec. 34 T. 1 R. 49

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

2. The beneficial use on which the claim is based: Stock and buildings

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May 1, 1952 to present time

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 12 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: None

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: May 1, 1952

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: 4" x 160 ft

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

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

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

Signature of Owner: Gladys A. Deibel by Randolph Deibel

Date: Dec. 30, 1967

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.

188766

14138

11197

FILED

At 3:25 O'Clock P M

Dec. 30 1963

H. E. Anderson

County Clerk and Ex-Officio Recorder

Custer County, Montana

STATE WATER CONSERVATION BOARD

DEC 8 1966

GW - 36

File No. 21602

Filed: _____ 19__

at _____ ___. M.

Clerk and Recorder

Powder River County

Notice of COMPLETION of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Bill _____ McDermott _____

Co. McNu Twp. ____ Rge ____

Morton _____

Sullivan _____

Dickert _____

OWNER Harold Bird Address Volborg, Mont.

Top of Ground - Elev. above sea level.

DRILLER Earl Drane Address Broadus, Mont.

Date of Notice of Appropriation of Groundwater _____

Date well started Oct. 1966 Completed Oct. 1966

Type of Well drilled (dug, driven, bored, drilled) Equipment Used rotary (churn, drill, rotary, oth

Water Use: Domestic___; Municipal___; Stock X; Other___; Industrial___; Drainage___; Irrigation___;

0	25	sandy
25	45	blue clay
45	56	brown clay
56	84	brown sand & clay
84	90	coal
90	96	yellow clay
96	120	grey sand & clay strks.
120	160	water sand
160	162	clay & coal strks.

Indicate on diagram character and thickness of different strata met in drilling -ei, soil, clay, shale, gravel, rock, sand. Show depth at which water is found, thickness and character of water-bearing strata and height to which water rises in well.

Size of Drilled Hole	Size and Weight of Casing	From (feet)	To (feet)	Perforations Kind Size	From (feet)	To (feet)
6"	4" I.D. 9¾#	0	164	¼x4" slotts	120	162

Static Water Level for non-flowing well 90 feet

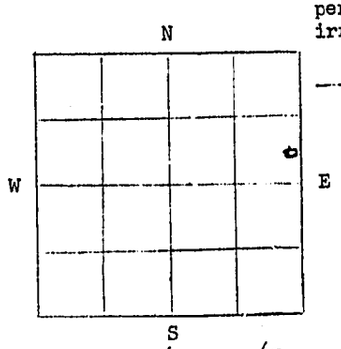
Shut-in Pressure for Flowing Well _____

Pumping Water Level 126 feet at 8 gal. per minute.

Discharge in Gal. per min. of flowing well _____

How Tested air lift Length of Test 2

Remarks: (Gravel packing, cementing, packers, type of shut-off, location of use if not at well, other similar pertinent information, including number of acres irrigated, if any.)



Sec 36, Twp. 1N, Rge 49 East.

20

Driller's License NO.

Earl Drane

Driller's Signature

STATE OF MONTANA)
County of Powder River) ss.

_____ having first been duly sworn, deposes and says that he is of lawful age and the appropriator and claimant of the order and water right mentior in the foregoing notice of completion of groundwater appropriation by means of well anc the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein sta are true.

Owner's Signature Harold H. Bird

Subscribed and sworn to before me, this 6 day of Dec, 1966.

W. J. Sandberg

Clerk and Recorder

21600

41,408

21600

FILED

At 3:10 O'Clock P M

December 1966

W. J. Sandison

County Clerk and Ex-Officio Recorder of

Custer County, Montana

By _____

Deputy

GROUNDWATER INDEX

Page ___ of ___

County CUSTER Twp. 1N Rge. 50E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
19	ALLEN, C.M. & SON, INC.	GW-4	10971	
21	O'DANIEL, THOMAS F.	GW-4	5052	
22	O'DANIEL, FRANCES.W.	GW-4	5049	
26	JANSSEN, MARILYN	GW-4	2905	
28	O'DANIEL, FRANK	GW-2	5838	
32	O'DANIEL, FRANCES W.	GW-4	5050	
36	RUSSIFF, PETE	GW-4	6570	

19

File No.

