

103632
RECEIVED
NOV 21 1958
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Wm. Brenne Address Mill Iron, Montana
Driller Henry Briant Address Malak, Montana
Date Started August 22, 1958 Date Completed August 29, 1958
Location: Sec. 22 T. 1 S. R. 61 E. $\frac{1}{4}$ sec. SWNE

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 300 ft. Type Black tubing Size 4 In.
Casing: 300 ft. to 335 ft. Type " " Size 3 In.
Casing: _____ ft. to _____ ft. Type _____ Size _____
Perforated or Screened: Ft. 300 to ft. 335 Ft. _____ to ft. _____
Type of screen or perforations $\frac{1}{4}$ In. holes

Static Water level, for non-flowing well: _____ feet.
Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)
Pumping water level 195 feet at 10 gal. per min.
How tested: Bailer
Length of test: 1 hour

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	4	Top Soil
4	38	Brown sand
38	44	Coal
44	90	Dry Sand
90	98	Coal
98	120	Light shale
120	123	Hard rock
123	156	Light shale
156	159	Coal
159	172	Dark shale
172	180	Sandrock (Small seep of water)
180	198	Shale gray
198	210	Coal
210	229	Dark shale
229	240	Sandrock (dry)
240	275	Dark shale
275	292	Sandy shale
292	310	Sandrock (small vein of water)
310	314	Hardrock
314	335	Sandrock (water)

108402

Form No. 18
8-60T. 1 S R. 61 ECounty CarterMONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

X		

Owner Martin Abel Address Helena, MontanaDriller Delmas Baird Address Helena, MontanaDate Started 8/14/61 Date Completed 8/19/61Location: Sec. 27 T. 1 S R. 61 E $\frac{1}{4}$ sec. NE 1/4Type 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 220 ft. Type Steel Size 1 1/2" OD

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

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

Perforated or Screened: Ft. 160 to ft. 220 Ft. _____ to ft. _____Type of screen or perforations Holes & SlotsStatic Water level, for non-flowing well: 57 feet.

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

Pumping water level 57 feet at 20 gal. per min. _____How tested: BailerLength of test 5 hours

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

Bailer time was due to the probability that drilling water might have been lost ina crevice, as it was all rock. No water was lost due to drilling.

(over)

Log of Well

[illegible]

File No. _____

T. 1 S. R. 61 E.

DUPLICATE

County _____ Carter

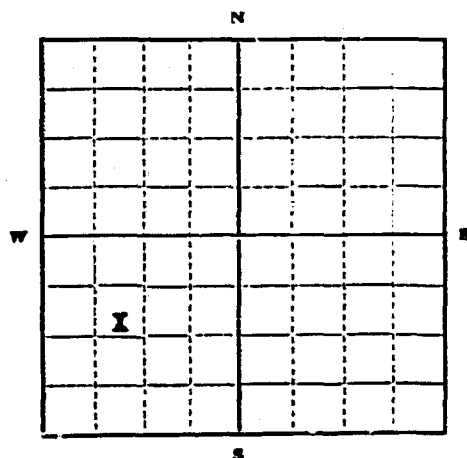
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Coal Bank Spring

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

United States Government
1. Custer National Forest of Camp Crook
(Name of Appropriator) (Address) (Town)
County of Hawling State of South Dakota
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4, SW Sec. 27, T. 1S, R. 61E.

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

2. The beneficial use on which the claim is based
stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Aug. 1961
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 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
not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
per forated tile
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1961
8. The depth of water table surface
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. water is collected by perforated tile and piped to stock watering tank.
10. The estimated amount of groundwater withdrawn each year 13,000 gallons
11. The log of formations encountered in the drilling of each well if available not applicable
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 Recorded in files of U. S. Forest Service at Camp Crook, South Dakota

U. S. Forest Service
Signature of Owner Monty L. Lusk
District Ranger
Date 10-30-62

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.

2394

110981

Filed for Record
at 4:00 o'clock P.M.

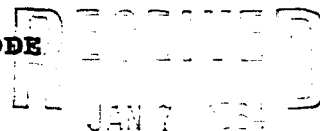
NOV 1 1962
Ray Dickerson
County Clerk
Gene M. Brewster
Deputy
Fee \$2.00

File No. 113501

DUPLICATE

T. 15 R. 61E.
County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1963) STATE ENGINEER

William E. Kennedy

, of

Ekala Ka

(Name of Appropriator)

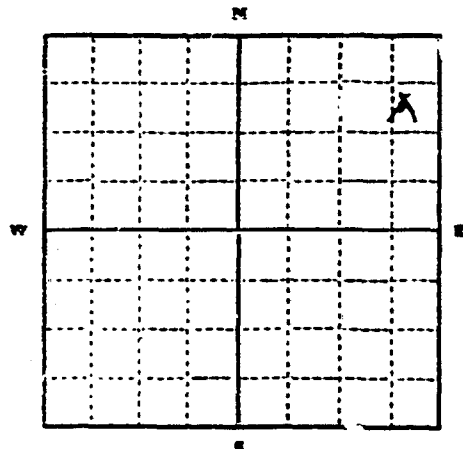
(Address)

(Town)

County of

State of

Carter Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:



NE 1/4 NE Sec 29 T. 15 R. 61E

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 1936 continuous

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

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

8. The depth of water table 200 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 inch casing

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

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 See Carter County Records

Signature of Owner

William E. Kennedy

Date

Dec. 30 - 1963

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

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

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

25428

Filed for Record
450

DEC 31 1983

Jane M. Brewster

County Clerk

Calvin M. Stuey
Deputy

Fee: \$2.00

File No. _____

T. 1 S. R. 61 E.

DUPLICATE

County Carter

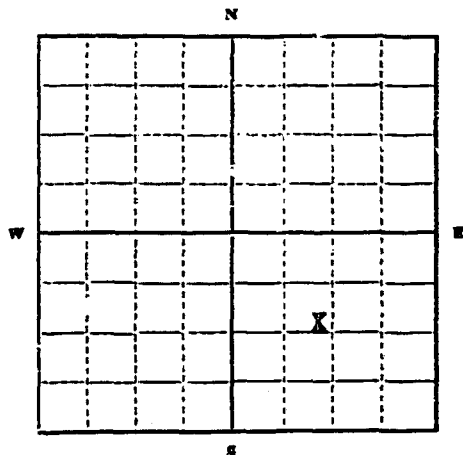
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. United States Government of Camp Creek
Custer National Forest (Name of Appropriator) (Address) (Town)
 County of Harding State of South Dakota
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N. 1/4, SE. Sec. 29, T. 1 S. R. 61 E.

