

RECEIVED

MAY 23 1972

Rosebud & S
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DEPARTMENT OF NATURAL
RESOURCES AND ENVIRONMENT

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.

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.

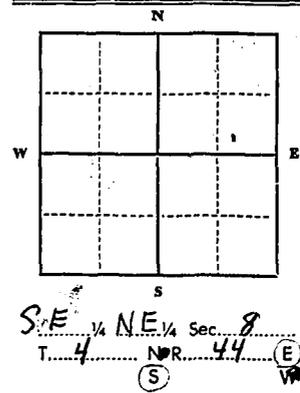
Owner Glenn E. McKelvey
Address Oakland Mont
Date well started April 28-72 completed April 30-72
Type of well artesian
Equipment used Drilled Rotary
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other * Garden/Lawn

For Administrator's Use
File 921
May 18, 1972 9:45 am
GW 1

*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 1,000,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 in</u>	<u>6 in</u>	<u>0</u>	<u>52</u>			
<u>2 in</u>	<u>2 in</u>	<u>6</u>	<u>603</u>	<u>2 in</u>	<u>420</u>	<u>603</u>



Static water levelft.*
Pumping water levelft.*
at 5 gallons per minute,
measuredminutes after pumping
began.
*Measured from ground level.
Well developed by F. Tawing # 102
forhours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

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

Driller's Signature
Driller's Address Box 241 Broadus Front 59317

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	2	Surface Soil
2	46	Sand & Gravel
46	49	Sand Stone
49	84	Gray Shale
84	89	Hard Rock
89	101	Coal
101	143	Gray Shale
143	149	Coal
149	257	Sand Stone
257	320	Gray Shale with Coal Strata
320	324	Gray Shale
324	359	Sand Stone
359	364	Hard Rock
364	377	Sand Stone (420) Coal
377	422	Gray Shale
422	497	Gravel layer water sand
497	523	Gray Shale
523	547	Hard Stone water sand
547	569	Gray Shale
569	594	Hard Stone water sand
594	603	Gray Shale
		artesian 5 H.P.M
		19 lbs. lift in pressure
		shut off valve
		6 ft

LICENSE NO. 182 603 Show exact depth of bottom

50439

921

STATE OF MONTANA,
COUNTY OF ROSEBUD) SS.

Filed on the 18th day of May
1972 at 9:45 o'clock A.M.

Harold J. Judd
County Clerk & Recorder
by Betty M. Judd
#2.00

1000000

T. 4 So. R. 44 E. 12
 County Rosebud

RECEIVED
 NOV 23 1959

MONTANA BUREAU OF MINES AND GEOLOGY
 Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner U. S. Dept. of Agriculture Address Box 2556 - Billings
Forest Service Montana
 Driller Ira C. Bond Address Terry, Montana
 Date Started October 1959 Date Completed October 1959
 Location: Sec. 12 T. 4 So. R. 44 $\frac{1}{4}$ sec. North West

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: 0 ft. to 310 ft. Type Steel Size 4 inch

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

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

Perforated or Screened: Ft. 278 to ft. 296 Ft. _____ to ft. _____

Type of screen or perforations 5/16 holes cut 3 in. apart with cutting torch

Static Water level, for non-flowing well: 260 feet

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

Pumping water level 275 feet at 6 gal. per min.

How tested: with Bailer

Length of test 8 hours

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

Gravel packed with coarse gravel up to 290 feet

(over)

File No.

T. LS R. lh E

DUPLICATE

County RosebudBridge Creek Well
STATE OF MONTANAADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. United States of America,
Custer National Forest, of Ashland
(Name of Appropriator) (Address) (Town)
County of Rosebud State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

W 1/4 NW 12 Sec. 12 T. LS R. lh 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.....
Livestock watering

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been. June 1960
Annually - May 1 to Dec. 1

4. The amount of groundwater claimed (in miner's inches or gallons
per minute). 6 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
Not applicable

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal.....
Well (Windmill)
W 1/4, Sec. 12, T. LS., R. lh E., MPN

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. October 1959

8. The depth of water table. 260 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater. drilled well, 4" casing at 310'

10. The estimated amount of groundwater withdrawn each year. 378,000 gals.

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

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

United States of America, Custer N.F.

Signature of Owner. Charles F. Neal

By: Acting District Ranger

Date. 12/1/63

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.

30287

179565

STATE OF MONTANA, COUNTY
ROSEBUD SS. FILED DEC.
19, 1953 AT 11:AM, CO. CLERK
21

Well Log

0'	- 1'	Topsoil
1'	- 28'	Yellow clay
28'	- 32'	Clay & gravel
32'	- 36'	Gumbo
36'	- 37'	Rock
37'	- 46'	Gumbo
46'	- 47'	Rock
47'	- 85'	Gumbo
85'	- 87'	Rock
87'	- 92'	Gumbo
92'	- 93'	Rock
93'	- 102'	Gumbo
102'	- 103'	Rock
103'	- 116'	Gumbo
116'	- 122'	Coal
122'	- 135'	Gumbo

135'	- 140'	Coal
140'	- 147'	Gumbo
147'	- 148'	Rock
148'	- 185'	Gumbo
185'	- 186'	Rock
186'	- 220'	Shale
220'	- 232'	Sandy clay
232'	- 237'	Shale
237'	- 238'	Rock
238'	- 243'	Sandy clay
243'	- 248'	Shale
248'	- 249'	Rock
249'	- 266'	Sandy clay
266'	- 280'	Shale
280'	- 340'	Coal
340'	- 350'	Shale

13

File No.