T. 1 N R. 50 E.

DUPLICATE

County Custer

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

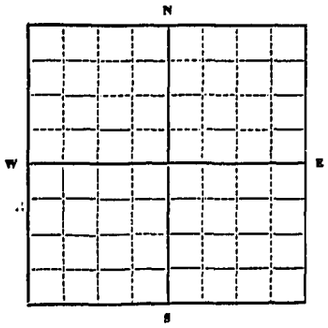
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED DEC 3 STATE ENGINEER

1. C. M. Allen & Son, Inc., of Miles City
(Name of Appropriator) (Address) (Town)

County of Custer State of Montana

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



.....¼..... 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. Livestock water and flood irrigation dams.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1939 - 1957, continuous since completion.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). All that is required for livestock and all that ground absorbs when being flooded.

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 Sec. 19-18-7-6-1 N-50 E, 400 acres. C. M. Allen & Son, Inc.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Windmills Sec. 19-1 N-50 E.

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. 20 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. 4 in. casings, 1¼ in. drop pipe, 2½ in. cylinder 35 ft. deep.

10. The estimated amount of groundwater withdrawn each year. All that is required for livestock.

11. The log of formations encountered in the drilling of each well if available. Clay, sand and gravel.

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. Custer County A. S. C. office.

Signature of Owner. C. M. Allen

Date. 12-19-63

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.