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

2. The beneficial use on which the claim is based stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1935 - continuous during the summer months
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 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 not applicable
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 1935
8. The depth of water table 261'
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 6" casing with 1 1/2" pipe with 3" cylinder, windmill with 10' wheel
10. The estimated amount of groundwater withdrawn each year 216,000 Gallons
11. The log of formations encountered in the drilling of each well if available 1-15' gumbo, 15-18' sand rock, 18-46' gumbo, 46-48' coal, 48-61' hard sand rock, 61-63' coal, 63-67' hard rock, 67-92' gumbo, 92-102' hard sand rock, 102-107' coal, 107-113' gumbo, 113-119' hard sand rock, 119-144' gumbo, 144-149' coal, 149-176' gumbo, 176-217' hard sand rock, 217-277' soft sand rock, 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 Recorded in files of U. S. Forest Service at Camp Creek, South Dakota.

U. S. Forest Service
 Signature of Owner Marvin Angulo
 District Ranger
 Date 10-30-62

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.

110973

Filed for Record
at 4:00 o'clock P.M.

NOV 1 1962

Ray Dickerson
County Clerk

James D. Brewster
Deputy

Fel \$ 200

GW2

File No. 110258

DUPLICATE

RECEIVED
DEC 16 1963

T. 1 S. R. 61 E.

County *center*STATE ENGINEER MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

0-25 Top soil
 25-30 gravel duff
 30-60 yellow sand Rock
 60-75 light sand shale
 75-100 gray sand
 100-115 sandy shale
 115-140 Red Rock
 140-160 black shale
 160-165 sand Rock
 165-180 blue sand
 180-190 Coal
 190-195 sand Rock
 195-210 gray sand
 210-215 sand Rock 5 1/2'
 215-225 light shale
 225-230 water sand!

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

U. S. Government

Owner Custer Nat'l Forest

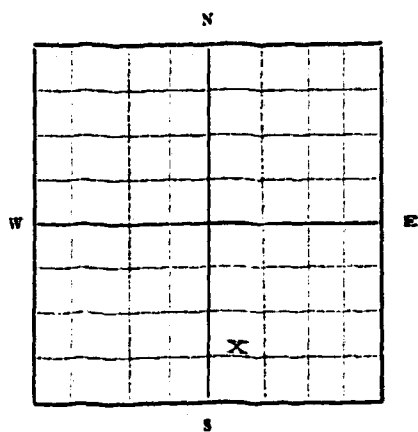
Address Billings, Montana

Driller *Henry Brant*Address *Chalchamont*

Date of Notice of Appropriation of Groundwater

Date well started *June 8*Date Completed *June 15*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.



SE 1/4 Sec. 22 T. 1 S. R. 61 E.

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

Show exact depth of bottom.

230 ft

Static Water Level for non-flowing Well *155* feet.

Shut-in Pressure for Flowing Well

Pumping Water Level *175* feet at *6* gal. per minute.

Discharge in gal. per min. of flowing well

How Tested *bauling* Length of Test *9 hour*

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)

Filed for Record

at *4:30* o'clock *P.M.*

JUN 19 1962

County Clerk

Driller's License Number *66*Driller's Signature *Henry Brant*

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.

915.

File No. _____

T. 13. R. 61 E.

DUPLICATE

County Carter

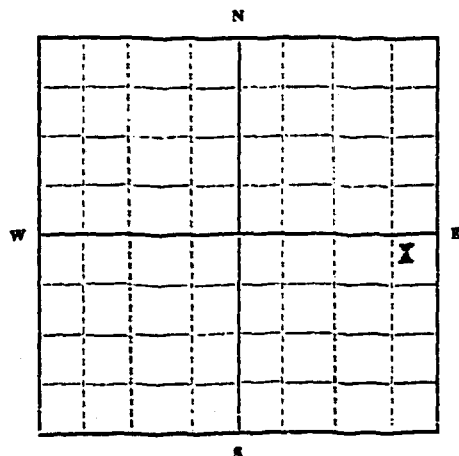
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Subway #1 Spring

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. United States Government
Custer National Forest of Camp Crook
(Name of Appropriator) (Address) (Town)
County of Harding State of South Dakota
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 SE Sec. 33 T. 13, R. 61 E.

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

2. The beneficial use on which the claim is based stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct. 28, 1938
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 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 not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal spring box
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1938
8. The depth of water table surface
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 spring box with 1 1/2" pipe to stock watering tank
10. The estimated amount of groundwater withdrawn each year 216,000 gallons
11. The log of formations encountered in the drilling of each well if available not applicable
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 Recorded in files of U. S. Forest Service at Camp Crook, South Dakota

U. S. Forest Service
Signature of Owner Maxter L. L. L.
District Ranger
Date 10-30-62

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.

2415

111002

Filed for Record
4.00 o'clock P.M.

NOV 1 1962
Ray Nickerson
County Clerk
Jane M. Brewster
Deputy
Fee \$ 2.00

File No. _____

T. 1 S. R. 61 E.

DUPLICATE

County Carter

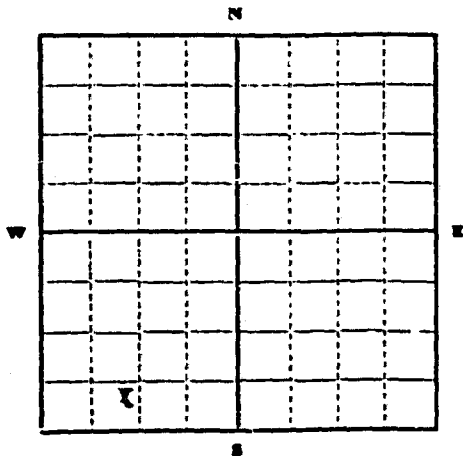
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Spring Canyon Spring
ENGINEER

1. United States Government of Carp Creek
Custer National Forest (Name of Appropriator) (Address) (Town)
 County of Harding State of South Dakota
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 33 T. 1S. R. 61E.

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

2. The beneficial use on which the claim is based
stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Oct. 28, 1938 - continuous during the summer months
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 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
Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Spring box
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1938
8. The depth of water table surface
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 spring box with 1 1/2" pipe to stock watering tank
10. The estimated amount of groundwater withdrawn each year 216,000 gallons
11. The log of formations encountered in the drilling of each well if available not applicable
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 Recorded in files of U. S. Forest Service at Carp Creek, South Dakota

U. S. Forest Service
 Signature of Owner Martin Lytle
 District Ranger
 Date 10-30-62

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.

110991

Filed for Record
at 4:00 o'clock P.M.

