W 3

Approved Stock Form—State Publishing Co., Helena, Montana—39318

File No.....

DUPLICATE

T. 1N R. 58E

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1960

Owner Glen Hall Address Ekalaka Mont.

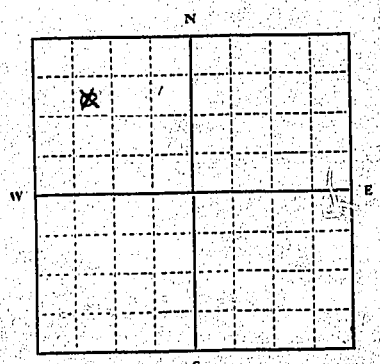
Contractor (if any) James Munro

Address of Contractor Ekalaka Mont

Date Started Oct 1963 Date Completed Oct 1963

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

Spring boxed and piped to stock tank



NW NW Sec. 3 T. 1N R. 58E

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

4 gal per minute.

Signature of Owner Glen Hall

Date 12-20-63

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.

12018

113164

Filed for Record

at 11:45 o'clock A M

DEC 20 1983

Jan M. Burton
County Clerk

Deputy

Fee 9.00

W 3

Approved Stock Form—State Publishing Co., Helena, Montana—39318

File No.....

T. 1N R. 58E

County Carbon

DUPLICATE

RECEIVED
DEC 26 1964
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1960

Owner Glen Hall Address Ekalaka Mont

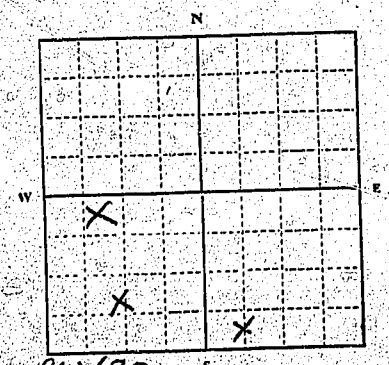
Contractor (if any) .....

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.

Undeveloped springs used for stock water



SW/SE
E1/2 of SW Sec. 4 T. 1N R. 58E

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.....

Signature of Owner Glen Hall

Date 12-20-63

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.

12017

113163

Filed for Record

at 11:45 o'clock A.M.

DEC 20 1983

Jane M. Lewis
County Clerk

Deputy

Fee $ 3.00

File No. 113459

T. 1 N R. 58 E

County Carter

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

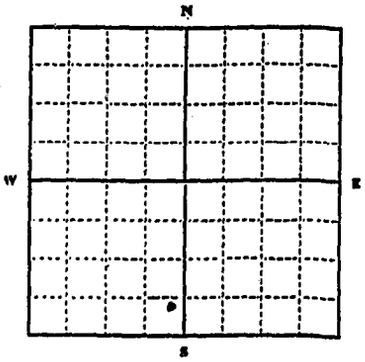
RECEIVED
JAN 7 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 287, Montana Session Laws, 1961)

I, Delmas Baird, of ERALAKA
(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:



N.W. 1/4 Sec. 5 T. 1 R. 58

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 6-1-63

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 gal per minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 6-1-63

8. The depth of water table 170

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" casing 180 ft

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

11. The log of formations encountered in the drilling of each well if available Shale 170 28 ft Sand

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 Delmas Baird

Date 12-31-63

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

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

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

25893

Filed for Record

at 2:30 o'clock P M

DEC 31 1963

Jane M. Brewster
County Clerk

Calla M. Stice
Deputy

Fee: $2.00

W 3

Approved Stock Form—State Publishing Co., Helena, Montana—39318

5

File No.....

T 1N R 58E

DUPLICATE

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1960

Owner Glen Hall Address Ekalaka Mont

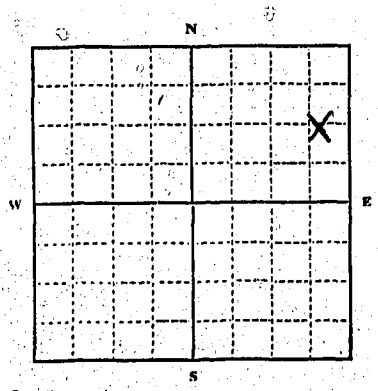
Contractor (if any) .....

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

Undeveloped springs used for stock water



NE ¼ NE Sec. 5 T 1N R 58E

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 .....

Signature of Owner Glen Hall

Date 12-20-63

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.

5

12016

11 3162

Filed for Record

at 11:45 o'clock A M

DEC 20 1963

Jane M Brewster
County Clerk

Deputy

Fee $ 3.00

5

RECEIVED
MAR 27 1959
STATE ENGINEER

104288

T. 1 North R. 58 East
County CARTER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

	x		

Owner Jess Parks Address Ekalaka, Montana

Driller Henry Briant Address Ekalaka, Montana

Date Started Dec., 1, 1958 Date Completed Dec., 6, 1958

Location: Sec. 5 T. 1 N. R. 58 E. ¼ sec. NENW

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

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

Industrial [ ] Drainage [ ] Other:

Casing: 0 ft. to 121 ft. Type Black Steel Size 4 In. I.D.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 90 to ft. 120 Ft. to ft.

Type of screen or perforations ¼ In Round holes on 4 sides

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

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

Pumping water level 44 feet at 12 gal. per min.