13942

10971

FILED

at 9:23 O'Clock a

Dec 27 1963

H. E. Anderson

County Clerk and Ex-Officio Recorder of

Custer County, Montana

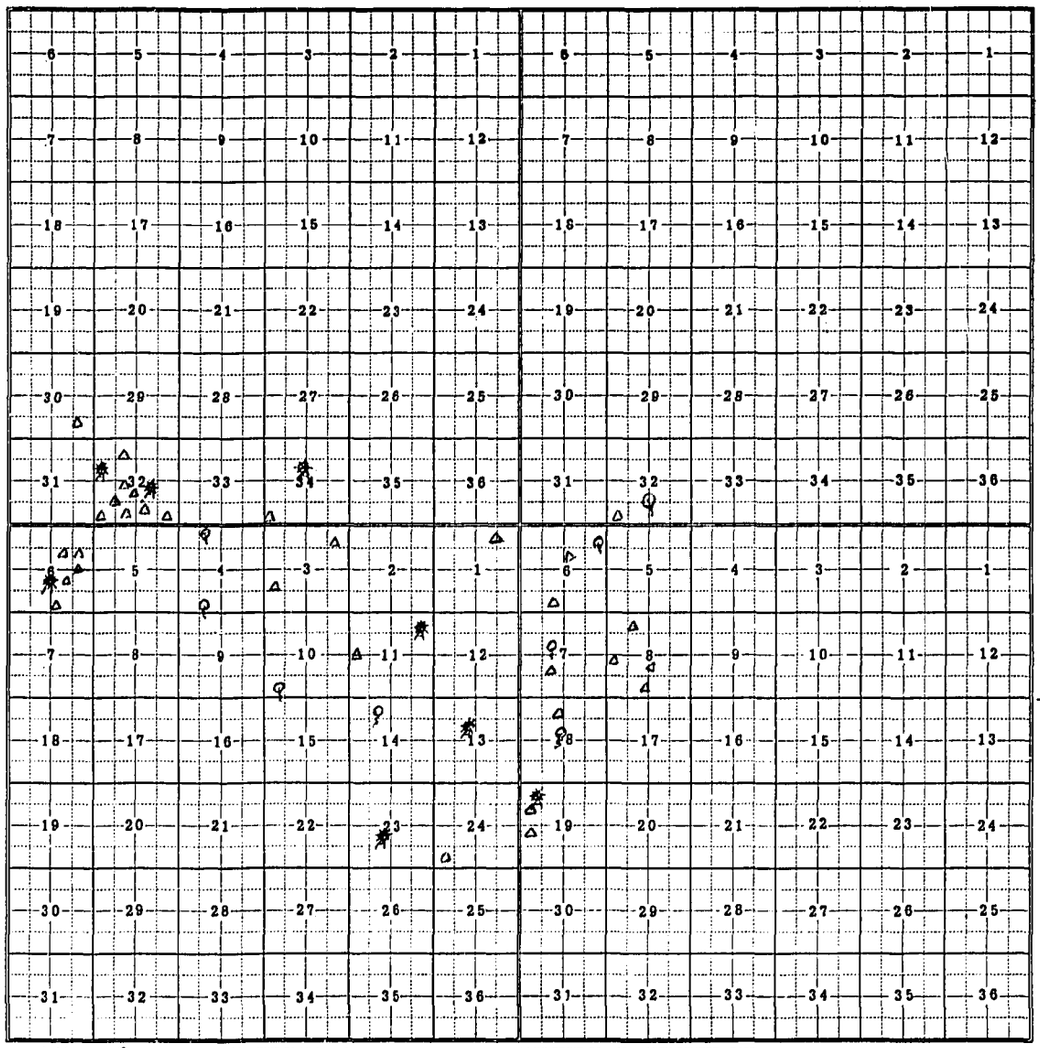
By _____

Deputy

C.M. ALLEN & SON, INC.

COUNTY CUSTER STATE MONTANA

RANGE 2 N--49 RANGE 2 N--50



1N-49

#51-8000 THIS PLAT IN STOCK AND FOR SALE BY KINTZEL BLUE PRINT CO., 134 NORTH CENTER, CASPER, WYOMING

1N-50

Wells
Dams
Springs

GV

File No.....

DUPLICATE

T. 1-N R. 50 E

County Custer

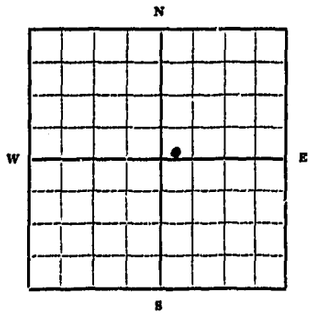
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Thomas J. O'Daniel, of Volborg
(Name of Appropriator) (Address) (Town)
County of Custer State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE¼ Sec. 21 T. 1 R. 50E

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 since March of 1957 any month of the year steady

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Windmill well pump. Location N-E quarter of sec 21

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater about Nov. 25 of 1957 until Nov 30 of 1957

8. The depth of water table 200 ft to water + 50 ft of water sand

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 4 in Casing 4 well is 250 ft deep. stock well

10. The estimated amount of groundwater withdrawn each year about 700, 200 gal.

11. The log of formations encountered in the drilling of each well if available I have the log on this well. Well was on sale when I bought it. two years ago

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 Thomas J. O'Daniel.

Date July 9 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.

1809

5052

FILED

At 3:52 O'Clock P M

July 9 1962

J. E. Anderson

County Clerk and Ex-Officio Recorder of

Custer County, Montana

By _____ Deputy

—Helena Independent Record

22

File No. .....

DUPLICATE

T. 1-N R. 50E

County Custer

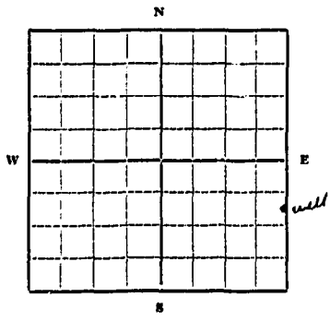
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 11 1962
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Frances W. O'Daniel, of Volberg
(Name of Appropriator) (Address) (Town)
County of Custer State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



¼SE Sec. 22 T 1N R 50E

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 Aug. 13 — 1946 used this well for 8 months every year.

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Windmill & pump
Location South East quarter of sec 22

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater August 2-1946 Till 13 August 1946

8. The depth of water table 16 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 4 in Casing 116 ft deep - screen under well

10. The estimated amount of groundwater withdrawn each year 9,000,000

11. The log of formations encountered in the drilling of each well if available 5 ft of brown clay, sandy 25 ft of dirt brown clay, 5 ft blue clay, 2 ft of sand, 53 ft white blue clay, 16 ft of sand & gravel

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 W. O'Daniel

Date July 9, 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.