NOV 1 1962
Ray Dickson
County Clerk
Gene M. Brumster
Deputy
Fee \$ 2.00

File No. 113379

DUPLICATE

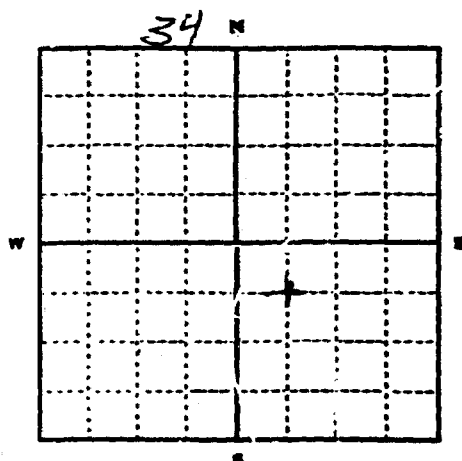
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T15 R61E
County Custer
RECEIVED
JAN 7 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Walfred R. Steg, of Camp Creek
(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:



NW NE Sec 34 T15 R61E
SW SE

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 Stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1941
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
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 1941
8. The depth of water table 185 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 6 in casing but aug 185 ft
10. The estimated amount of groundwater withdrawn each year 3972000
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 references to book and page of any county record

Signature of Owner Walfred R. Steg

Date Dec 30, 1963

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

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

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

25821

Filed for Record
3:00 P.M.

DEC 30 1963
Jane M. Brewster
Cally M. Steeg
Fee: \$ 2.00

File No. _____

T. 13. R. 61 E.

DUPLICATE

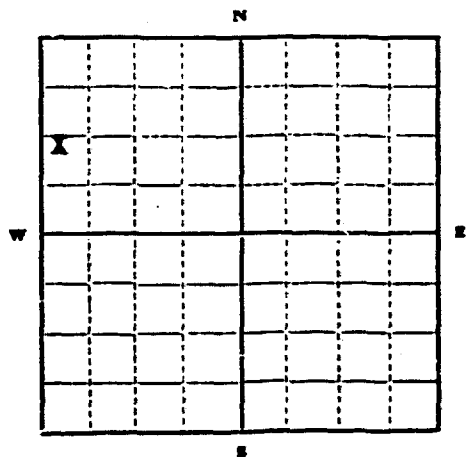
County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. United States Government
Custer National Forest of Camp Crook
(Name of Appropriator) (Address) (Town)
County of Harding State of South Dakota
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$ Sec. 34 T. 13 R. 61 E.

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

2. The beneficial use on which the claim is based
stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Aug. 1961 - continuous during summer months
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 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
not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
tile and spring box
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Aug. 1961
8. The depth of water table surface
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 Water is collected by perforated tile to box and piped into stock watering tank
10. The estimated amount of groundwater withdrawn each year 43,200 gallons
11. The log of formations encountered in the drilling of each well if available not applicable
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 Recorded in files of U. S. Forest Service at Camp Crook, South Dakota

Signature of Owner [Signature]
District Ranger
Date 11-30-62

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.

110982

Filed for Record
at 4.00 o'clock P.M.

NOV 1 1962

Ray Pickerson
County Clerk
James H. Brewster
Deputy
JUL 2.00

File No. 113378

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

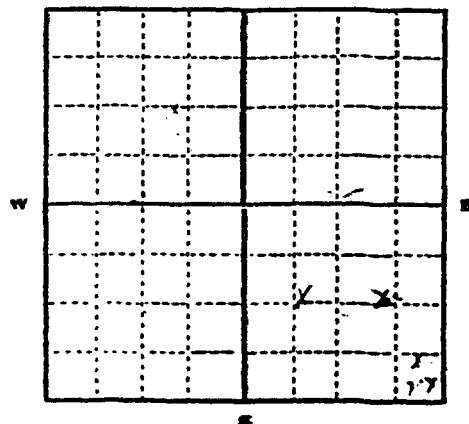
T. 1 E R. 61 E
County Carter
RECEIVED
JAN 7 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Wilfred R. Stree, of Carter, S. D.
(Name of Appropriator) (Address) (Town)

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



SE 1/4 SE Sec 35 T1S R61E

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

Irrigation

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

Wilfred R. Stree
Dec 30 1963

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

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

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

25820

Filed for Record

at 3:00 P.M.

DEC 10 1963

Jane M. Brewster

County Clerk

Cally M. Stieglitz

Deputy

Fee: \$2.00

GROUNDWATER INDEX

Page of

County CARTER

wp.

15

Rge. 52 E

[illegible]

File No. _____

NOV 21 1966

T 1 S R 62E

DUPLICATE

Site _____

But _____

County _____

State of MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater _____

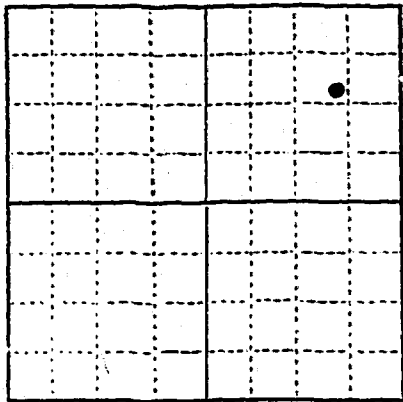
Owner Arledge Ranch Mill Grow,

Contractor (if any) Myer Construction

Address of Contractor Elkhart, Montana

Date Started Oct 8

Date Completed Oct 11-1966



NE 1/4 Sec. 4 T. 1 S. R. 62 E

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

1) Describe means of obtaining groundwater (as by sub-irrigation,

developed spring, drains, etc.) with Back-Hoe

Appropriately 72 ft. long

2) Means of withdrawing water (gravity, pump, canal, etc.) _____

3) Depth of water table from 3 to 5 ft in coal

4) Use of the water livestock

5) Amount of groundwater claimed (in miner's inches, or gallons

per minute) 5 gallons per minute

6) If used for irrigation, give number of acres and description of

land none

7) Estimate amount of water used each year _____

Signature of Owner Heather Ann Arledge

Date Nov 4, 1966

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.

41,613

117883

CARTER COUNTY
EASTERN MONTANA

Filed for Record
at 10:45 AM

NOV 18 1966

James M. Drumster
County Clerk

Deputy

fee \$ 2.00

T 1 S. R 62 E.
County CARTER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Bill Bronce Address Mill Iron, Montana
Driller Henry Briant Address Khalaka, Montana
Date Started 11-1-57 Date Completed 11-15-57
Location: Sec. 6 T. 1 S R. 62 E $\frac{1}{4}$ sec. S4SE

Type of well	Drilled	Equipment used	Rotary
	(Dug, driven, bored, or drilled)		(Churn drill, rotary, other)
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
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97			
98			
99			
100			

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

Casing:	0	ft. to	361	ft.	Type	Black casing	Size	4 In I. D.
Casing:	375	ft. to	480	ft.	Type	Black Casing	Size	3 In. I. D.
Casing:	480	ft. to	385	ft.	Type		Size	

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

Type of screen or perforations..... $\frac{1}{8}$ In. Round holes on three sides.....