T. 1S R. 14E

DUPLICATE

SPRINGS

County Rosebud

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1938

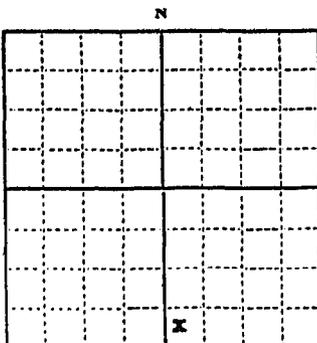
Owner U.S.A. - Custer N.F. Address Ashland, Montana

Contractor (if any) NA

Address of Contractor NA

Date Started 1938 Date Completed 1938

King Cr. Pass Spring



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

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

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

SW 1/4 SE 13 T. 1S R. 14E

0.50 gals/min. Flow measurement. Used annually

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

May 1 to Dec. 1

United States of America - Custer National Forest

Signature of Owner Charles L. Heat
By: Acting District Ranger

Date 12/11/63

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

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

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

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

30268

179546

STATE OF MONTANA, COUNTY
OF ROSEBUD SS. FILED DEC.
19, 1963 AT 11-AM, CO. CLERK

2nd Howard J. ...

File No. _____

T. 4S. R. 44E.

DUPLICATE

County Rosebud

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964

STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1938

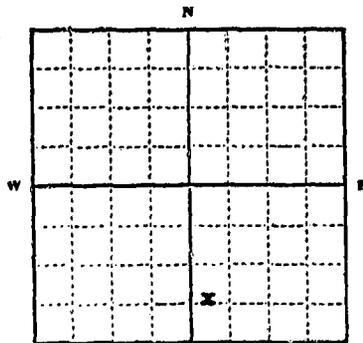
Owner U.S.A. - Custer N.F. Address Ashland, Montana

Contractor (if any) NA

Address of Contractor NA

Date Started 1938 Date Completed 1938

King Cr. Pass Spring



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

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

estimate approximate lengths of periods of use.

0.30 gals/min. flow measurement. Used annually

May 1 to Dec. 1

SW $\frac{1}{4}$ SE Sec 13 T 4S R 44E

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

United States of America - Custer National Forest

Signature of Owner [Signature]
By: Acting District Ranger

Date 12/14/63

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

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

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

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

179559

STATE OF MONTANA, COUNTY
OF ROSEBUD SS. FILED DEC.
19, 1963 AT 11-AM, CO. CLERK

2nd Handwritten

File No.

T. 4 South R. 44 East

DUPLICATE

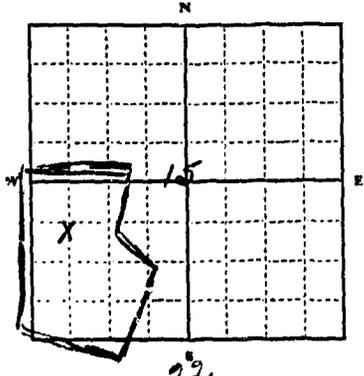
County Rosebud

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 22 1964

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

1 Robert G. & Margie B. Schaudel, of BIRNEY
(Name of Appropriator) (Address) (Town)
County of ROSEBUD State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 15 T. 45. R. 44

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

- 2. The beneficial use on which the claim is based.....
Stock water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Nov. 1938 It had an old wind-mill on it and was used for stock water for about three years. We think we will put a gas engine on it as we haul water now for stock.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). Driller baled it at the rate of five 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. Not used for irrigation.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Question 6. ? insert chip.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
November 1938

8. The depth of water table.....
250 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. Is cased with three inch casing to the water sand

10. The estimated amount of groundwater withdrawn each year. when this well was used it pumped about 36500 gal. per yr.

11. The log of formations encountered in the drilling of each well if available. Have no log on this well. 200 ft to water-sand. Artesian 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..... Robert G. Schaudel
Margie B. Schaudel
Date..... Jan 20, 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.

180119

STATE OF MONTANA, COUNTY
OF ROSEBUD SS- FILED JAN.
20th, 1964, AT 10:25 AM, CO. CLERK
2219 Edward J. Doherty
By Betty M. Doherty

218

File No.

T.S. 44E

DUPLICATE

County Rosebud

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964

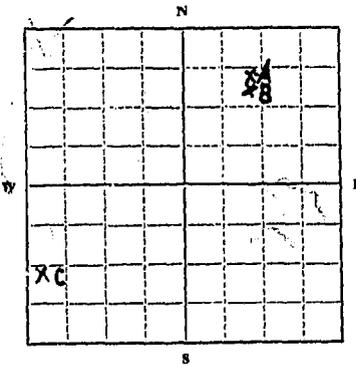
Declaration of Vested Groundwater Rights

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Herbert T. Wagner of Ashland
(Name of Appropriator) (Address) (Town)
County of Rosebud State of Montana

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



1/4 Sec 8 T5S 44E
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based A- Stockwater and domestic irrigation, lawns & garden
C- Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been A- June 1946 Continuous
B- 1963 - 4 months C- May 1949 Dec to May