1806

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1 11 1962

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1806

5049

FILED

at 3:50 O'Clock P. M.

Dec 9 1962

D. E. Anderson

County Clerk and Ex-Officio Recorder of
Custer County, Montana

By _____ Deputy

File No. ..... T. ..... R. .....

DUPLICATE County .....

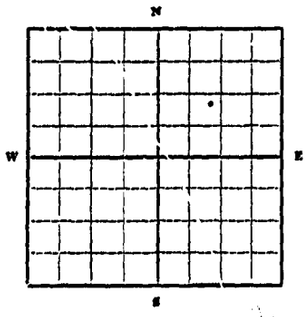
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 1 1962
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



..... ¼ ..... 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 .....

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

4. The amount of groundwater claimed (in miner's inches or 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 .....

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

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 .....

10. The estimated amount of groundwater withdrawn each year .....

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 .....

Date .....

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.

1187

2905

FILED

at 12:30 O'Clock P.M.

Jan. 17 1962

J. J. Anderson

County Clerk and Ex-Officio Recorder

Custer County, Montana

By _____ Depu

GW2

File No. 17-

DUPLICATE

RECEIVED
OCT 15 1962
STATE ENGINEER

T. 1N R. 50E

County Custer

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 1 1962
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Frank O Daniels Address: Ekalaka

Driller: Lloyd Higgins Address: Miles City

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

Date well started: 9-12-62 Date Completed: 9-22-62

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

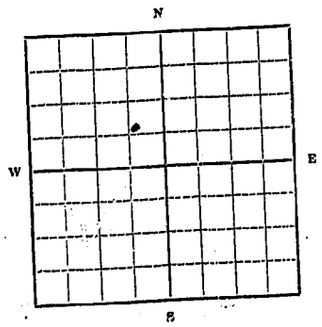
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐

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" 11 lb.	0	305	3/8 holes	240	305

Top of Ground (Elev. above sea level .....)	
0	
12	gravel
18	gravel
43	clay
45	rock
51	clay
56	coal
119	clay
160	sand-(Bailed dry)
180	shale
210	sand-(Bailed dry)
233	shale
238	coal
265	shale
270	rock
300	sand
305	shale

Show exact depth of bottom.



NW 1/4 Sec. 28 T. 1 R. 50E

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

Static Water Level for non-flowing Well 200 feet.

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

Pumping Water Level 280 feet at 7 gal. per minute.

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

How Tested: Bailer Length of Test: 4 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) .....

12
Driller's License Number

Lloyd Higgins
Driller's Signature

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

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

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

2167

5838

FILED

At 11:30 o'Clock a.m.

Apr. 28 1962

J. E. Anderson

County Clerk and Ex-Officio Recorder

Custer County, Montana

By _____ Depu

back on 10/2/62

k for possible

tion on original

4—Helena Independent Record

32

File No.....

DUPLICATE

T. 1-N R. 50 east

County. Custer

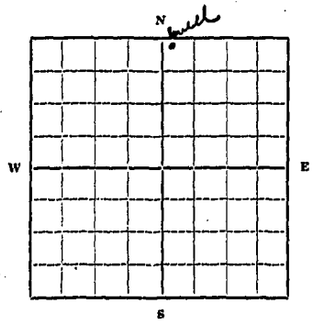
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Francis W. O'Daniel (Name of Appropriator), of Volborg (Address) (Town)
County of Custer State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



¼ N.E. Sec. 32 T. 1N R. 50E

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 Oct of 1958 use this well 8 months of the year

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

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 Windmill & pump. Location N-E quarter of Sec 32

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Oct 5th till Oct 8 of 1958

8. The depth of water table about 40 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 4 in Casing 180 ft deep, stock well

10. The estimated amount of groundwater withdrawn each year 1000, 400

11. The log of formations encountered in the drilling of each well if available I have no log well is 180 ft deep 40 ft of water sand at bottom of well

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

Signature of Owner Francis W. O'Daniel

Date July 9-62

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.

1808

505 0

FILED

At 3:52 O'Clock P. M.