Static Water level, for non-flowing well: 50 feet.

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

Pumping water level 66 feet at 10 gal. per min.

How tested: Bailed

Length of test 3 Hours

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

350 Ft. of 4 In. Casing was cemented in at 350 Ft. set 72 hours and

drilled out

(over)

Log of Well

[illegible]

108190
Form No. 18
8-60

17
T. 18 R. 62 E
County Carter

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 30 1961

WATER WELL LOG

STATE ENGINEER

Owner Turbiville Bros. Address Camp Crook, S. Dak.
Driller Henry Bryant Address Butte, Montana
Date Started June 29, 1961 Date Completed June 30, 1961
Location: Sec. 19 T. 18 R. 62 E $\frac{1}{4}$ sec. 22

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 122.6 ft. Type steel pipe Size 4"

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

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

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

Type of screen or perforations round hole

Static Water level, for non-flowing well: 97 feet.

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

Pumping water level 105 feet at 5 gal. per min. _____

How tested: bailing

Length of test 1 hour

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

(over)

Log of Well

[illegible]

File No. _____

DUPLICATE

T 15 R 62 E

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level _____)

0 to 120 open hole

120 to 220 sand

water

sand

Owner Imbivell Bros Address Chelby
Driller Henry Brunst Address Chelby

Date of Notice of Appropriation of Groundwater _____

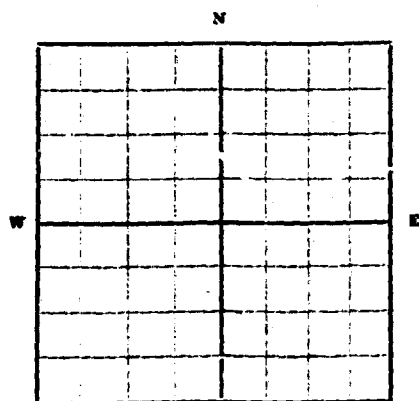
Date well started July 10 Date Completed July 13

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 1/2	4" 11 lb per ft	0	220	round hole 3 1/4"	180	220



SW 1/4 Sec 19 T. 15 R. 62 E

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

Show exact depth of bottom.

220 ft

Static Water Level for non-flowing Well 65 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 70 feet at 8 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Surge Length of Test 1 hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation) _____

Driller's License Number 66Driller's Signature Henry Brunst

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.

111332

Filed for Record

at 4:00 o'clock P.M.

DEC 17 1962

Ray Dickerson
County Clerk

James M. Brunster
Deputy

Fee \$ 2.00

111332

Filed for Record

at 4:00 o'clock P.M.

DEC 17 1962

Ray Anderson
County Clerk

Jane M. Brewster
Deputy

Fee \$ 2.00

GROUNDWATER INDEX

Page of

County CARTER Twp. 25 Rge. 55E

[illegible]

File No. 113055

DUPLICATE

RECEIVED
FEB 19 1964

T 2 S R 55 E
County Carter

STATE ENGINEER
STATE OF MONTANA

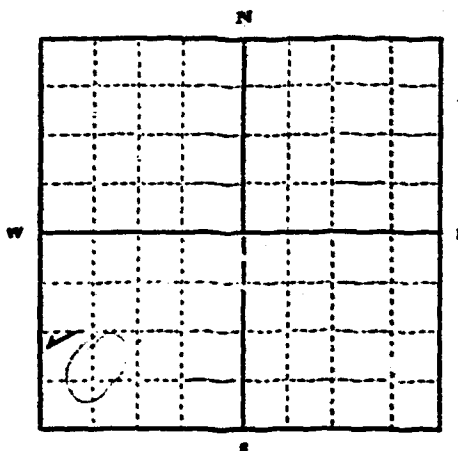
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

W. Donald Eugene & Kate Schults, of Kalaka
(Name of Appropriator) (Address) (Town)

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



1/4 Sec 12 T. 2 S. R. 55 E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 20-1961 Used intermittently from June through Oct. since that date.

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

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 Pumped by windmill. Location described at left.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 11-1961. Completed June 13 1961.