4. The amount of groundwater claimed (in miner's inches or gallons per minute) A- 12 gal per minute B- 90 gal per minute C- 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 B- 800 square yards lawn & garden

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal A- flowing Artesian B- electric Pump C- flowing Artesian

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater A- June 1946 B- June 1963 C- May 1949

8. The depth of water table A- 265 feet B- 41 feet C- 465 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 A- 265 feet drilled, cased with 4 inch black casing B- surface water drilled and cased with 4 inch casing, 1/2 inch centrifugal electric pump C- 465 feet flowing drilled, cased with 4 inch casing

10. The estimated amount of groundwater withdrawn each year 6,000,000 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 Herbert T. Wagner

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.

21315

180089

STATE OF MONTANA, COUNTY
OF ROSEBUD SS- FILED DEC
31, 1963, AT 7:30 P.M., CO. CLERK

2.00

Edward J. Smith
David Jean Hillard, Dep.

File No.....

T. 4 S. R. 44 E 19

DUPLICATE

County Roobid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

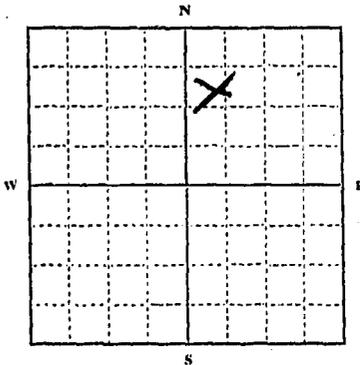
Date of Appropriation of Groundwater 12-31-63

Owner Herbert T. Wagner Address Asland, Mont

Contractor (if any)

Address of Contractor None

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



NW 1/4 NE Sec. 19 T. 45 R. 44 E

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. This is a cribbed

up spring, piped out with 60ft of 1 1/2 Pipe to a 1500 gal stock tank. This spring has been in operation since about 1905

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

estimate approximate lengths of periods of use. This spring

runs 60 gals Per Hour continuously. This water is used continuously for stock water only.

Signature of Owner Herbert T. Wagner

Date Dec 31, 1963

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

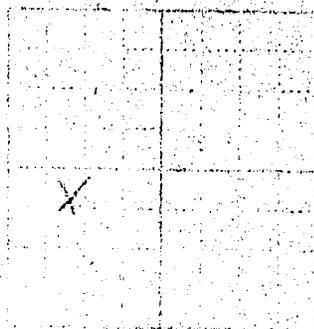
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

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

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

180088

STATE OF MONTANA, COUNTY
OF ROSEBUD SS. FILED DEC.
31, 1963, AT 2:30 P.M., CO. CLERK



1022

File No.

T. 1S R. 14E

DUPLICATE

King Creek Well No. 2
STATE OF MONTANA

County Rosebud

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. United States of America,
Custer National Forest, of Ashland,
(Name of Appropriator) (Address) (Town)
County of Rosebud State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

			X		

2. The beneficial use on which the claim is based Livestock Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1949. Used annually from May 1 to December 1.

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Section 22, T. 1S., R. 14E., NPM Well (Windmill)

NE 1/4, Sec. 22, T. 1S, R. 14E

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 28, 1949

8. The depth of water table 270'

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 inch casing at 358 ft.

10. The estimated amount of groundwater withdrawn each year 315,000

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

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

United States of America, Custer National Forest

Signature of Owner By: [Signature]
Acting District Ranger

Date 12/16/63

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.

30289

Well Log

0	-	20	ft.	Surface
20	-	35	"	Blue grey shale
35	-	37	"	Rock
37	-	49	"	Blue grey shale
49	-	52	"	Sand
52	-	88	"	Blue grey shale
88	-	97	"	Coal
97	-	113	"	Grey shale
113	-	117	"	Rock
117	-	164	"	Grey shale
164	-	166	"	Rock

166	-	191	ft.	Grey shale
191	-	192	"	Coal
192	-	200	"	Sand Rock
200	-	213	"	Coal
213	-	213	"	Grey shale
218	-	252	"	Limestone
252	-	264	"	Grey shale
264	-	273	"	Sand rock
273	-	276	"	Limestone
276	-	306	"	Grey shale
306	-	356	"	Sand

STATE OF MONTANA, COUNTY
OF ROSEBUD SS. FILED DEC.
19, 1968 AT 11:AM, CO. CLERK

179567

2⁵ Howard 201

File No.

T. 18 R. 11E

DUPLICATE

King Creek No. 1. Well & Pump

County Rosebud

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

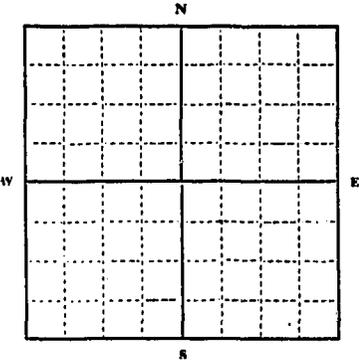
Declaration of Vested Groundwater Rights

JAN 10 1964

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. United States of America - Custer N.F., of Ashland (Name of Appropriator) (Address) (Town) County of Rosebud State of Montana have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 23 T. 18 R. 11E

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 Watering
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1930 Annually - May 1 to Dec. 1
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal./min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well (Windmill) SW 1/4 Sec. 23, T. 18, R. 11E, RM

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1930
8. The depth of water table 13'
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, 15 feet deep, 24 inch culvert casing.
10. The estimated amount of groundwater withdrawn each year 315,000 gals.
11. The log of formations encountered in the drilling of each well if available No Log
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

United States of America - Custer National Forest

Signature of Owner Charles F. Neal By: Acting District Ranger 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.