How tested: Bailer

Length of test 3 Hours

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	2	Top Soil
2	22	Gumbo
22	54	Gravel & sandy shale
54	57	Coal
57	96	Shale
96	105	Sandy Shale
105	120	Sand

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

File No. 113204

DUPLICATE

Fee: $2.00

T. 1N R. 58E

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

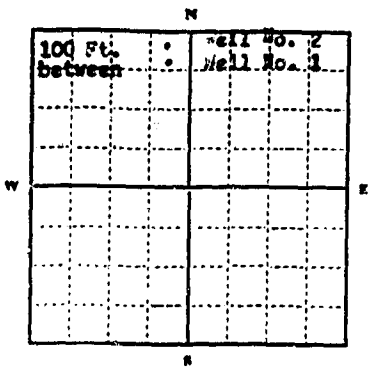
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Marie PaCza (Name of Appropriator), of Ekalaka (Address) Montana (Town)

County of Carter State of Montana

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



NENW ¼ Sec. 5 T.1N R.58E

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

2. The beneficial use on which the claim is based Domestic - Household and livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Well No. 1 1920, Well No. 2 12-6-58

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 gallons per minute on each well

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 Well No. 1 is 22 ft. deep and is withdrawn by a 1 inch cylinder operated by a pump jack. Well No. 2 is121 feet deep and has a submersible type pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well No. 1 is hand dug to 22 feet and was completed about 1910. Well No. 2 is a driven well 121 ft deep and is cased with black steel 4 inch pipe, and was completed December 6, 1958.

8. The depth of water table ~~////////~~ The water table of No. 1 is 20 feet. The water table of well No. 2 is about 100 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 Well No. 1 is hand dug and is 22 feet deep. Well No. 2 is a driven 4 inch cased with steel well 121 feet deep.

10. [illegible] amount of groundwater withdrawn each year ~~1000~~, 100,000 gallons from each well.

11. The log [illegible] entered in the drilling of each well if available Well No. 1 is top soil and gumbo. Well No. 2 is 0-2 top soil, 2 - 54 is gravel and sandy shale, 54 - 57 coal, 57 - 96 shale, 96 - 105 [illegible] 105 - 120 gravel.

12. Such other information of a similar nature as [illegible] carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner [signature]

Date December 20, 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.

13857

Filed for Record

at 8:30 o'clock A M

DEC 26 1963

Jane M. Brewster
County Clerk

Deputy

GT

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

File No. 112842

T 1N R 58 E

DUPLICATE

County Carter

Fee: $2.00

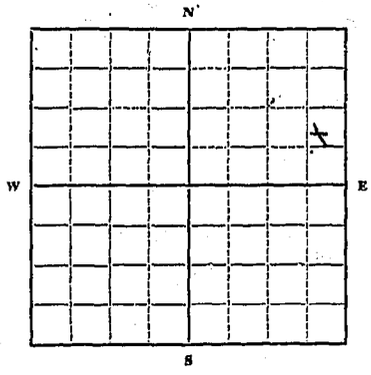
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 2 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



SE ¼ NE Sec. 6 T. 1N. R. 58

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 Household and Livestock water and garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 15 1961 Daily since that time

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1 acre SE ¼ NE ¼ S6 1N 58E Glenn Frye owner

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 12 to 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 in Drilled well 160 ft deep

10. The estimated amount of groundwater withdrawn each year 25000 gals

11. The log of formations encountered in the drilling of each well if available 3 ft topsoil 12 ft yellow clay 80 ft blue clay 65 ft water sand

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

Filed for Record
at 3:00 o'clock P.M
NOV 27 1963
Jane M. Brewster
County Clerk
Calla M. Stieg
Deputy

Signature of Owner Glenn E Frye

Date Nov 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.

7598

File No. 113180

DUPLICATE

T. 1N R. 58

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

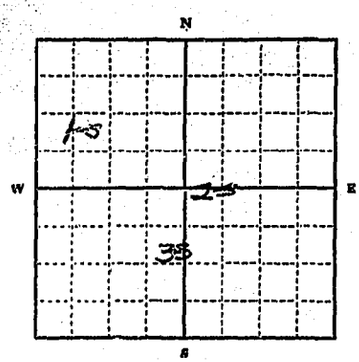
RECEIVED
DEC 26 1968
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

IVAN N JENNINGS 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:



.....¼..... Sec. 7 T. 58 R. 1W

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 1-Spring 1900
2-Spring 1936
3-Spring 1936

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

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

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

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 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
1 6"
2 6"
3 6"

10. The estimated amount of groundwater withdrawn each year 4 000 000

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 Ivan N Jennings

Date Dec 20.

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.

12033.

Filed for Record

at 4:00 o'clock P M

DEC 20 1963

Jane M. Brewster

County Clerk

Deputy

Fee: $2.00

File No.....

DUPLICATE

C

T. 1 N R. 58 E 8

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

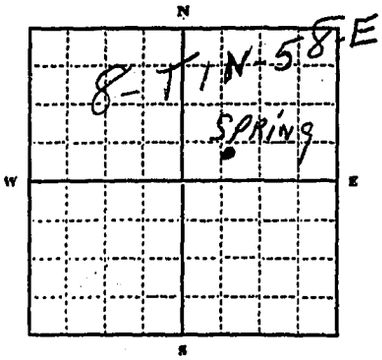
RECEIVED
JAN 7 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Alice M. Carlisle
Raymond W. Carlisle, 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:



S.W.¼ N.E. Sec. 8 T. 1 N R. 58

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 August - 1963

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

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

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

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

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 1,500000

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 Not A Well But Is A Developed Spring -

Signature of Owner Raymond Carlisle
Date Jan 30, 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.