8. The depth of water table 90 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-inch hole dug 125 ft deep

10. The estimated amount of groundwater withdrawn each year 60000

11. The log of formations encountered in the drilling of each well if available 5 ft. - 5 to 12 ft. - 13 ft. - 14 ft. - 15 ft. - 16 ft. - 17 ft. - 18 ft. - 19 ft. - 20 ft. - 21 ft. - 22 ft. - 23 ft. - 24 ft. - 25 ft. - 26 ft. - 27 ft. - 28 ft. - 29 ft. - 30 ft. - 31 ft. - 32 ft. - 33 ft. - 34 ft. - 35 ft. - 36 ft. - 37 ft. - 38 ft. - 39 ft. - 40 ft. - 41 ft. - 42 ft. - 43 ft. - 44 ft. - 45 ft. - 46 ft. - 47 ft. - 48 ft. - 49 ft. - 50 ft. - 51 ft. - 52 ft. - 53 ft. - 54 ft. - 55 ft. - 56 ft. - 57 ft. - 58 ft. - 59 ft. - 60 ft. - 61 ft. - 62 ft. - 63 ft. - 64 ft. - 65 ft. - 66 ft. - 67 ft. - 68 ft. - 69 ft. - 70 ft. - 71 ft. - 72 ft. - 73 ft. - 74 ft. - 75 ft. - 76 ft. - 77 ft. - 78 ft. - 79 ft. - 80 ft. - 81 ft. - 82 ft. - 83 ft. - 84 ft. - 85 ft. - 86 ft. - 87 ft. - 88 ft. - 89 ft. - 90 ft. - 91 ft. - 92 ft. - 93 ft. - 94 ft. - 95 ft. - 96 ft. - 97 ft. - 98 ft. - 99 ft. - 100 ft. - 101 ft. - 102 ft. - 103 ft. - 104 ft. - 105 ft. - 106 ft. - 107 ft. - 108 ft. - 109 ft. - 110 ft. - 111 ft. - 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612 ft. - 613 ft. - 614 ft. - 615 ft. - 616 ft. - 617 ft. - 618 ft. - 619 ft. - 620 ft. - 621 ft. - 622 ft. - 623 ft. - 624 ft. - 625 ft. - 626 ft. - 627 ft. - 628 ft. - 629 ft. - 630 ft. - 631 ft. - 632 ft. - 633 ft. - 634 ft. - 635 ft. - 636 ft. - 637 ft. - 638 ft. - 639 ft. - 640 ft. - 641 ft. - 642 ft. - 643 ft. - 644 ft. - 645 ft. - 646 ft. - 647 ft. - 648 ft. - 649 ft. - 650 ft. - 651 ft. - 652 ft. - 653 ft. - 654 ft. - 655 ft. - 656 ft. - 657 ft. - 658 ft. - 659 ft. - 660 ft. - 661 ft. - 662 ft. - 663 ft. - 664 ft. - 665 ft. - 666 ft. - 667 ft. - 668 ft. - 669 ft. - 670 ft. - 671 ft. - 672 ft. - 673 ft. - 674 ft. - 675 ft. - 676 ft. - 677 ft. - 678 ft. - 679 ft. - 680 ft. - 681 ft. - 682 ft. - 683 ft. - 684 ft. - 685 ft. - 686 ft. - 687 ft. - 688 ft. - 689 ft. - 690 ft. - 691 ft. - 692 ft. - 693 ft. - 694 ft. - 695 ft. - 696 ft. - 697 ft. - 698 ft. - 699 ft. - 700 ft. - 701 ft. - 702 ft. - 703 ft. - 704 ft. - 705 ft. - 706 ft. - 707 ft. - 708 ft. - 709 ft. - 710 ft. - 711 ft. - 712 ft. - 713 ft. - 714 ft. - 715 ft. - 716 ft. - 717 ft. - 718 ft. - 719 ft. - 720 ft. - 721 ft. - 722 ft. - 723 ft. - 724 ft. - 725 ft. - 726 ft. - 727 ft. - 728 ft. - 729 ft. - 730 ft. - 731 ft. - 732 ft. - 733 ft. - 734 ft. - 735 ft. - 736 ft. - 737 ft. - 738 ft. - 739 ft. - 740 ft. - 741 ft. - 742 ft. - 743 ft. - 744 ft. - 745 ft. - 746 ft. - 747 ft. - 748 ft. - 749 ft. - 750 ft. - 751 ft. - 752 ft. - 753 ft. - 754 ft. - 755 ft. - 756 ft. - 757 ft. - 758 ft. - 759 ft. - 760 ft. - 761 ft. - 762 ft. - 763 ft. - 764 ft. - 765 ft. - 766 ft. - 767 ft. - 768 ft. - 769 ft. - 770 ft. - 771 ft. - 772 ft. - 773 ft. - 774 ft. - 775 ft. - 776 ft. - 777 ft. - 778 ft. - 779 ft. - 780 ft. - 781 ft. - 782 ft. - 783 ft. - 784 ft. - 785 ft. - 786 ft. - 787 ft. - 788 ft. - 789 ft. - 790 ft. - 791 ft. - 792 ft. - 793 ft. - 794 ft. - 795 ft. - 796 ft. - 797 ft. - 798 ft. - 799 ft. - 800 ft. - 801 ft. - 802 ft. - 803 ft. - 804 ft. - 805 ft. - 806 ft. - 807 ft. - 808 ft. - 809 ft. - 810 ft. - 811 ft. - 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Filed for Record

at 1:45 o'clock P.M.

DEC 16 1963

Jane M. Brewster

County Clerk

Collyer M. E. E.
Deputy

56081

RECEIVED

File No. 113025

DUPLICATE

Fee: \$2.00

T. 2 S. R. 55 E

County Carter

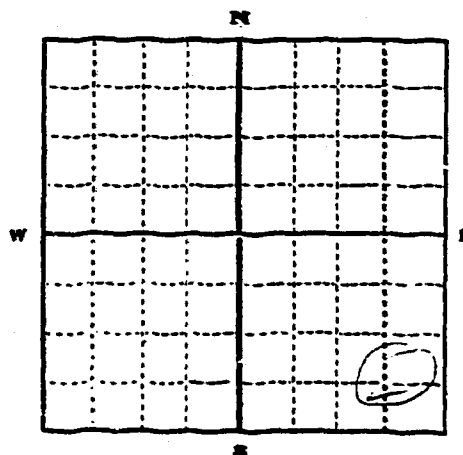
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 20 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

We, Donald Eugene + Kate Schuch, of Ekalaka
(Name of Appropriator) (Address) (Town)
County of Carter State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 13 T. 2 S. R. 55 E

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

2. The beneficial use on which the claim is based One water well used to water livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been About 1962 first used and has been used continuously since that date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) About 6 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 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 Pumped by windmill. Location described above plot
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started Dec 1961, Completed June 1962
8. The depth of water table 135 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 3-inch hole dug about 150 ft.
10. The estimated amount of groundwater withdrawn each year 45000 gal
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Kate Schuch

Date Dec 13 - 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.

10017

Filed for Record

10330 10:30 A.M.

DEC 13 1963

Jane M. Brewster

County Clerk

Callum M. Staley

Deputy

File No. 113271

T 2S R 55E.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

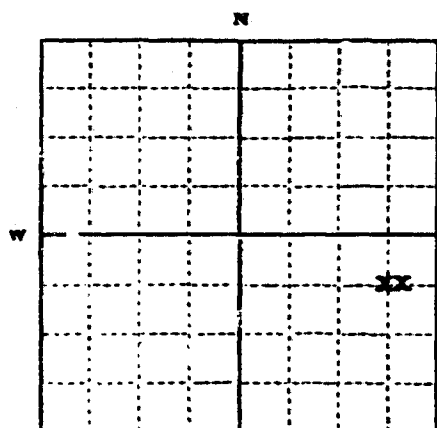
RECEIVED
Carter
DEC 27 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Geo. Kreitel, of Ekalaka
(Name of Appropriator) (Address) (Town)
County of Carter 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 33 T 2S R 55E.

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 watering livestock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1933 and continuously since then.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal spring is rocked up on three sides and front side is planned and cattle drink from front.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1933
8. The depth of water table surface water.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater spring itself serves as tank.
10. The estimated amount of groundwater withdrawn each year unknown
11. The log of formations encountered in the drilling of each well if available none.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none.

Geo. Kreitel

Signature of Owner Geo. Kreitel

Date Dec. 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.

13412

Filed for Record
at 3:00 P.M.

DEC 07 1983

Jane M. Brewster

County Clerk

Cally M. Steig
Deputy

Fee: \$2.00

13428
Filed,
Dec. 31, 1963,
at 11:00 A.M.
Jane W. Brewster
Clerk and Recorder
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER


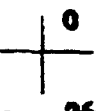
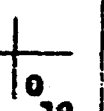

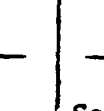

19, 208
Twp 1 S, Rge 55 E 2

Carter Co.