179568

STATE OF MONTANA, COUNTY
OF ROSEBUD SS. FILED DEC.
19, 1963 AT 11-AM, CO. CLERK

2nd Howard Smith

26

File No.

T. 4 S. R. 44 E

DUPLICATE

County Rosebud

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

RECEIVED
 JAN 10 1964

STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
 Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1938

Owner U.S.A. - Custer N.F. Address Ashland, Montana

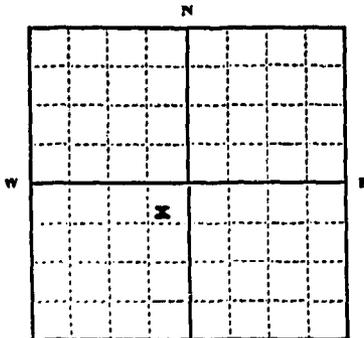
Contractor (if any) NA

Address of Contractor NA

Date Started 1938 Date Completed 1938

King Cr. No. 2 Spring

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



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

estimate approximate lengths of periods of use

0.10 gals/min. flow measurement. Used annually

May 1 to Dec. 1

NW 1/4 SW Sec. 26 T. 4 S. R. 44 E.

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

United States of America - Custer National Forest
 Signature of Owner [Signature]

Date 1/9/63
 By: Acting District Ranger

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

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

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

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

30282

179560

STATE OF MONTANA, COUNTY
ROSEBUD SS. FILED DEC.
19, 1963 AT 11-AM, CO. CLERK

2nd Howard

26

File No.

T. hS R. hE

DUPLICATE

SPRINGS

County Rosebud

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1938

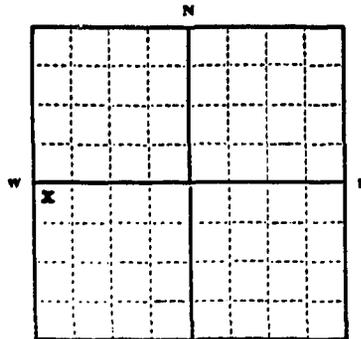
Owner USA - Custer N.F. Address Ashland, Montana

Contractor (if any) NA

Address of Contractor NA

Date Started 1938 Date Completed 1938

King Cr. #2 Spring



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

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

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

0.1 gals/min. flow measurement. Used annually

May 1 to Dec. 1

NW 1/4 SW Sec. 26 T. hS R. hE

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

United States of America - Custer National Forest

Signature of Owner [Signature]

Date 12/15/63

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

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

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

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

179538

STATE OF MONTANA, COUNTY
OF ROSEBUD SS. FILED DEC.
19, 1963 AT 11-AM, CO. CLERK

20 *Howard J. Jick*

2

28

File No.

T. 1S R. 44E.

DUPLICATE

County Rosebud

Dry Creek Well
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

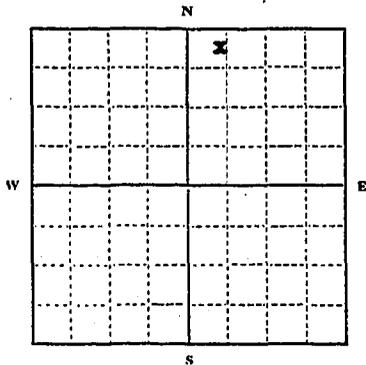
RECEIVED
JAN 10 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. United States of America - Custer N.F. of Ashland
(Name of Appropriator) (Address) (Town)

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



2. The beneficial use on which the claim is based.....
Livestock Watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
July 1946; Used annually - May 1 to Dec. 1

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
1 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.....
Not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Well (Windmill)
1/4 Sec. 28, T. 1S., R. 44E., NPM

1/4 Sec. 28, T. 1S. R. 44E.

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

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

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

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
Drilled well, 4" casing at 240 feet.

10. The estimated amount of groundwater withdrawn each year.....
252,000 gals.

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

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

United States of America - Custer N.F.

Signature of Owner.....

By: Acting District Ranger

Date: 12/14/63

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.

20286

Well Log

0' - 10' Sandy Topsoil
10' - 12' Dry gravel
12' - 20' Soapstone
20' - 59' Blue shale
59' - 61' Hard rock
61' - 90' Blue shale
90' - 130' Coal
130' - 180' Sand rock
180' - 240' Water bearing sandstone

STATE OF MONTANA, COUNTY
OF ROSEBUD SS. FILED DEC.
19, 1963 AT 11-AM, CO CLERK

2nd Howard

179564

35

File No.