July 7 1962

J. B. Anderson

County Clerk and Ex-Officio Recorder of

Custer County, Montana

By _____ Deputy

File No. 6570 T. 1N R. 50E 36

DUPLICATE County CUSTER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

2 WELLS

RECEIVED NOV 29 1962 STATE ENGINEER

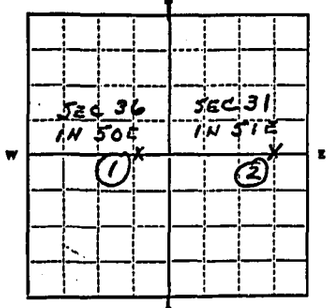
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. PETE RUSSOFF (Name of Appropriator), of OLIVE (Address) MONTANA (Town)

County of POWDER RIVER State of MONTANA

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



(1) ¼ Sec. 36 T 1N R 50E
(2) 31 1N 51E

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 (1) & (2) LIVESTOCK WELLS

3. Date or approximate date of earliest beneficial use; and how continuous the use has been (1) 1958 (2) UNKNOWN CONSTANT

4. The amount of groundwater claimed (in miner's inches or gallons per minute) (1) 5 GPM (2) 7 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 NONE

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal (1) & (2) CYLINDER PUMP & WINDMILL

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

8. The depth of water table (2) ABOUT 30-35 FT (1) ABOUT 80 LF

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
(1) DRILLED (2) DRILLED, CASED 4" ABOUT 200 LF
4" CASING 156 LF SOFT WATER
HARD WATER

10. The estimated amount of groundwater withdrawn each year (1) 220,000 gal (2) 270,000 gal

11. The log of formations encountered in the drilling of each well if available ABOUT 300 FT DEEP
(1) 0-30 CLAY, 30-35 SAND ROCK, 35-45 SHALE, 45-60 SAND ROCK
60-80 SHALE, 80-85 SAND ROCK, 85-93 SHALE, 93-95 HARD ROCK
95-114 SHALE, 114-125 SHALE SAND, 125-130 HARD SAND ROCK, 130-145 SAND, 145-15 SHAL

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 X Peter Russoff

Date 11-28-62

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.

(254)

GROUNDWATER INDEX

Page ____ of ____

County CUSTER Twp. 1N Rge. 51E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
31	RUSSIFF, DEIE	GW-4	6570	
35	MINOW RANCH, INC.	GW-2	24712	
35	MINOW, SAM	GW-4	11213	

51E (31)

File No. .....

DUPLICATE

T. 1N R. ~~50E~~

County CUSTER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

2 WELLS

RECEIVED
NOV 29 1962
STATE ENGINEER

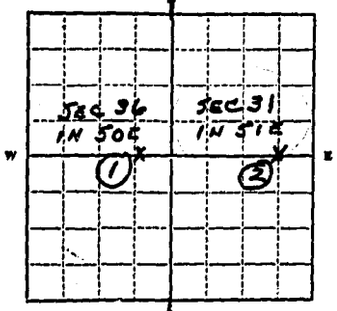
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I PETE RUSSIFF, of OLIVE MONTANA
(Name of Appropriator) (Address) (Town)

County of POWDER RIVER State of MONTANA

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



(1) ¼ ..... Sec. 36 T. 1N R. 50E
(2) 31 1N 51E

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
(1) + (2) LIVESTOCK WATER

3. Date or approximate date of earliest beneficial use; and how continuous the use has been (1) 1958 (2) UNKNOWN
CONSTANT

4. The amount of groundwater claimed (in miner's inches or gallons per minute) (1) 5 GPM (2) 7 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
NONE

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
(1) + (2) CYLINDER PUMP & windmills

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

8. The depth of water table (2) ABOUT 30-35 FT (1) ABOUT 80 LF

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
(1) DRILLED (2) DRILLED, CASED 4" ABOUT 200 LF
4" CASING 156 LF SOFT WATER
HARD WATER

10. The estimated amount of groundwater withdrawn each year (1) 220,000 gal (2) 270,000 gal

11. The log of formations encountered in the drilling of each well if available ABOUT 300 FT DEEP
(1) 0-30 CLAY, 30-35 SAND ROCK, 35-45 SHALE, 45-60 SAND ROCK
60-80 SHALE, 80-85 SAND ROCK, 85-93 SHALE, 93-95 HARD ROCK
95-114 SHALE, 114-125 SHALE SAND, 125-130 HARD SAND ROCK, 130-145 SAND
145-15
SHAL

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 X Pete Russiff

Date 11-28-62

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.