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

JAN 1 1964

1. Mr. Walter Brewer, of Powderville, Montana,
County of POWDER RIVER, STATE OF MONTANA, have appropriated groundwater according to
the Montana Laws in effect prior to January 1, 1962, as follows:

	1-55	2-55	3-55			
						
	Sec. 19	Sec. 26	Sec. 19	Sec. 19	Sec. 19	Sec. 19
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Basis of						
2. Beneficial Use	Stock	Stock	Stock			
DATE DRILLED	1942	1943	1957			
3. How continuously used	constant	constant	constant			
Amount Claimed						
4. (gal. per minute)	8	8	8			
Irrigated description						
Irrigation owner						
5. Irrigated acreage						
Location (40 acres)	SE 1/4	NE 1/4	SE 1/4			
6. Withdrawal means	windmill	windmill	windmill			
7. Completion date	1942	1943	1957			
8. Water depth table	40'	40'	40'			
Type (drilled or dug)	drilled	drilled	drilled			
9. Size & Depth	4" x 85'	4" x 105'	4" x 115'			
Estimated annual						
10. amount withdrawn						
11. Other information						
12. Log, if available						

STATE OF MONTANA)
County of Powder River) ss.

Signature of Owner: Walter Brewer

Date 12-30-63

Walter Brewer having first been duly sworn, deposes and says that he is of
lawful age and is the appropriator and claimant of the order and water right mentioned in
the foregoing Declaration of Vested Groundwater Rights and the person whose name is sub-
scribed thereto, as the appropriator and claimant, that he knows the contents of said
foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me this
30th day of December, 19 63.

Paul H. Ladd deputy
Clerk & Recorder, Powder
River County, Broadus, Montana

Walter Brewer

25863

13272, Filed,
Dec. 27, 1963,
at 3:00 P.M.
Jane M. Brewster
Clerk and Recorder
\$2.00 fee paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Carter Co.
Twp. 2 S, Rge 55 E

RECEIVED
DEC 27 1963

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Geo. Kreitel, of Kaloka, Montana,
County of Broadwater, STATE OF MONTANA, have appropriated groundwater according to
the Montana Law in effect prior to January 1, 1962, as follows:

Duplicate

	<div><div></div><div>x</div></div> Sec. 35	<div><div></div><div>x</div></div> Sec. 31	<div><div></div><div>x</div></div> Sec. 32	<div><div></div><div>x</div></div> Sec. 28	<div><div></div><div>x</div></div> Sec. 18	<div><div></div><div>x</div></div> Sec. 17
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Beneficial Use	watering Livestock	watering Livestock	watering Livestock	watering Livestock	watering Livestock	watering Livestock
3. How continuously used	1932	1956	1946	1947	1960	1948
4. Amount Claimed	Used continuously since the above dates.	6 gallons	6 gallons	15 gallons	15 gallons	10 gallons
5. Irrigated description	None	none	none	none	none	none
6. Irrigation owner	None	None	None	None	None	None
7. Irrigated acreage	None	None	None	None	None	None
8. Location (40 acres)	None	None	None	None	None	None
9. Withdrawal means	None	None	None	None	None	None
10. Completion date	1932	1956	1946	1947	1960	1948
11. Water depth table	2 feet	60 feet	90 feet	150 feet	50 feet	100 feet
12. Type (drilled or dug)	dug	drilled	drilled	drilled	drilled	drilled
13. Size & Depth	14' deep 4' square	160' deep 4' pipe	240 feet 4' pipe	360 feet 4' pipe	160 feet 4' pipe	300 feet 4' pipe
14. Estimated annual amount withdrawn	unknown	unknown	unknown	unknown	unknown	unknown
15. Other information	none	none	none	none	none	none
16. Log, if available	none	none	none	none	none	none
17. Windmill	Windmill	Windmill	Windmill	Windmill	Windmill	Windmill
18. Tank	10' round wooden tank	14' round wooden tank	10' round wooden tank	10' round wooden tank	16' round wooden tank	26' x 30' concrete tank.

STATE OF MONTANA)
County of Broadwater) ss.
Carter

Geo. Kreitel
Signature of Owner: Geo. Kreitel

Date Dec. 27, 1963

Geo. Kreitel having first been duly sworn, deposes and says that he is of
lawful age and is the appropriator and claimant of the order and water right mentioned in
the foregoing Declaration of Vested Groundwater Rights and the person whose name is sub-
scribed thereto, as the appropriator and claimant, that he knows the contents of said
foregoing notice and that the matters and things therein stated are true.
Subscribed and sworn to before me this
27th day of December, 1963.

Clerk & Recorder, Powder
River County, Broadus, Montana

Bruce M. Shelden, Notary Public
For the State of Montana
My Commission expires Dec. 1, 1964. 13713

108164

T 2 S R 55 E

County Carter

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 28 1961

WATER WELL LOG

STATE ENGINEER

Owner Donald Schults Address Malak, Montana

Driller Merle R. Bundy Address Ballis Funches, S. D.

Date Started 6/11/61 Date Completed 6/13/61

Location: Sec 12 T 2 S R 55 E 1/4 sec 8 1/2

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: 2 0 ft. to 144 ft. Type Black Size 4 in

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

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

Perforated or Screened: Ft. 86 to ft. 127 Ft. _____ to ft. _____

Type of screen or perforations Slots cut with torch

Static Water level, for non-flowing well: 30 ft of top feet.

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

Pumping water level 90 feet at 15 gal. per min. 0.00

How tested: pumped

Length of test 1 hour

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

(over)

Log of Well

[illegible]

GROUNDWATER INDEX

Page of

County CARTER Twp. 2S Rge. 56E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	MCULLETT, BUD	GW-2	117980	
2	BLAIR, THOMAS C.	GW-2	119737	
2	MOULLETT, BUD	WATER WELL LOG	168100	
7	SCHULTZ, DONALD	WATER WELL LOG	108165	
7	SCHULTZ, KATE & ANNIE	GW-4	113057	
8	SCHULTZ, DONALD	GW-2	117661	
9	LAIRD, ERLAND	GW-4	113375	
13	COOPER ESTATE	WATER WELL LOG	164652	
20	SCHULTZ, KATE	GW-2	110341	
21	SCHULTZ, KATE	GW-3	112942	
23	SCHULTZ, DONALD W.	WATER WELL LOG	164527	
23	SCHULTZ, DONALD & EVELINE	GW-4	113056	
27	GRIFFIN, CARSON	GW-4	113469	
28	GRIFFIN, CARSON.	GW-2	113469	
29	KREITEL, GEORGE	GW-2	128331	
29	KREITEL RANCH	GW-2	131472	
35	BLAIR, THOMAS C.	GW-2	122401	
13	CROY, HOLLY	GW-2	115934	