T. LS R. LEE

DUPLICATE

SPRINGS

County Rosebud

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1938

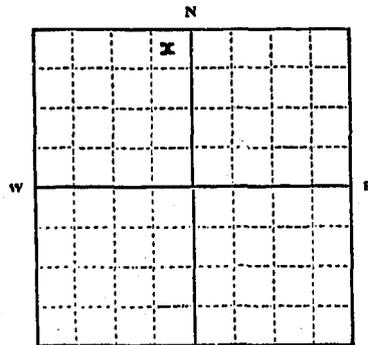
Owner U.S.A. - Custer N.F. Address Ashland, Montana

Contractor (if any) NA

Address of Contractor NA

Date Started 1938 Date Completed 1938

McKelvey Spring



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

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

0.50 gals./min. flow measurement. Used annually
May 1 to Dec. 1.

NE 1/4 NW Sec. 35 T. 15 S. R. 11 E
Indicate point of appropriation and place of use, if possible.

United States of America Custer National Forest
Signature of Owner [Signature]
By: Acting District Ranger
Date 12/19/63

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

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

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

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

179544

STATE OF MONTANA, COUNTY
OF ROSEBUD SS. FILED DEC.
19, 1963 AT 11-AM, CO. CLERK

202 Howard Fair

36

File No.

T^hS R^hE

DUPLICATE

SPRINGS

County Rosebud

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 10 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1938

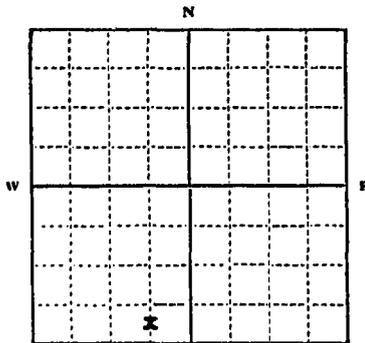
Owner U.S.A. - Custer N.F. Address Ashland, Montana

Contractor (if any) NA

Address of Contractor NA

Date Started 1938 Date Completed 1938

Black Canyon #2 Spring



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

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

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

0.50 gals/min. flow measurement. Used annually

May 1 to Dec. 1

SE 1/4 SW Sec 26 T^hS R^hE

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

United States of America - Custer National Forest

Signature of Owner [Signature]

By: Acting District Ranger

Date 12/19/63

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

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

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

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

179550

STATE OF MONTANA, COUNTY
OF ROSEBUD SS. FILED DEC.
19, 1963. AT 11-AM, CO. CLERK
2nd Howard J. [unclear]

File No. _____

DUPLICATE

T. 55 R. 41E

County Rosebud

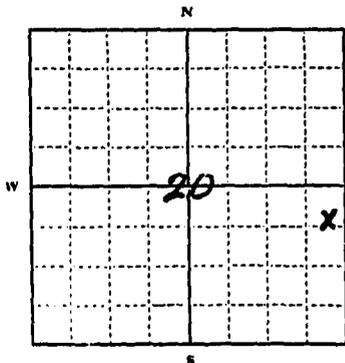
RECEIVED
JAN 3 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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



NE 1/4 SE Sec. 20 T. 55, R. 41E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1951
continuous use

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

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 hand well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1951

8. The depth of water table 45'

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 in any county record

Signature of Owner Brewster Arnold Raybale Co.
Brewster B. Raybale
Date 12/15/63

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.

21108

179861

STATE OF MONTANA, COUNTY
OF ROSEBUD SS. FILED DEC.
30, 1963, AT ^{10:00} M, CO. CLERK

David L. Lee
by Ellen Clark, Dep.

RECEIVED
12/30/63

of

x

179861

GW

13

File No.

T. 55 R. 41E

DUPLICATE

County Bozeman

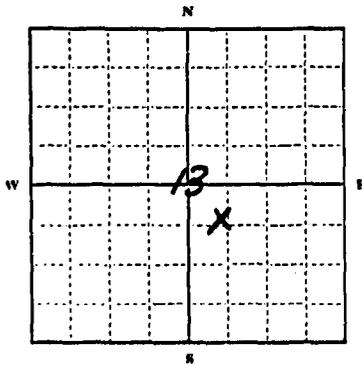
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NW 1/4 Sec. 13 T. 53 R. 41E

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 Residential water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1949
Continuous use

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1949

8. The depth of water table 45'

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 Brewster Arnold Ravello
Brewster A. Ravello
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.

21109

179865

STATE OF MONTANA, COUNTY
OF ROSEBUD SS. FILED DEC.
30, 1963, AT 1:00 PM, CO. CLERK

Howard Fair
By Ellen Clark, Dep

GWS

File No. _____

DUPLICATE

Should be 2W4

T. 55 R. 41E

County *Rosebud*

✓ 36

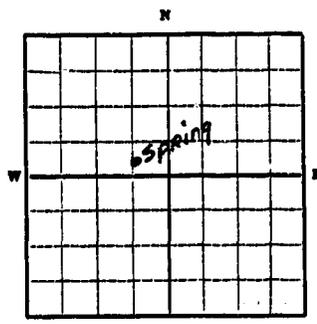
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater *Mar. 1, 1948*
Owner *John W. Moreland* Address *Birney, Mont.*
Contractor (if any) *NONE*
Address of Contractor _____
Date *Developed* *1953* Date Completed *1953*



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. *Natural - Spring*
Timing length of time it took to Fill *2 gal. cap. AM't. produced 5 gal. per min. Used 8 mo. out of year.*

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

SE 1/4 NW Sec. 36 T. 55 R. 41E
Indicate point of appropriation and place of use, if possible.