2584

6570

FILED

At 3:10 O'Clock P. M.

Nov. 28 1962

H. E. Anderson

County Clerk and Ex-Officio Recorder of

Custer County, Montana

By _____ Deputy

584

MONTANA WATER RESOURCES BOARD
RECEIVED
JAN 18 1968

35

GW - 2

File No. 24712
Filed: Jan 17 1968
at 2:25 P.M.
W J Sanderson
Clerk and Recorder
~~Powder River~~ CUSTER County

Notice of ~~COMPLETION~~ of Groundwater Appropriation by Means of Well (Under Chapter 237, Montana Session Laws, 1961)

Twp. 1N Rge 51E

OWNER Minor Ranches Inc. Address Ekalaka Montana

Top of Ground - Elev. above sea level.

DRILLER Frank Bandy Jr Address Broadus Montana

Date of Notice of Appropriation of Groundwater 1-24-67

Date well started 5-8-64 Completed 5-8-64

Type of Well drilled (dug, driven, bored, drilled) Equipment Used rotary (churn, drill, rotary, oth

Water Use: Domestic ___; Municipal ___; Stock ✓; Other ___; Industrial ___; Drainage ___; Irrigation ___;

0 surface soil
10 yellow sand
26 coal
33 black shale
90 water sand
142

Indicate on diagram character and thickness of different strata met in drilling -ei, soil, clay, shale, gravel, rock, sand. Show depth at which water is found, thickness and character of water-bearing strata and height to which water rises in well.

Size of Drilled Hole	Size and Weight of Casing	From (feet)	To (feet)	Perforations Kind Size	From (feet)	To (feet)
4"	4" steel casing	152' casing to bottom of well			120'	140'

Static Water Level for non-flowing well 75 feet
Shut-in Pressure for Flowing Well
Pumping Water Level 115 feet at 100 gal. per minute.
Discharge in Gal. per min. of flowing well
How Tested Bailer Length of Test 30 minutes

Remarks: (Gravel packing, cementing, packers, type of shut-off, location of use if not at well, other similar pertinent information, including number of acres irrigated, if any.)

well location

N
W
E
S

Sec 35, Twp. 1N, Rge 51E East.

No 36
Driller's License NO.

Frank Bandy Jr
Driller's Signature

STATE OF MONTANA)
County of ~~Powder River~~ CUSTER) ss.

_____ having first been duly sworn, deposes and says that he is of lawful age and the appropriator and claimant of the order and water right mentior in the foregoing notice of completion of groundwater appropriation by means of well and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein sta are true.

Owner's Signature Minor Ranches Inc. Tom Minor Pres

Subscribed and sworn to before me, this 17 day of Jan, 1968.

W J Sanderson
Clerk and Recorder

Rick Rist dep

42,765

35

GW

File No.

DUPLICATE

T. 1 N. R. 5 E.

County Custer

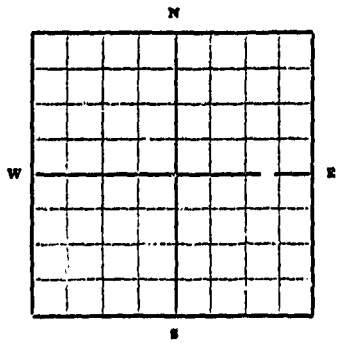
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Sam Dimond, of Olive
(Name of Appropriator) (Address) (Town)
County of Custer County State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW ¼ NW Sec. 35 T. 1 N. R. 5 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 1960
Continuous each year

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
25 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
Deep Pump

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

8. The depth of water table 170'

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
4" x 300'

10. The estimated amount of groundwater withdrawn each year —

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 Sam Dimond

Date Jan. 27, 1963

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

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

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

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FILED

at 4:20 O'Clock P. M.
Dec 30 1963
Pat. Anderson
County Clerk and Ex-Officio Recorder of
Custer County, Montana

Deputy