25813

113371

Filed for Record
at 2:45 o'clock P M

DEC 20 1963

Jane M Burnette
County Clerk

Deputy

Fee $ 3.00

V 3

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

File No. H

T. 1N R. 58E

County Carter

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1960

Owner Glen Hall Address Ekalaka Mont

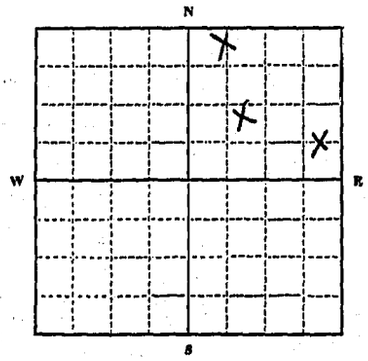
Contractor (if any)

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.

Underdeloped springs used for stock water



1/4 NE Sec. 9 T. 1N R. 58E

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.

Signature of Owner Glen Hall

Date 12-20-63

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.

12011

113157

Filed for Record

at 11:45 o'clock A M

DEC 20 1963

Jane M. Drinatis
County Clerk

Deputy

Fee $ 2.00

File No.

DUPLICATE

T. 1N R. 58-E 10

County Carter

RECEIVED
JAN 7 1964
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

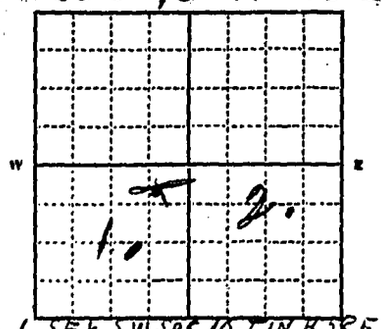
(Under Chapter 237, Montana Session Laws, 1961)

Raymond W. & Alice M. Carlisle, 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 10-1N-58-E



NO-1 SE¼ SW Sec 10-1N R58E
NO-2 NE¼ SE Sec 10 T. 1N R. 58-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 NO-2 House & Stock Water NO-1 Stock Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been NO-2 Before 1940 NO-1 July 1st 1959 year round

4. The amount of groundwater claimed (in miner's inches or gallons per minute) NO-1 10 gal per minute NO-2 Unknown

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 Electric pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater NO-1 July-1959 NO-2 Before 1940

8. The depth of water table NO-1 - 10 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater NO-1 - 75 ft 4" Casing NO-2 NO-2 - 80 ft of 6" Casing - 130 ft 4" Casing inside the 6" Casing

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

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 Raymond Carlisle

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.

25815

113373

Filed for Record
at 2:45 o'clock P M

DEC 20 1983

Jane M Bruster
County Clerk

Deputy

Fee $ 2.00

File No.....

DUPLICATE

T. 1 N R. 58-E

County Clerk

RECEIVED
JAN 7 1964
STATE ENGINEER

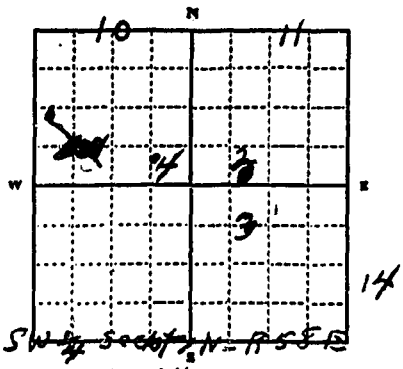
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Raymond W. & Alice M. Carlisle, of E Kalaka
(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:



~~SW¼ Sec 14 T 1 N R 58 E~~

NE NW 14 T 1 N R 58-E
¼ Sec. T. R.

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

SE-NW 10 T 1 N R 58-E
SE-SE 10 T 1 N R 58-E

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 Before 1920 Year Around

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 Running Springs

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

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 Running Springs

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

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 Raymond Carlisle

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.

25814

113372

Filed for Record
at 2:45 P.M.
DEC 30 1985
Jane M. Brewster
County Clerk
Deputy

Fee $200

Approved Stock Form—State Publishing Co., Helena, Montana—36637

File No.....

T. 1 N. R. 58 E.

DUPLICATE

County ~~Carter~~

RECEIVED DEC 13 1963 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Shady Spring
Filed at County Recorder's Office Nov. 13, 1963

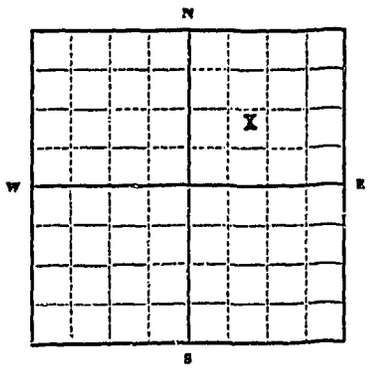
Amendment to

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

United States Government

1. Custer National Forest (Name of Appropriator), of (Address) Camp Crook (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 NE Sec. 13 T. 1N. R. 58E.

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 before 1930 and continuous thereafter

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
Collection system, pipe and stockwatering tank

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1938 or before, exact date not known

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 at the surface. It is collected, put into 1 1/4" pipe which feeds a 8' diameter stockwatering tank.

10. The estimated amount of groundwater withdrawn each year 450,000 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 Spring recorded as developed in 1938 in U. S. Forest Service records at Camp Crook, South Dakota

U.S. Forest Service
District Ranger

Signature of Owner Morton Lupola

Date 12-9-63

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.