Timing length of time it took to Fill 5 gal. cap. AM't. produced 5 gal. per min. - Used 8 mo. out of year.

Signature of Owner *John W. Moreland Jr*
Date *Dec 10 1962*

This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.

File No.....

T. 55 R. 41E

DUPLICATE

County Rosebud

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

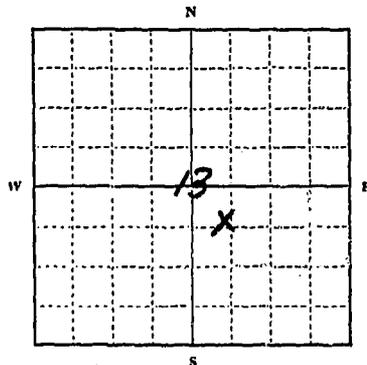
RECEIVED
JAN 3 1964

Declaration of Vested Groundwater Rights

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Brewster-Arnold Ranch Co., of Birney
(Name of Appropriator) (Address)
County of Rosebud State of Montana (Town)
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 SE Sec. 13, T. 55 R. 41E

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.....
Pasture water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
1949
Continuous Use

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

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

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.....
1949

8. The depth of water table.....
45'

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 Brewster-Arnold Ranch Co.
W. Brewster
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.

179865

STATE OF MONTANA, COUNTY
OF ROSEBUD SS. FILED DEC.
30, 1963, AT 1:00 PM, CO. CLERK

Deward Fair
Sup. Ellen Clark, Dep

NOTE TO COME

File No.

T. 55 R. 41E

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

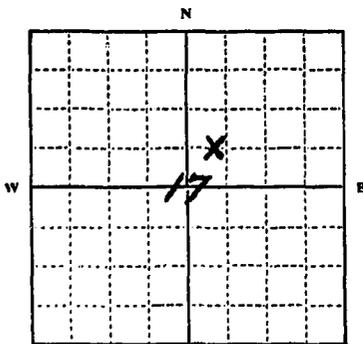
Date of Appropriation of Groundwater 1920

Owner Address Mont.

Contractor (if any)

Address of Contractor

Date Started Date Completed



Describe means of obtaining groundwater without a well. "as by sub-irrigation and other natural processes". Include depth to water when applicable. Ground water comes to the surface as springs in wet streams or into trenches.

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

used as drinking water for cow camp and as livestock water

SW 1/4 NE Sec. 17, T. 55 R. 41E
Indicate point of appropriation and place of use, if possible.

Signature of Owner Brewster Brull Ranch Co.

By Burton B. Brewster
Date Dec 28, 1963

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

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

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

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

179878

STATE OF MONTANA, COUNTY
OF ROSEBUD SS. FILED
30, 1963, AT / P.M., CO. CLERK
2nd pd Howard Tait

File No.

DUPLICATE

T. 53 R. 41E

County Rosebud

RECEIVED
JAN 3 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

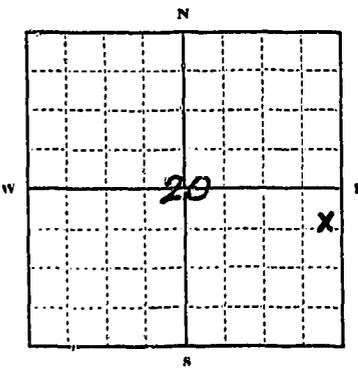
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Brewster Arnold Ranch Co. of Birney
(Name of Appropriator) (Address) (Town)

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



NE 1/4 SE Sec 20 T53S. R. 41E

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

- 2. The beneficial use on which the claim is based livestock water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1951
continuous use
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10'
- 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 hand well
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1951
- 8. The depth of water table 45'
- 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 Brewster Arnold Ranch Co.
Brewster Arnold
Date 12/5/63

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.

21108

179864

STATE OF MONTANA, COUNTY
OF ROSEBUD SS. FILED DEC.
30, 1963, AT/1000 M, CO. CLERK

Howard Lark
by Ellen Clark, Dq.

STATE OF MONTANA
COUNTY OF ROSEBUD
CLERK

1000

x

Howard Lark

GW3

File No.

Should be GW3

T. 55 R. 41E

27

DUPLICATE

SW 7

County *Rosebud*

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater *Mar. 1, 1948*

Owner *John W. Moreland* Address *Birney, Mont.*

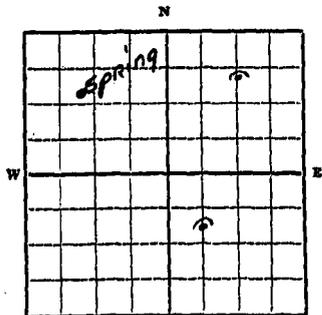
Contractor (if any) *"Bud" Hoyt*

Address of Contractor *Sheridan, Wyoming*

Date Started *May, 1954* Date Completed *May, 1954*

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

Spring Development



undeveloped spring

NW 1/4 NW Sec 27 T. 55 R. 41E

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

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

length of time to fill 5 gal. can

1.5 gal. per min.

Used 8 mo. out of year.

