

117687

COUNTY
MORNING
FILED RECORD
at 11:00 A.M.
OCT 21 1966
Jane M. Brewster
Clerk
Cally M. Stiles
Fee: \$2.00

File No.

T. 34. R. 59E

DUPLICATE

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

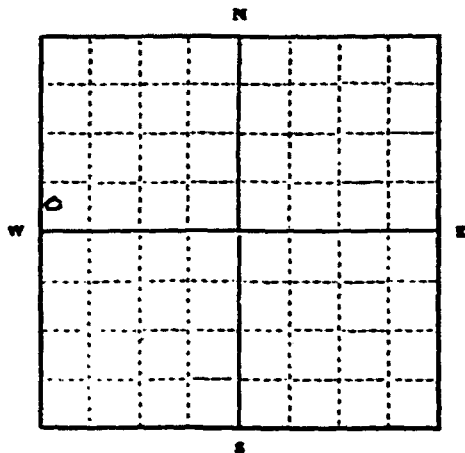
JAN 1 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Alice Harrington, of Kalake, (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. 1/4 NW Sec. 33 T. 34 N. R. 59 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 Spring stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1961 Used spring summer and fall.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gal pm

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 for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Natural flow, boxed and piped to steel tank

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater natural for ~~beginning of time~~ to Nov. 10, 1961 and boxed in the spring and put a tank near to hold excess water.

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 natural spring, cleaned out and boxed in in 1961

10. The estimated amount of groundwater withdrawn each year 1,500,000

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 County AGC Office

Signature of Owner [Signature]

Date Dec. 23, 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.

25852

113417

FILED
" 10 00

Wm Brewster
Deputy

7 1/2 \$ 2.00

File No.

T. 3N R. 59E

DUPLICATE

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 7 1964

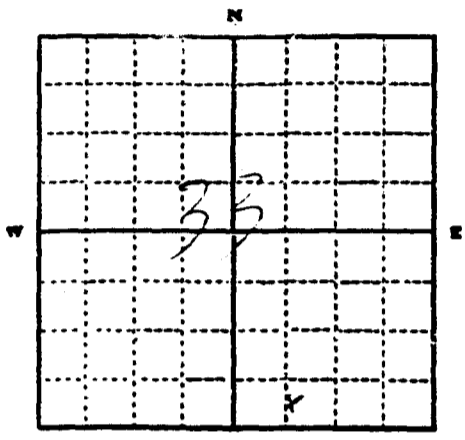
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

William E. Ferguson, of Willard Mont
(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:



Lot 7
1/4 Sec. 33 T. 3N R. 59E

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 spring for line track
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been several hundred years
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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 app.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal spring

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater not app.
- 8. The depth of water table not app.
- 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 not app.
- 10. The estimated amount of groundwater withdrawn each year not app.
- 11. The log of formations encountered in the drilling of each well if available not app.
- 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 app.

Signature of Owner William E. Ferguson
Date Dec 31 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.

25833

113391

Filed for Record
4:15 P.M.

DEC 09 1963

James M. Brewster
County Clerk

Deputy

Frank A. Co

File No. _____

T. 2 N R. 55 E

DUPLICATE

County Custer

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

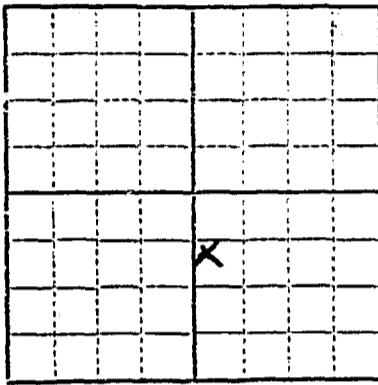
RECEIVED
DEC 18 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. MALLETT CATTLE CO. of MILES CITY
(Name of Appropriator) (Address) (Town)
County of CUSTER State of MDNT
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W. 1/4 Sec. 15 T. 2 R. 55

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. S. Truck water

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

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. flow

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. 380 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. Continuous flow

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

DIVERTING WORKS
IN CARTER CO.

FILED IN CUSTER
CO.

nature as may be useful in carrying out the policy of this act, including county record.

Signature of Owner Mallett Cattle Co. by Ed Mallett

Date Dec 16 1963

with the County Clerk and Recorder of the county in which the well is

located, so state, otherwise the form will be returned.