8777

112965

Filed for Record

at 3:45 o'clock P M

DEC 9 1963

Jack M Brewster
County Clerk

Deputy

Lee H Brad

RECEIVED
DEC 9 1963
JACK M BREWSTER

Approved Stock Form—State Publishing Co., Helena, Montana—38687

File No.....

T. 1 N. R. 58 E.

DUPLICATE

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 7 1962
STATE ENGINEER

Oliver Spring

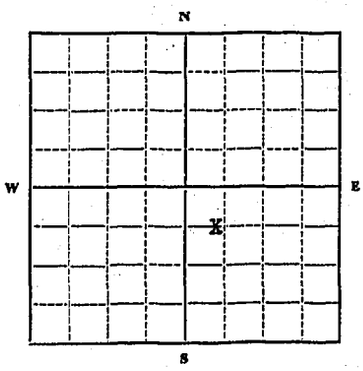
Declaration of Vested Groundwater Rights

(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:



NW 1/4SE Sec 13 T. 1N. R. 58E.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1938 or before and continuous thereafter

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 Collection system, pipe and stock watering tank.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1938 or before, exact date not known

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 at the surface. It is collected and put into a 1 1/4" pipe which feeds an 8' diameter stock watering tank.

10. The estimated amount of groundwater withdrawn each year 450,000

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 Spring recorded as developed in 1938 in U. S. Forest Service records at Camp Crook, South Dakota

Signature of Owner U. S. Forest Service
[illegible]
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.

2255

110942

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

NOV 1 1962

Ray Nickerson
County Clerk

Jane M Brewster
Deputy

Fee $2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—45642

File No. 123543

T. 1 N R. 58 E

DUPLICATE

County Carter

MONTANA WATER RESOURCES BOARD
RECEIVED
OCT 9 1969

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

LOG

Top of Ground

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

0-25 ft. surface
25'-35 ft. coal
35'-39 ft. gravel
39'-79 ft. shale
79'-99 ft. rock
99'-119 ft. water sand.

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner. Murray Emerson Address. Ekalaka Mont

Driller. Steve J. Liss Address. Ekalaka Mont.

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

Date well started. Sept 23-1969 Date completed. Oct 6th 1969

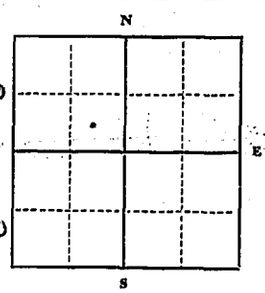
Type of well. Drilled (Dug, driven, bored or drilled) Equipment used. Rotary (Churn drill, rotary or other)

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
	6 inch	Surface	42			
6 inch	4 inch 11 lb per ft.	Surface	119	cut with cutting torch	79	119

cost of Drilling
119 ft 2 drilling at $2. per ft. $238.00
119 ft ft 4 inch Casing at $2 per ft. $238.00
42 ft 6 inch Casing at 1. per ft. $42.00
Gravel and hauling 25.00
Total Cost 543.00



Static Water Level for non-flowing well 75 feet.

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

Pumping Water Level 95 feet at 5 gal. per minute.

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

How Tested. Bale R

Length of Test. 6 hours

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

SE 1/4 NW Sec. 14 T. 1 N R. 58 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.

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. Issue copy to be retained by driller.

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

60
Driller's License Number

Steve J. Liss
Driller's Signature.

By Bonnie E. Liss
45123

123543

CARTER COUNTY
EKALAKA, MONTANA
Filed for Record
at 2:00 P.M.
OCT 8 1969
Jane M. Brewster
County Clerk
Deputy
fee $2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—39085

14

File No.

T. 1N R. 58E

DUPLICATE

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 7 1963
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.....)

surface to 30 ft. quick sand and gravel
30 - 70 shale
70 - 80 coal
80 - 120 shale
120 - 170 sand rock
170 - 180 coal
180 - 190 shale
190 - 270 sand rock
270 - 275 gravel
275 - 330 sand rock
330 - 340 quick sand
340 - 350 shale
350 - 440 very hard rock
440 - 450 water sand
450 - 465 rock + shale ledges

Owner George Kittle Address Ekalaka Mont

Driller Steve J. Liss Address Ekalaka Mont

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

Date well started Nov 9 1962 Date Completed May 20 1963

Type of well Drilled (dug, driven, bored or drilled) Equipment Used Rotary (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)
330 of 6 1/1	2 in. galvanized pipe	surface	465	Cut with cutting torch	405	465
330 - 465 3 7/8						

N
W E
S

NE 1/4 NW Sec. 14 T. 1N R. 58E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well 330 feet.

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

Pumping Water Level 357 feet at 5 gal. per minute.

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

How Tested Bailer Length of Test 15 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation).....

Show exact depth of bottom.

465 ft. of Drilling at 2 per ft. 930.00
465 ft. 2 in. Casing at 1 per ft. 465.00
1395.00

60
Driller's License Number

Steve J. Liss
by Cornelius E. Liss
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.

4590

Filed for Record
at ..... o'clock ..... M
JUN 5 1963
County Clerk
Deputy

Filed for Record
at 4:00 o'clock PM
JUN 5 1963
Jean M. Bissmeier
County Clerk
Deputy

$2.00 Pd.

111 986

File No. GW2

DUPLICATE

MONTANA WATER RESOURCES BOARD RECEIVED DEC 11 1967

MONTANA WATER RESOURCES BOARD RECEIVED DEC 1 1967

T 1N R 58E 15

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level)

surface to 8 ft well
well reamed out.
80 ft to 90 undeveloped
shale
90 ft. to 110 ft green
shale 110 ft to
112 ft. gravel
112 ft. to 130 ft
water sand.