Signature of Owner *John W. Moreland Jr.*

Date *Dec 10 1962*

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

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

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

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

2771
Sievering Spring

176916

STATE OF MONTANA,)
COUNTY OF ROSEBUD) SS.

Filed on the 17th day of Dec.

1962 at 2:00 o'clock P.M.

Shirley J. ...
County Clerk & Recorder

By *Betty M. ...*
County Clerk & Recorder

GW3

File No.....

DUPLICATE

Should be GW3
SW 7

T. 55 R. 41 E

County *Rosebud*

28

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater *Mar. 1, 1948*

Owner *John W. Moreland Jr.* Address *Birney, Mont.*

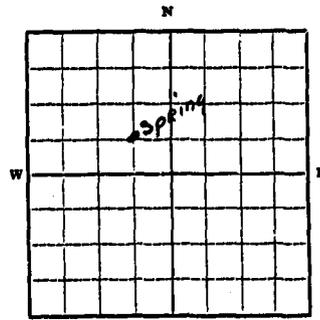
Contractor (if any) *NONE - OWNER MORELAND*

Address of Contractor *Developed Spring (not apply)*

Date Started *1950* Date Completed *1950*

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

Spring Development -



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

SE 1/4 NW Sec 28 T. 55 R. 41 E
Indicate point of appropriation and place of use, if possible.

length of time to fill 5 gal. can -

Amt. produced 3 gal. per min. -

Used 8 mo. out of year -

Signature of Owner *John W. Moreland Jr.*
Dated *Dec 10 1962*

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

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

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

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

Richard's Spring 2770

176915

STATE OF MONTANA,) ss.
COUNTY OF ROSEBUD)

Filed on the 17th day of Dec
1962 at 2:00 o'clock P. M.

Edward L. ...
County Clerk

By Betty M. Fortaine
#20

GWS

File No. _____

DUPLICATE

Should be of W

T. 55 R. 41E

County Rosebud

✓ 23

SW?

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Mar. 1, 1948

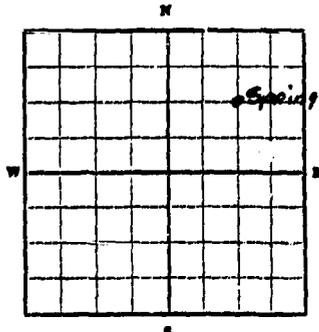
Owner John W. Moreland, Jr. Address Biney, Mont.

Contractor (if any) "Bud" Hoyt

Address of Contractor Sheridan, Wyo.

Date Started May, 1954 Date Completed May, 1954

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



Spring Development -

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

NE 1/4 NE Sec 22, T55, R41E
Indicate point of appropriation and place of use, if possible.

Timing length of time to fill 5 gal. can -
Am't. produced - 50.5 gal. per min.
Used 8 mo. out of year.

Signature of Owner John W. Moreland, Jr.
Date Dec 10 1962

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

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

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

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

176914

STATE OF MONTANA,)
COUNTY OF ROSEBUD) SS.

Filed on the 12th day of Dec

1962 at 2:00 o'clock P. M.

Edward T. ...
County Clerk of Rosebud

By *Betty M. Fontaine*
2:00 P.M. 1962



GW3

File No.

DUPLICATE

Should be GW3

T. 55 R. 41E

County. Rosebud

34

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1962

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Mar. 1, 1948

Owner John W. Moreland Jr Address Birney, Mont.

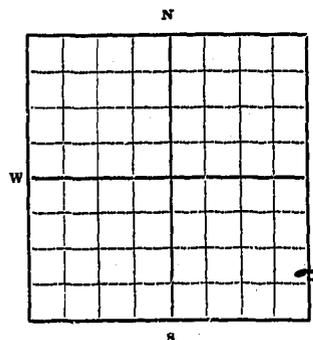
Contractor (if any) NONE

Address of Contractor NONE

Date Started Developed prior to 1948 by Chas. J. Rice, then owner. Date Completed

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

Spring Development -



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

Estimated capacity by Filling

5 gal. cap. 3 gal. per min.

Use 8 mo. out of year

Signature of Owner John W. Moreland Jr

Dated Dec 10 1962

SE 1/4 Sec 34 T55 R41E

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

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

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

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

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

Zinc Spring - 2768

176913

STATE OF MONTANA, }
COUNTY OF ROSEBUD } ss.

Filed on the 12th day of April

1923 at 3:00 o'clock P.M.

Howard Tait
County Clerk & Recorder

By Betty M. Postema
#300

File No.

T. 5S R. 41E 36

DUPLICATE

County Rosebud

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE JAN 3 1964
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

No. II Dug 8' deep into a hillside and lined the water bearing formation with 4" tile and conducted water to a stock tank thru 1 1/2" metal pipe. This water was developed in 1935. Produces about 1 gal. per min. and is used about 1/2 mc.

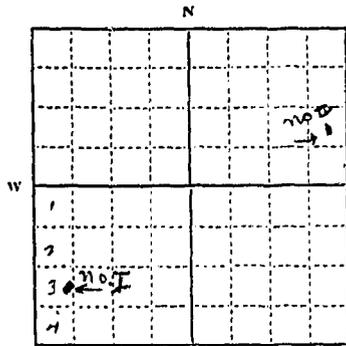
Date of Appropriation of Groundwater

Owner Warren Brewster Address Birney Mont

Contractor (if any)

Address of Contractor

Date Started May 1962 Date Completed May 1962



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dug down into gravel with a backhoe about 10' deep.