One copy to be retained by the State Engineer; duplicate to the State Engineer; Triuplicate to the Montana Bureau of Geology and Mineral Industries for the Appropriator.

9776

FILE

At 9:52 O'clock A.M.

Dec. 16 1863

H. E. Anderson

County Clerk and Ex-Officio Recorder

Custodian County Mortar

4

1863

File No. _____

T 2 N R 55 E
County ~~Custer~~

DUPLICATE

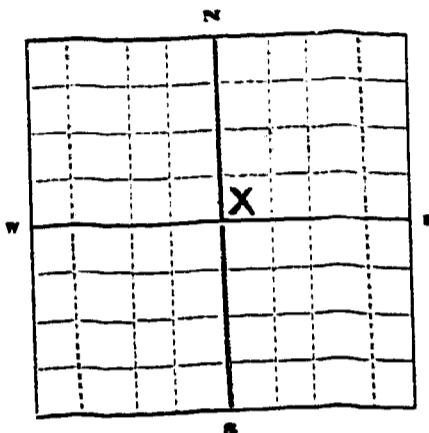
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

CARTER
RECEIVED
DEC 18 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

MALLETT CATTLE CO. of MILES CITY (Town)
(Name of Appropriator) (Address)
County of CUSTER CARTER State of MONT
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NE Sec. 30 T2N R55E

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... 1940
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 3 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... wind mill

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... 1940
- 8. The depth of water table... 450
- 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... 120 ft 2 in casing with built in cylinder water raises to 40 ft of ground
- 10. The estimated amount of groundwater withdrawn each year... continuous pump
- 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

Mallett Cattle Co
Signature of Owner by [Signature]
Date Dec 16 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.

FILE

At 9:54 O'Clock A.
Dec 16 1863

H. E. Anderson
County Clerk and Ex-Officio Recorder
Custer County, Montana

By _____

Form No. 18
8-60

108718

T. 2 N R. 55 E

County Carter

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

Water Well Log

STATE ENGINEER

Owner Fern Techo Address Helena, Mont.

Driller Edgar H. Bird Address Helena, Mont.

Date Started 10/21/61 Date Completed 11/15/61

Location: Sec. 34 T. 2 N R. 55 E $\frac{1}{4}$ sec. SWSE

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 135 ft. Type Steel Size 4 1/2"

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

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

Perforated or screened: Ft. 135 to ft. 60 . Ft. _____ to ft. _____

Type of screen or perforations Wires

Static water level, for non-flowing well: 60 feet.

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

Pumping water level 50 feet at 6 gal. per min.

How tested: Bailed

Length of test 30 minutes

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

(over)

RECEIVED

105600

T. 55 N. R. 55 W. S. 1st
County Carter

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

	X		

Owner: James Prieto Address: Butte, Montana
 Driller: Steve J. Lass Address: Butte, Montana
 Date Started: Nov. 1, 1959 Date Completed: Nov. 20, 1959
 Location: Sec. 35 T. 55 N. R. 55 W. 1/4 sec. 7

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 154 ft. Type: Galvanized pipe Size: 4 Inch

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

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

Perforated or Screened: Ft. 124 to ft. 154 Ft. _____ to ft. _____

Type of screen or perforations: perforated galvanized pipe

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

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

Pumping water level: 100 feet at 6 gal. per min.

How tested: Palmer

Length of test: 2 hours

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

(over)

File No. _____

T 2N R 56E.

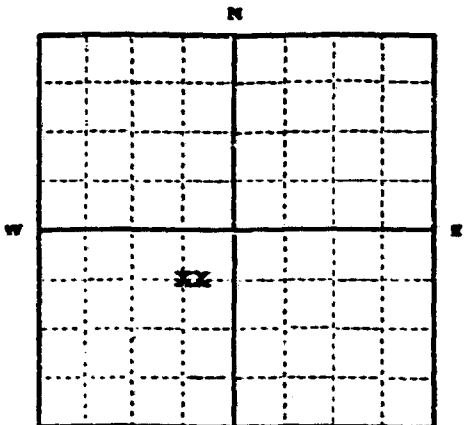
DUPLICATE

County Carter
RECEIVED
JAN 7 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Oscar Quam, 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. 4 T. 2N R. 56E.