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Glen Hall Address Ekalaka Mont.

Driller Steve J. Lisa Address Ekalaka Mont.

Date of Notice of Appropriation of Groundwater

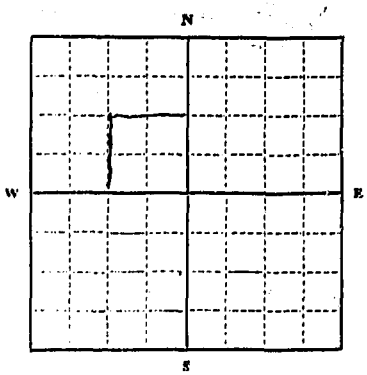
Date well started Oct 11th 67 Date Completed Nov. 9th 67

Type of well Drilled (dug, driven, bored or drilled) Equipment Used Rotary (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)
surface to 63 ft 7 inch	6 inch 19 lb.	surface	63 ft.	cut with cutting torch	80 ft	127 ft.
63 ft to 130 ft. 6 inch	4 inches 11 lb.	surface	127 ft.			



SE ¼ NW Sec. 15 T 1N R 58E

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

Show exact depth of bottom.

Static Water Level for non-flowing Well 50 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 84 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer Length of Test 5 hours

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

60

Driller's License Number

Steve J. Lisa
By Connie E. Lisa
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.

119891

CARTER COUNTY
EKALAKA, MONTANA
Filed for Record
at 2:10 P.M.
DEC 11 1967
County Clerk
Deputy

fee 2.00

Carter County

15

R E L E A S E

I, Glen Hall, of Ekalaka, Montana, do hereby release and abandon any and all rights that I may now have in respect to the hereinafter Notice of Groundwater Appropriation, said appropriations being described as follows:

A Notice of Appropriation on Montana Bureau of Mines and Geology form filed January 23, 1961, in the Office of the Carter County Clerk and Recorder, # 107523 describing therein SW¼NW¼ Section 15, Township 2 North, Range 58 East.

A Notice of Appropriation on Montana Bureau of Mines and Geology form filed January 23, 1961, in the Office of the Carter County Clerk and Recorder, # 107522 describing therein SW¼NE¼ Section 15, Township 2 North, Range 58 East.

The above Notice of Appropriations were filed on lands that I did not then and do not now own and this Release is made for the purpose of clarifying the records in the Office of the Carter County Clerk and Recorder.

/s/ Glen Hall

STATE OF MONTANA)
: ss.
COUNTY OF CARTER)

On this 20th day of December, in the year nineteen hundred and sixty-five before me William A. McCormick, a Notary Public for the State of Montana, personally appeared Glen Hall known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Notorail Seal the day and year first above written.

/s/ William A. McCormick
Notary Public for the State of Montana
Residing at Ekalaka, Montana
My commission expires January 2, 1967

(Notary Seal)

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

40100

STATE WATER CONSERVATION BOARD

DEC 22 1965

DUPLICATE

Bills
But'n
Co/k
Davenport
Dickert
McDermott
McNulty
Morton

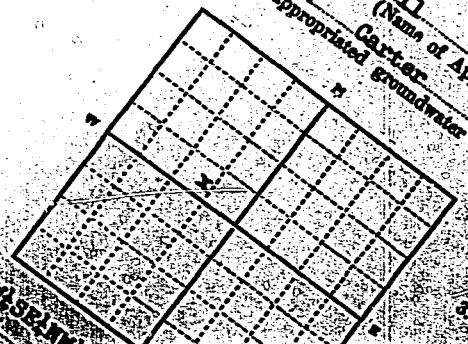
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 231, Montana Session Laws, 1961)

1. Glen Hall, of Ekalaka
(Name of Appropriator) (Address)

County of Carter, State of
have appropriated groundwater according to the Montana laws in effect



T. 1N R. 58 East
County Carter

SW¼SE¼ Section 12

2. The beneficial

3. Date

116571

CARTER COUNTY
EKALAKA, MONTANA
Filed for Record
at 3:00 P.M.
DEC 21 1965
County Clerk
Deputy

STATE WATER CONSERVATION BOARD

DEC 22 1965

Bille ____ McDermott ____
DUPLICATE McNulty ____
Co. Morton ____
Derlinton ____
Dickert ____

T. 1N R. 58 East

County Carter

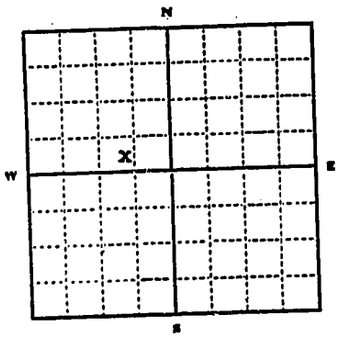
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Glen Hall (Name of Appropriator), of Ekalaka, Montana (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:



SW¼SE¼NW¼ of ¼ Sec 15 T. 1N. R58E

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 general ranch purpose

3. Date or approximate date of earliest beneficial use; and how continuous the use has been January 10, 1961, continuous from now on

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 stock water

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 January 10, 1961

8. The depth of water table 64 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 134 ft. deep--first 47 ft. black 4 in. casing--47 to 134 galvanized 2 inch casing--109 to 134 perforated or screened made by cutting torch

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available surface-8 ft. sand 8-14 ft. gravel, 14-30 ft. shale, 30-35 ft. coal, 35-57 ft. shale, 57-90 ft. sand, 90-100 ft. water sand, 100-120 ft. hard rock, 120-134 water sand

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 tested by bailer for 6 hours pumping level 84 ft. at 10 gal. per minute--well drilled by rotary drill.