Laid 40' of 4" perforated pipe then covered same with small rocks and conducted water to a stock tank thru 200' of 2" plastic.

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

estimate approximate lengths of periods of use. This produces about 5 gal. per min during Apr., May, and June but dries up during Aug., Sept. and Oct.

NW 1/4 SW Sec. 36 T. 5S R. 41E

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

Signature of Owner Warren Brewster

Date Dec. 30 1963

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

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

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

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

File No. _____

T 50 R H1E 36

DUPLICATE

County Rosebud

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE JAN 3 1964
OFFICE OF STATE ENGINEER

STATE ENGINEER

**Notice of Completion of Groundwater Appropriation
Without Well**

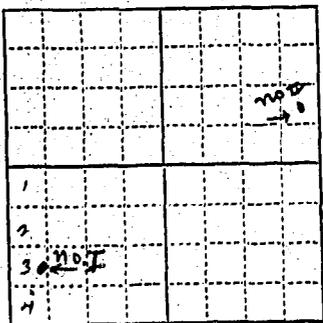
(Under Chapter 237 Montana Session Laws, 1961)

NOTE Dug 8' deep into a hillside and lined the water bearing formation with 4" tile and conducted water to a stock tank thru 1 1/2" metal pipe. This water was developed in 1935. Produces about 1 gal. per min. and is used about 1/2 mo.

Date of Appropriation of Groundwater _____
Owner Warren Brewster Address Birney Mound

Contractor (if any) _____
Address of Contractor _____

Date Started May 1962 Date Completed May 1962



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Plug down into gravel with a backhoe about 10' deep.

Laid 40' of 4" perforated pipe then covered same with small rocks and conducted water to a stock tank thru 200' of 2" plastic.

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

estimate approximate lengths of periods of use. This produces about 5 gal. per min during Apr. May, and June but dries up during Aug., Sept. and Oct.

NW 1/4 Sec 36 T.55 R.4E

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

Signature of Owner Warren Brewster

Date Dec 30 1963

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

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

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

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

179963

STATE OF MONTANA, COUNTY
OF ROSEBUD SS- FILED DEC.
30, 1963, AT 5:00 P. M., CO. CLERK

2.00

Howard Tait
Donis Jean Helled, Dep.

GW 3

File No.

DUPLICATE

Sheridan Co. 2/11/62

T. 55 R. 41E

County *Rosebud*

✓ 36

RECEIVED
DEC 14 1962

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater *March 1, 1948*

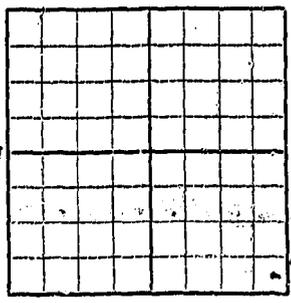
Owner *John W. Moreland, Jr.* Address *Birney, Mont.*

Contractor (if any) *"Bud" Hoyt*

Address of Contractor *Sheridan, Wyo.*

Date Started *May 1954* Date Completed *May 1954*

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. *Natural Process by Spring Development*



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

SE 1/4 Sec. 36 T. 55 R. 41E

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

length of time to fill 5 gal. Can. Amt. produced: 12 gal. per Min. Used 8 months out of year.

Signature of Owner *John W. Moreland*

Date *Dec 10 1962*

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

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

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

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

2766
(CORNER Sch. SEC. Spring)

176911

STATE OF MONTANA,) SS.
COUNTY OF ROSEBUD)

Filed on the 17th day of Dec

1962 at 2:00 o'clock P M

Sheward T. L.
County Clerk of Rosebud

By Betty M. Peterson
Clerk

QWS

File No.

DUPLICATE

*Should be of W**

T. 55 R 41E

County Rosebud

✓ 36

RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Mar. 1, 1948

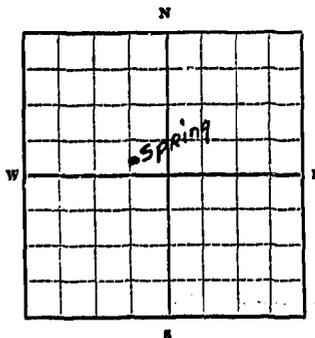
Owner John W. Moreland Jr Address Bismay, Mont.

Contractor (if any) NONE

Address of Contractor _____

Date Developed 1953 Date Completed 1953

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural - Spring -
Timing length of time it took to fill
5 gal. can AM't. produced 5 gal. PER
min. Used 8 mo. out of year.



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

SE 1/4 NW Sec 36 T 55 R 41E
Indicate point of appropriation and place of use, if possible.

Timing length of time it took to
fill 5 gal. can. AM't. produced 5 gal.
PER min. -
Used 8 mo. out of year.

Signature of Owner John W. Moreland Jr

Date Dec 10 1962

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

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

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

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

176912

STATE OF MONTANA,
COUNTY OF ROBERTS,

filed on the 12th day of Dec

1962 at 2:00 o'clock P. M.

Edward J. [unclear]
County Clerk & Ex-Officio

by Betty M. [unclear]
[unclear]