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

- The beneficial use on which the claim is based watering livestock.
- Date or approximate date of earliest beneficial use; and how continuous the use has been August 1961
- The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gallons per minute.
- 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.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal well and pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. August 1961.

8. The depth of water table 220 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. 570 feet, 4 inch casing, 10 feet galvanized 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. not available. Filed at

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.

Oscar Quam

Signature of Owner Oscar Quam
Date December 30, 1963.

Two 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.

25825

113383

Filed for Record
" 3:40 P.

James M. Brewster
Deputy

Feb 20 2005

21-51-33
T. A. F. S. E.

Dec 30-63

State of Montana
Office of State Engineer

RE Carter Co
JAN 7 1964

#113376

Declaration of vested ground water STATE ENGINEER
under Chap 237 Montana Session Laws 1961

Jay Lake of Chelaha, Montana

County of Carter State of Montana
in and to the effect of the act of the Montana Legislature passed July 1, 1962

	SE SE sect 31 3-N SLE	SE SE sect 5 2-N SLE	E 1/2 sect 4 IN SLE	No 11 SE SE sect 1 IN SLE	No 12 N 1/2 N 1/2 IN SSE
Wells	No 1	No 2	No 3	No 4	No 5
Basin of use	stock	stock	stock	stock	stock
date of use	Sept	Sept	Sept	Oct	Oct
gal per min	5	5	5	5	5
Completion	Before 1961	Before 1961	Before 1961	Before 1961	Before 1961
drilled and dug	drilled	drilled	drilled	drilled	drilled
size depth	2 1/2 in	5 5 ft	36 5 ft	19 ft	14 5 ft
annual amount with discharge	1,296,000 gal	600,000 gal	300,000	300,000	300,000
log	yes	yes	yes	yes	yes

Jay Lake
Dec 30 63

State of Montana
County of Carter

Jay Lake having sworn and being duly qualified in the
application of water right mentioned in foregoing declaration of
vested ground water sites with the person whose name is set
herein and knows the contents of notice & that the matters therein
stated are true.

Subscribed & sworn to Jay Lake
Dec 30 63

Jay Lake
J. M. Frazier
2818

File No.

T. 2N R. 56E

DUPLICATE

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)

Owner C. E. Tooke Address Ekalaka, Mont.

Driller D. H. Baird Address Ekalaka, Mont.

Date of Notice of Appropriation of Groundwater

Date well started July 16, 1962 Date Completed 7-20-62

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

Shale

120 - 148

Sand

148 - 152

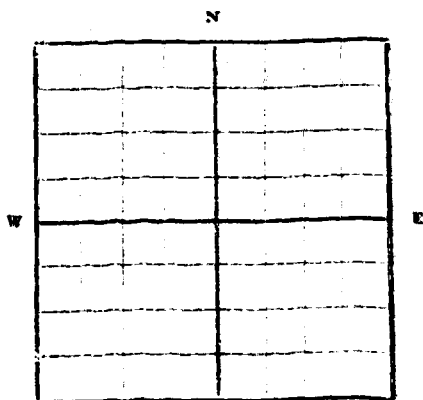
Rock

152 - 175

Shale

175 Sand - 185
185 Shale - 193
193

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5"	4 1/2" 11 1/2"	0	193	1/2" holes	150'	193'



11W NW 6 2N 56E
Sec. T. R.

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 158' feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 158' feet at 6 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer Length of Test 3 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)

Well was tested at 150' and
no water

72
Driller's License Number

D. H. Baird
Driller's Signature

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

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

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

110492

Filed for Record

3:15 o'clock P.M.

JUL 25 1952

B. A. Johnson
County Clerk

\$ 2.00 Deposit

File No. _____

T. 2-N R 56-E

DUPLICATE

County CARTER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
MAR 7 1962

Notice of Completion of Groundwater
Appropriation by Means of Well ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Owner M. A. MARKUSON Address E. Kalaka, MONT.