Signature of Owner /s/Glen Hall

Date December 17, 1965

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.

40100

116569

CARTER COUNTY
ERALAKA MONTANA
Filed for Record
at 5:00 P.M.
DEC 17 1985
Jane M. Brunatti
County Clerk
Deputy

Fee # 200

Approved Stock Form—State Publishing Co., Helena, Montana—39318

File No.....

DUPLICATE

T 1N R 58E

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1940

Owner Glen Hall Address Ekalaka Mont

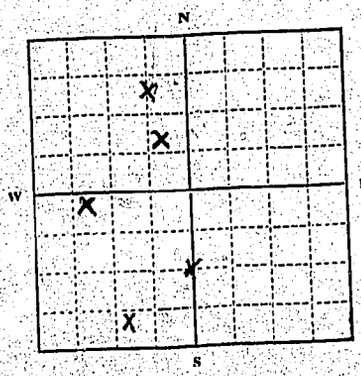
Contractor (if any) .....

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

Springs not developed
Used for stock water



¼ Sec 1N 58E

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

Signature of Owner Glen Hall

Date 12-20-63

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.

12015

113161

Filed for Record
at 1:45 o'clock AM
Dec 20 1983
Janice M. Brewster
County Clerk
Deputy

Fee $2.00

15

STATE WATER CONSERVATION BOARD

File No. .....

DEC 22 1965

T 1N R 58 East

County Carter

Bille ____ McDermott ____
Cotter ____ McNulty ____
Coyle ____ McNulty ____
Darlinton ____ Sullivan ____
Dickert ____ ____

DUPLICATE

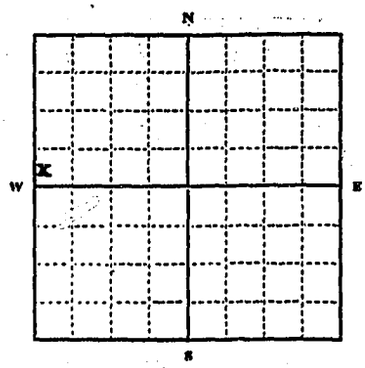
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Glen Hall, of Ekalaka, Montana
(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:



SW¼SW¼NW¼ of ¼ Sec. 15 T1N R 58E

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 watering general ranch use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been December 16, 1960

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 stock water

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 December 10, 1960 to December 16, 1960

8. The depth of water table 53 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 surface to 21 feet 6 inch black casing 21 to 38 feet 4 inch black casing, 38 to 65 feet 2 inch galvanized casing

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available surface to 8 feet sand, 8 to 21 feet gravel, 21 to 36 feet quick sand, 36 to 48 feet sand rock, 48 to 65 water sand;

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 pumping water level 42 feet baled at 10 gal. per minute for 6 hours

Signature of Owner /s/ Glen Hall

Date December 17, 1965

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.

40099

116570

CARTER COUNTY
EKALAKA, MONTANA
Filed for Record
at 5:00 P.M.
DEC 17 1965
Jane M. Lemmer
County Clerk
Deputy

Fee $ 2.00

File No. E13181

DUPLICATE

T. 1 N R. 58 E

County Carter

18

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

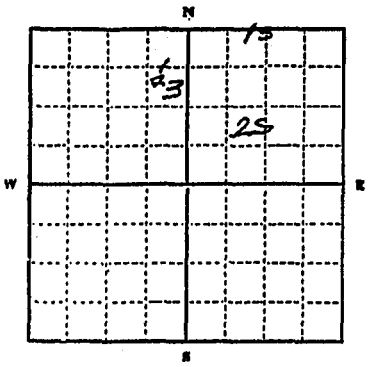
RECEIVED
DEC 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

IVAN N JENNINGS, of EKALAKA 1
(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:



.....¼..... Sec. 18 T. 1 N R. 58

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 1 1912 1 Spring
2 1912 2 Spring
3 1960

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
1 Windmill
2 Elec P
3 Elec P

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 (1) - 20' (2) 20 (3) 80' 15 25 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
1 30'
2 30'
3 160'

10. The estimated amount of groundwater withdrawn each year 5 million 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 Ivan N Jennings

Date Dec 20 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.

12034

Filed for Record

At 4:00 o'clock P M

DEC 20 1983

Jane M. Brewster
County Clerk

Callie M. Stiles
Deputy

Fee: $2.00

18

GW 2

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

File No.

DUPLICATE

MONTANA WATER RESOURCES BOAR
RECEIVED
MAY 13 1968

T. 1-N R. 58-E

County CARTER

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner IVAN N. JENNINGS Address EKALAKA, MONT.

Driller MERLE R. BANDY Address BELLE FOURCHE, S.D.

Date of Notice of appropriation of groundwater

Date well started 4-22-68 Date completed 5-4-68

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.