File No. _____

T. 2-S R. 56 E

DUPLICATE

County CARTER

LOG

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

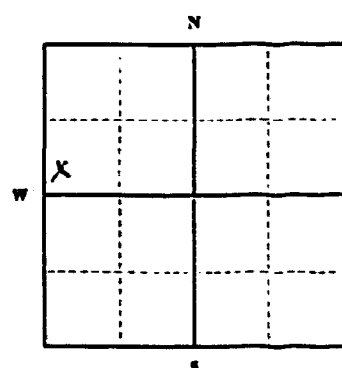
Owner Bud MOULETT Address Elk Lake, Mont.Driller Merle R. Bandy Address Belle Fourche, SD

Date of Notice of appropriation of groundwater _____

Date well started 12-9-66 Date completed 12-14-66Type of well Drilled Equipment used Rotary
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 7/8	4 1/2 ID 1116	0	248	Slots cut with tooth	194	235

Static Water Level for non-flowing well 160 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 200 feet
at 20 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested PumpedLength of Test 1 hour

Remarks: (Gravel packing, cementing, pack-

SW 1/4 Sec 1 T. 2 S. R. 26 E (ers, type of shutoff) _____

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number 112Driller's Signature Merle R. Bandy

41, 562

117980

CARTER COUNTY
BEAVER MONTANA

Filed for Record

at 10:45 AM

DEC 6 1966

John M. Drummer
County Clerk

Deputy

Fee \$ 2.00

File No. 2112

MONTANA WATER RESOURCES BOARD

RECEIVED

DUPLICATE

T. 25 R 56 ECounty CARTERSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

15ft surface
15ft 20 sand NICK
21ft 30ft SHALE
30ft 50ft SHALE
50ft 55ft gravel
55ft 80 sandstone
80 85 shale
85 120 ROCK
120 140 shale
140 180 ROCK
180 225
SANDS and
WATER BEARING
FORMATIONS

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

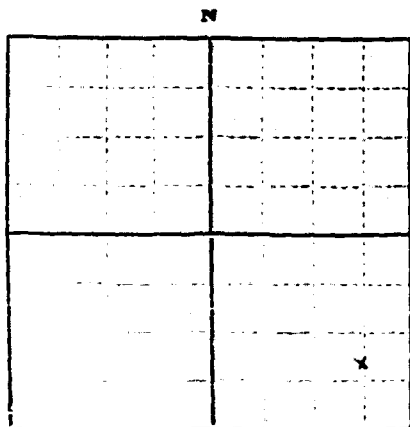
Owner THOS C. BLAIR Address EMALAKDriller STEVE J. LISS Address EMALAK

Date of Notice of Appropriation of Groundwater

Date well started Aug 10 67 Date Completed Aug 23-67Type of well drilled Equipment Used ROTARY
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 1/2"	4" BLACK PIPE 3 1/2 inch galvanized	surface	5 210	cut with CUTTING TOBACCO	185ft	225ft



SE 1/4 Sec. 2 T. 25 R. 56 E

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

Static Water Level for non-flowing Well 120 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 140 feet at 16 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested BAICR Length of Test 640 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)

Show exact depth of bottom

225ft Drilling 2.00ft
310ft 4 inch casing at 2
21ft 3 inch casing at 1.15
Total 450.15

450.00
420.00
34.25 by Bonnie E. Liss
Driller's License Number 60
Driller's Signature

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

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

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

42,628

19787

CARTER COUNTY
BEALAKA, MONTANA

Filed for Record

at 1.45

DEC 1 1967

DEC 1 1901
John M. Brewster
 County Clerk
 Deputy

Sub 2.00

108100

T. 2 S. R. 56 E.

County CARTER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 18 1961

WATER WELL LOG

STATE ENGINEER

Owner Bud Moullet Address Ekalaka, Montana

Driller Marle Bandy Address Belle Fourche, S. D.

Date Started 6-6-61 Date Completed 6-9-61

Location: Sec 2 T. 2 S. R. 56 E. $\frac{1}{4}$ sec SW

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 155 ft. Type Black Size 4 In I. D.

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

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

Perforated or Screened: Ft. 80 to ft. 150 Ft. _____ to ft. _____

Type of screen or perforations slots cut with torch

Static Water level, for non-flowing well: 90 Ft. of top feet.

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

Pumping water level 44 feet at 15 gal. per min.

How tested: pumped

Length of test 1 hour

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

(over)

Log of Well

[illegible]

108165

T. 2 S R. 56 E

County CartersMONTANA BUREAU OF MINES AND GEOLOGY
Butte, MontanaRECEIVED
JUN 19 1961

WATER WELL LOG

STATE ENGINEER

Owner Donald Schultz Address Malaka, MontanaDriller Marle R. Bandy Address Belle Fourche, S. D.Date Started 6/13/61 Date Completed 6/15/61Location: Sec. 7 T. 2 S R. 56 E $\frac{1}{4}$ sec. SEType 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 146 ft. Type Black Size 4 in.

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

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

Perforated or Screened: Ft. 100 to ft. 130 Ft. _____ to ft. _____Type of screen or perforations slots cut with torchStatic Water level, for non-flowing well: 47 ft. of top feet.

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

Pumping water level 90 feet at 15 gal. per min. oneHow tested: pumpedLength of test 1 hour

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

(over)

[illegible][illegible]

File No. 113057

DUPLICATE

Fee \$2.00

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 25 R. 56 E
County Carter

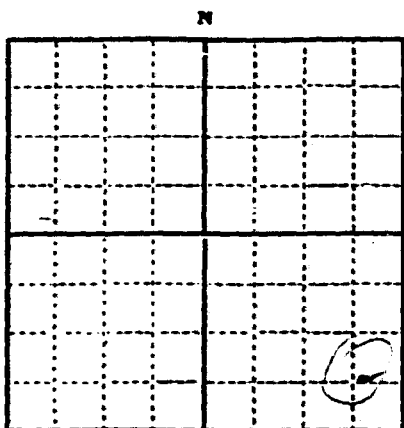
DEC 20 1963

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

We Kate & Annie Schuth, of Ekalaka
(Name of Appropriator) (Address) (Town)
County of Carter State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec 7 T 25 R 56 E

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

2. The beneficial use on which the claim is based One water well to water livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 25-1961. Used intermittently since that date.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 75 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 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 Pumped by windmill. Location described at left
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 13-1961 completed June 15-1961
8. The depth of water table 90 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-inch hole dug 146 ft deep
10. The estimated amount of groundwater withdrawn each year 60000
11. The log of formations encountered in the drilling of each well if available 3 ft. sand, 2 to 133 ft. blue sandy shale - then shale - gray shale - blue sand - blue sandy shale - gray sandy shale - blue + white sand. 133 to 145 ft. 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

Signature of Owner

Kate Schuth
Date Dec 16 - 1963

This comes 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.