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

Date of Notice of Appropriation of Groundwater _____

Date well started 11-28-62 Date Completed 12-4-62

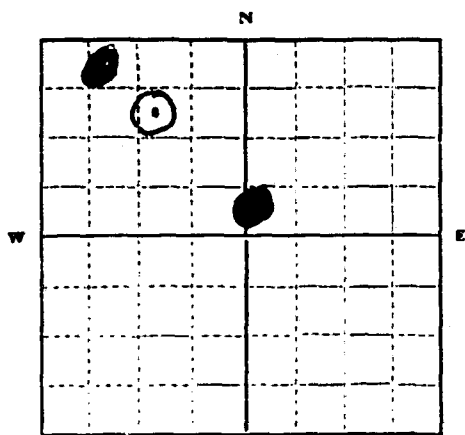
Type of well Drilled Equipment Used Rotary
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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.

- 2 Top of Ground SURFACE
- 51 (Elev. above sea level _____) TAN, BROWN, BLUE SAND
- 54 COAL
- 61 BLUE GRAY SHALE
- 62 COAL
- 67 GREEN SHALE
- 85 BLUE GREEN SHALE
- 93 light GREEN SHALE
- 105 BLUE + WHITE SAND
- 108 BROWN SHALE
- 114 GRAY SANDY SHALE
- 134 BLUE + WHITE SAND
- 139 TRACE OF COAL
- 153 GRAY SHALE
- 172 BLUE + WHITE SAND
- 210 GRAY + light BROWN SHALE

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 1/4	5 IN ID 15 lb, Black	0	206	Slots cut with Torch	93	105
					114	134
					155	172



N 1/4 N.W. Sec. 11 T. 2-N R. 56-E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

210

Static Water Level for non-flowing Well 86 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 180 feet at 20 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, 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) CEMENTED

WITH 10 SACKS RE 90 CEMENT

112
Driller's License Number

Merle R. Bandy
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.

118670

Filed for Record

11:35 o'clock ~~AM~~

MAR 4 1983

Ray Dickerson
County Clerk

James M. Brewster
Deputy

Fee \$ 2.00

File No. _____

DUPLICATE

2N 56E
Carter

County _____

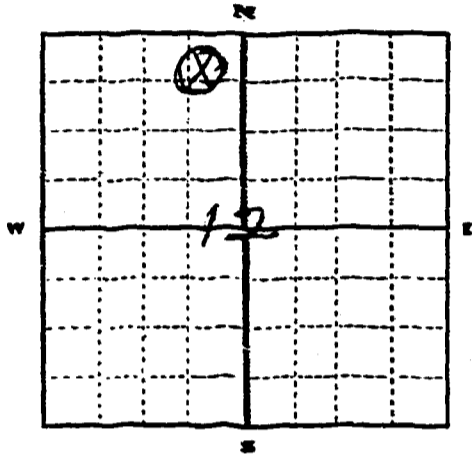
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 7 1962

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Anna Meyer, of Chalaka
(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:



1/4 Sec 2 T2N R56E
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. 1910
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 10 gal per Minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Spring Natural Flow
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. Spring
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. All of the Flow
11. The log of formations encountered in the drilling of each well if available. Spring
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 Anna Meyer
Date Nov 31, 1962

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

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

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

25878

113443

FF 1-1-1 Record
145

James M. Brunter
Clerk

Denise

Fee \$ 3.00

107959

T. 2 N R. 56 E

County Carter

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

Owner Charles Meyer Address Malak, Montana

Driller Henry Bryant Address Malak, Montana

Date Started April 22, 1961 Date Completed May 1, 1961

Location: Sec. 15 T. 2 N R. 56 E 1/4 sec. SE 1/4

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 520 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: 10' feet.

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

Pumping water level 110 feet at 7 gal. per min.

How tested: Boiling

Length of test _____

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

(over)

105601
RECEIVED
1959

T. 2 North R. 56 East

County Carter

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

	x	

Owner George Kristal Address Malibu, Montana

Driller Steve J. Liss Address Malibu, Montana

Date Started October 18, 1959 Date Completed Oct. 20, 1959

Location: Sec. 19 T. 2 N. R. 56 E. $\frac{1}{4}$ sec. SW 1/4

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: Surface ft. to 150 ft. Type Black pipe Size 4 Inch

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

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

Perforated or Screened: Ft. 110 to ft. 150 Ft. _____ to ft. _____

Type of screen or perforations cutting torch 4"

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

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

Pumping water level 50 feet at 15 gal. per min.