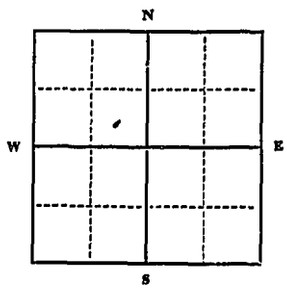
Top of Ground

(Elev. above sea level)

5	SURFACE
16	TAN & GRAY shale
21	COAL
44	GRAY & light BROWN shale
45	TAN SAND ROCK
103	GRAY SHALE
107	light GREEN & BROWN shale STREAKS of COAL
128	BLUE SAND
152	GRAY & light BROWN shale STREAKS OF COAL
157	COAL
182	GREEN SHALE
186	GRAY SHALE
187	BROWN SAND ROCK
212	BLUE GRAY SANDY SHALE
215	GREEN & GRAY SHALE
239	BLUE SANDY SHALE
254	BLUE SAND
290	GRAY & BLUE SHALE
367	BLUE SAND
380	GRAY SHALE

Show exact depth of bottom. 380

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.	0	310	SLOTS	271	310
4 3/8				CUT		
3 7/8	10, 89			WITH		
				TORCH		



SE 1/4 NW Sec 19 T 1-N R 58-E

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

Static Water Level for non-flowing well 250 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 310 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested PUMPED

Length of Test 1 HOUR

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

(Continue on reverse side)

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

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.

112
Driller's License Number

Merle R. Bandy
Driller's Signature.

44,126

121365

CARTER COUNTY
EKALAKA, MONTANA
Filed for Record
at 10:50 AM
MAY 10 1968
Jane M. Brunatti
County Clerk
Deputy

18

103650

T. 1, North R. 58 East

County CARTER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
NOV 28 1958
STATE ENGINEER

WATER WELL LOG

Owner Louis Sterns Address Ekalaka, Montana

Driller Steve Liss Address Ekalaka, Montana

Date Started September 20, 1958 Date Completed November 1, 1958

Location: Sec. 18 T. 1, North R. 58 E ¼ sec. SE¼

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: Surface ft. to 275 ft. Type Black pipe Size 4"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. 235 to ft. 275 Ft. to ft.

Type of screen or perforations cutting torch

Static Water level, for non-flowing well: 225 feet.

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

Pumping water level 225 feet at 15 gal. per min.

How tested: bailer

Length of test Six hours

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	
Surface	20	Sand
20	40	Green shale
40	50	Sand
50	125	Shale
125	185	Sand rock
185	235	Shale
235	275	Water sand

G

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

File No.

T 1N R 58E

DUPLICATE

County Custer

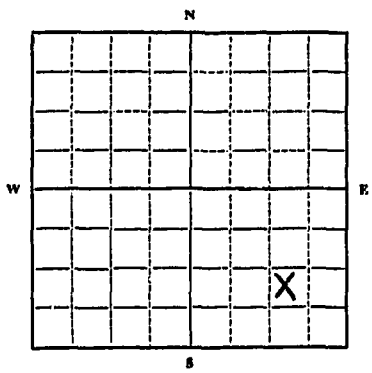
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Glen Hall, of Ekalaka
(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:



SE¼SE Sec 22 T 1N R 58E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1939

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: Windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1939

8. The depth of water table: 80 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Deep 180 Casing 6" Dia.

10. The estimated amount of groundwater withdrawn each year: 1000 gal Per Day

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: Glen Hall

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.

12012

113158

Filed for Record
at 11:45 o'clock A M

DEC 20 1963

Jane M. Bennett
County Clerk

Deputy

Fee $ 2.00

GV

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

File No. 5

T. 1N R. 58 22

DUPLICATE

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 9 1963 STATE ENGINEER

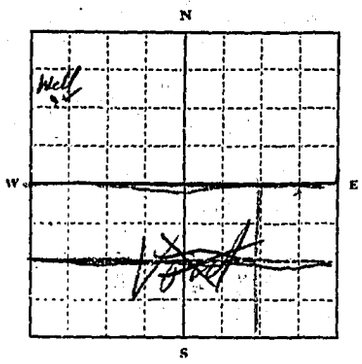
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John Schweigert, 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:



SW. 1/4 NW Sec. 22 T. 1N R. 58

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

2. The beneficial use on which the claim is based For Household and Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Possible 1915 and Continuous since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 35 gl 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 well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Possible 1915 Possible 1915

8. The depth of water table 92 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 6 inch ft Casing 97 ft Depth

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

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

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

Signature of Owner John Schweigert

Date 12-6

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.

8011

112918

Filed for Record
at 2:20 o'clock P M

DEC 6 1983

Jane M Brewster
County Clerk

Deputy

Fee $ 2.00

Approved Stock Form—State Publishing Co., Helena, Montana—38687

24

File No.....

T. 1 N. R. 58 E.

DUPLICATE

County. Harding

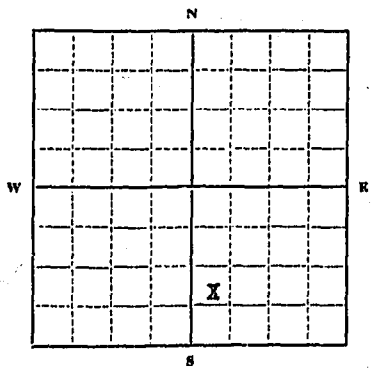
RECEIVED
NOV 7 1962
STATE ENGINEER
Ben Russell Spring

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 (Name of Appropriator), of (Address) Camp Crook (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 ¼SE Sec. 24 T. 1N. R. 58E.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Before 1938 and continuous thereafter

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 Collection system, pipe and stock watering tank.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1938 or before, exact date not known

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 at the surface. It is collected and put into a 1 1/4" pipe which feeds an 8' diameter stock watering tank.