Filed for Record
at 1:45 o'clock P M

DEC 16 1963

Jane M. Brewster

County Clerk

Cally M. Stutz
Deputy

File No. 117661

STATE WATER CONSERVATION BOARD

T 2-5 R 56-E

DUPLICATE

OCT 17 1966

County CARTER

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

2 SURFACE
36 TAN SAND STREAKS OF
TAN SANDY CLAY
47 TAN & LIGHT GRAY SHALE
55 GRAY SHALE
76 SILTY GRAY SHALE
85 BLUE SAND
103 GRAY SHALE

Notice of Completion of Groundwater Appropriation by Means of Well DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

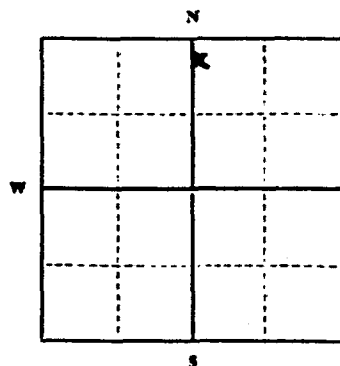
Owner Donald Schultz Address ERLAH, MONT.Driller Merle R. Bandy Address BELLE FAUCHE, SD

Date of Notice of appropriation of groundwater _____

Date well started 10-7-66 Date completed 10-10-66Type of well DRILLED Equipment used ROTARY
(Dug, Driven, bored or drilled) (Churn drill rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 7/8	4 in I.D. 11 lb.	0	104	SLOTS CUT WITH TORCH	69	90

Static Water Level for non-flowing well 49 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 90 feet
at 10 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested PUMPEDLength of Test 1 HOURRemarks: (Gravel packing, cementing, pack-
ers, type of shutoff) GRAVEL PACK

IND. NE Sec. 8 T.2S R.6E

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

(Continue on reverse side)

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

Show exact depth of bottom.

103

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

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

Driller's License Number 112Driller's Signature Merle R. Bandy

41,518

117661

CARTER COUNTY
Ekalaka, MONTANA

Filed for Record
at 3:00 P.M.

OCT 13 1966

John M. Bruster
County Clerk

Deputy

Fee \$2.00

File No. _____

T. 23 R. 56

DUPLICATE

County _____

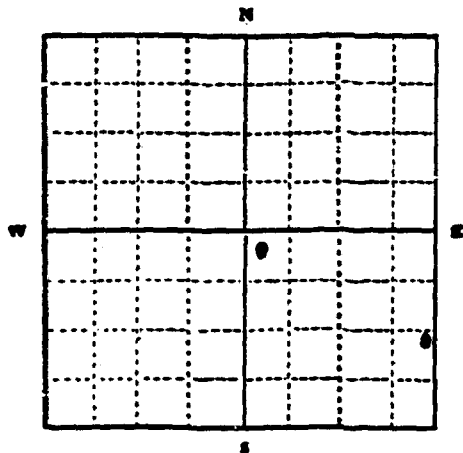
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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



SE 1/4 NW 1/4 Sec 9 T. 25 R. 56

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

2. The beneficial use on which the claim is based Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gpm
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal springs
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 5 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
10. The estimated amount of groundwater withdrawn each year 1,000,000
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 Ernest L. Lusk

Date 12-30-63

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.

25817

113375

Filed for Record
" 3:00 P.M.

Jan 11 1963
Jane M. Brewster
County Clerk

Deputy

Fee \$ 2.00

104652

RECEIVED
JUN 15 1959

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

	X	

Owner Coccor Estate Address Malaka, MontanaDriller Merle E. Bandy Address Belle Fourche, S. D.Date Started 6/9/59 Date Completed 6/12/59Location: Sec. 13 T. 2 S R. 56 E $\frac{1}{4}$ sec. NE SWType 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 213 $\frac{1}{2}$ ft. Type Black 11 lb Size 4 inch

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

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

Perforated or Screened: Ft. 130 to ft. 140 Ft. 180 to ft. 190Type of screen or perforations Cut with torchStatic Water level, for non-flowing well: 130 ft. from top _____ feet.

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

Pumping water level 258 feet at 6 gal. per min. oneHow tested: pumpedLength of test 1 hr.Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off,

(over)

Log of Well

[illegible]

File No. _____

STATE WATER CONSERVATION BOARD

R E C E I V E D
AUG 13 1965

T. 2-S R. 56-E 13

DUPLICATE

County CARTER

LOG

REVERED TO _____

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Holly Croy Address Ekalaka, Mont.Driller Merle R. Band Address Belle Fourche, S.D.

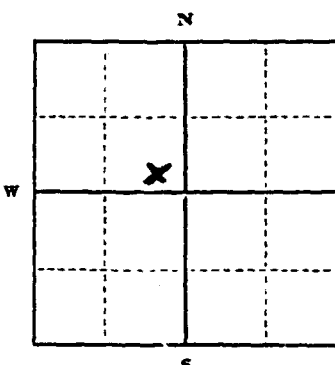
Date of Notice of appropriation of groundwater _____

Date well started 7-29-65 Date completed 8-2-65Type of well Drilled Equipment used Rotary
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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

Top of Ground
2 SURFACE
(Elev. above sea level _____)
25 TAN SAND
53 TAN + light GRAY shale
55 TAN SAND
57 TAN + GRAY shale streaks
74 OF BROWN shale
74 TAN SAND
101 GRAY + BLUE shale
104 BROWN shale
123 BLUE SAND with black specks
133 GRAY shale
144 BLUE SAND
161 GRAY shale
159 light BLUE SANDY shale
165 light BROWN shale
171 light GRAY + BLUE SANDY shale
173 BLUE SAND ROCK
186 BLUE GREEN shale
205 GRAY shale
258 light BLUE SAND STREAKS
267 OF BLUE GRAY shale
267 GRAY shale streaks of BLUE
270 GRAY SANDY shale with white sand
270 BLUE + white sand
270 GRAY shale
345 WHITE + BLUE SAND
391 SANDY GRAY shale
375 BLUE SAND ROCK
380 GRAY shale

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	7 in. I.D.	0	371 1/2	510 Ts	264	337
	11 lbs.			Cut With Torch	352	377

Static Water Level for non-flowing well 270 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 360 feet
at 9 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested pumpedLength of Test 1 hour

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

SE 1/4 NW 1/4 Sec. 17 T. 2-S R. 56-E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

380

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

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

Driller's License Number 112Driller's Signature Merle R. Band