How tested: Roller

Length of test six hours

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

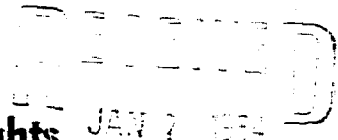
(over)

File No. _____

T 21 R 56 E
County Carter

DUPLICATE

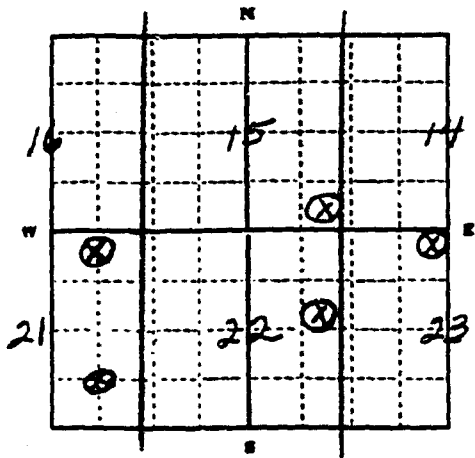
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Anna Meyers, of Shelake STATE ENGINEER
(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:



1/4 Sec. T2N R56E

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
About 1910 and Continuous

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

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

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

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
Spring

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
Natural Flow

10. The estimated amount of groundwater withdrawn each year
All of the Flow

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 Anna Meyer
Date Nov 31, 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.

113444

Filed for Record
145

Jan M. Buente
Deputy

Feb 200

107968

T. 2 North R. 56 East

County Carter

RECEIVED

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner William Tutton Address Ekalaka, Montana

Driller Henry Briant Address Ekalaka, Montana

Date Started May 2, 1961 Date Completed May 2, 1961

Location: Sec. 23 T. 2 N. R. 56 E. $\frac{1}{4}$ sec. Se

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 71 ft. Type Black pipe Size 4 In.

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 holes

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

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

Pumping water level 30 feet at 10 gal. per min.

How tested: bailing

Length of test: one hour

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

(over)

File No.

T. 2 N. R. 56 E

DUPLICATE

County Custer
RECEIVED
JAN 7 1964

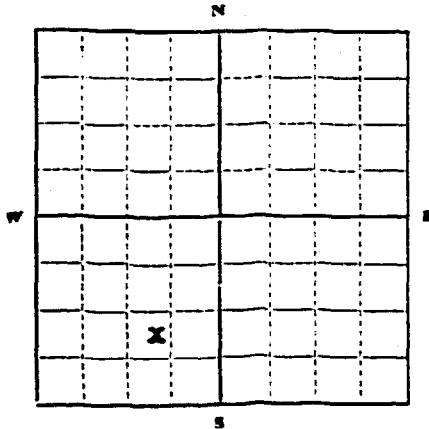
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

I, JOHN A. AYE of 511 Main Miles City
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 24 T. 2 N. 56 E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1890

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 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
30 acres out of the SW of Section 24 T. 2 N. R. 56 E Carter County

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 about 1890 exact date is not known

8. The depth of water table 70 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled, 6" casing about 70 feet

10. The estimated amount of groundwater withdrawn each year 30 acre feet

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

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.

25802

113357

Filed for Record

at 1:45 o'clock PM

DEC 30 1963

Jane M. Brunster
County Clerk

Deputy

Fee \$ 2.00

GW 2

File No. _____

DUPLICATE

111704

T 20 R 56E

County Center

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
RECEIVED
MAY 14 1963

Notice of Completion of Groundwater Appropriation by Means of Well
STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Owner Carl Lacey Address Baker mont