10. The estimated amount of groundwater withdrawn each year 450,000

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 Spring recorded as developed in 1938 in U. S. Forest Service records at Camp Crook, South Dakota.

U. S. Forest Service
Signature of Owner Wilson A. Gale
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.

2353

110940

Filed for Record

at 4:00 o'clock P M.

NOV 1 1962

Ray Nickerson
County Clerk

Jane M Brewster
Deputy

Fee $2.00

GV

Approved Stock Form—State Publishing Co., Helena, Montana—38687

File No.

T. 1 N. R. 58 E.

DUPLICATE

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

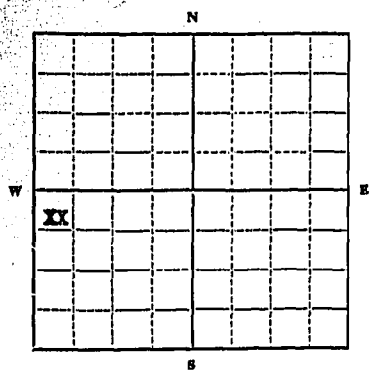
RECEIVED
NOV 7, 1962
STATE ENGINEER

Flasteed 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:



NW ¼ SW Sec. 24 T. 1N. R. 58E.

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 11-5-38

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 Water collected at source and piped into a stockwatering tank.

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

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 at the surface. It is collected and runs through a 1 1/4" pipe into a 8' stockwatering tank.

10. The estimated amount of groundwater withdrawn each year 60,000

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 on map as existing in 1936 on file in U. S. Forest Service office at Camp Crook, South Dakota.

Signature of Owner U. S. Forest Service
Signature: Morton Supula
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.

2360.

110947

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

NOV 1 1962

Ray Nickerson
County Clerk

Jane M Brewster
Deputy

Fee $2.00

Approved Stock Form—State Publishing Co., Helena, Montana—38687

File No.....

T. 1 N. R. 58 E.

DUPLICATE

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED NOV 7 1962 STATE ENGINEER

Russell Spring

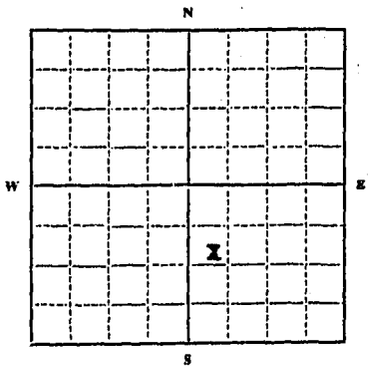
Declaration of Vested Groundwater Rights

(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:



NW ¼ SE Sec. 27 T. 1N. R. 58E.

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 Before 1938 and continuous thereafter

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
Collection system, pipe and stock watering tank.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1938 or before, exact date not known

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 at the surface. It is collected and put into a 1 1/4" pipe which feeds an 8' diameter stock watering tank.

10. The estimated amount of groundwater withdrawn each year 450,000

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 Spring recorded as developed in 1938 in U. S. Forest Service records at Camp Crook, South Dakota

Signature of Owner U. S. Forest Service
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.

2280

110967

Filed for Record
at 4:00 o'clock P M.
NOV 1 1962
Ray Nickerson
County Clerk
Jane M Brewster
Deputy
Fee $2.00

Approved Stock Form—State Publishing Co., Helena, Montana—38687

File No.

T. 1 N. R. 58 E.

DUPLICATE

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED NOV 7 1962 STATE ENGINEER

Addie Well

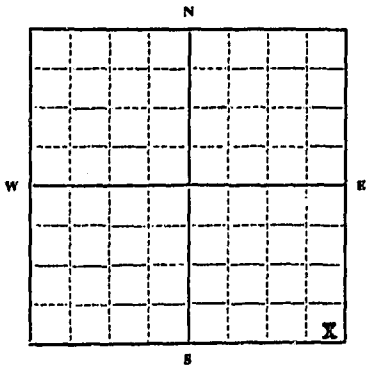
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. United States Government Custer National Forest (Name of Appropriator) of Camp Crook (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:



SE ¼ SE Sec. 30 T. 1N. R. 58E.

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: 7-10-61 and continuous there after

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 30 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: electric motor and pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 7-10-61 commencement 7-17-61 completed

8. The depth of water table: 30 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 70 feet deep - well cased with 70' of 4" black pipe

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

11. The log of formations encountered in the drilling of each well if available: 0-10' sandy top soil; 10-50' soft shale; 50-55' course water sand; 55-70' soft 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: cooperative agreement for construction and maintenance of well between Park permittees and Forest Service on file in Forest Service office at Camp Crook, South Dakota.

U. S. Forest Service

Signature of Owner: [signature] 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.

2433

111020

Filed for Record

at 4:00 o'clock P M.

NOV 1 1962

Ray Nickerson
County Clerk

Jane M Brewster
Deputy.

Fee $ 2.00

30

Form No. 18
1-60

108249

T. 1 North R. 58 East

County CARTER

RECEIVED
AUG 1 1961
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner U.S.D.A. FOREST SERVICE Address Camp Crook, S. D.

Driller Dolmas Baird Address Ekalaka, Montana

Date Started July 10, 1961 Date Completed July 10, 1961

Location: Sec. 30 T. 1 N. R. 58 E. ¼ sec. SESE

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other

Casing: 0 ft. to 70 ft. Type Black pipe Size 4½ OD

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 3/8 holes

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

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

Pumping water level 30 feet at 25 gal. per min.

How tested: Bailing

Length of test 30 Minutes

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

(over)