Driller Henry Reed Address Chalaba mont

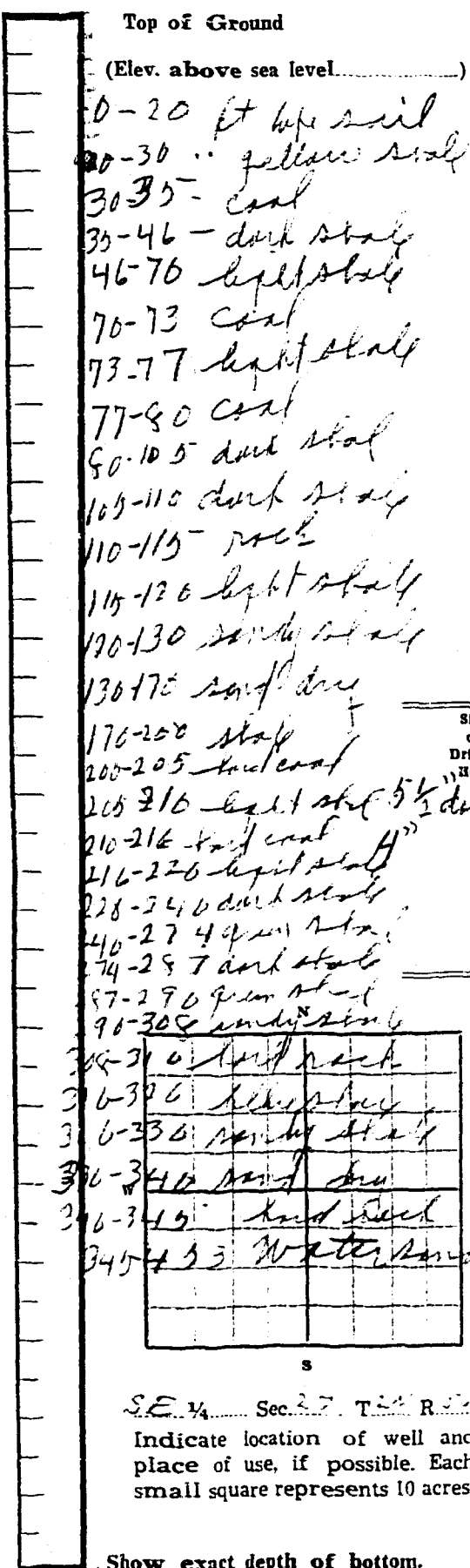
Date of Notice of Appropriation of Groundwater _____

Date well started March 26 Date Completed April 4

Type 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)
4"	11 lb	0	315	4"	393	453 ft
3"	11 lb	315	453	3"		
1 1/2"				1 1/2"		
1"				1"		

Static Water Level for non-flowing Well 230 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 236 feet at 6 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested barling Length of Test 2 hours

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

Filed for Record

at _____
MAY 12 1963
County Clerk
Driller's License Number 66
Driller's Signature Henry Reed

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.

4367

111840

Filed for Record

at 11:55 o'clock A.M.

APR 13 1935

Ray Dickson
County Clerk

John M. Gwathmey
Deputy

Rec'd 2.00

133974

County GARTER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

RECEIVED
SEP 11 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

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

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

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

Owner Reid E. A. Russell

Address Ekolaka, Mont.

Date well started 9-9-72

completed 9-17-72

Type of well Drilled

Equipment used Rotary

Water Use: Domestic Municipal Stock Irrigation

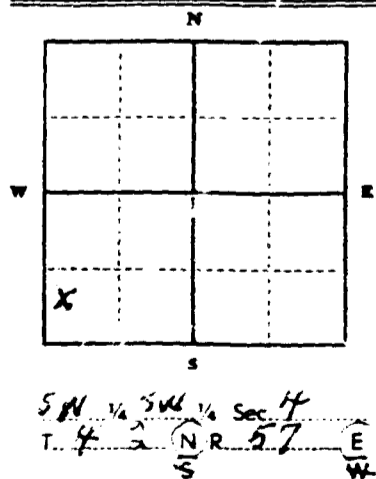
Industrial Drainage Other Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 200,000

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 ID, 10.84	0	379	Slots	249	270
				Coil W.T.	354	378
				4		



Static water level 180 ft.*
Pumping water level 250 ft.*
at 10 gallons per minute,
measured 60 minutes after pumping
began.
*Measured from ground level.
Well developed by A.R.
for 2 hours.
Power Wind Pump HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	1	SURFACE
1	6	WHITE SAND
6	11	CLAY
11	12	TAN BROWN SAND AND
12	45	WHITE SAND
45	47	TAN CLAY SHALE
47	52	GRAY SHALE
52	65	COAL
65	85	GRAY SHALE
85	103	BROWN GRAY SHALE
103	103	STREAKS OF COAL
103	235	GRAY SHALE
235	262	BLUE SAND STREAKS OF
262	262	BLUE SANDY SHALE
262	268	LIGHT BLUE SAND ROCK
268	271	BLUE SAND
271	303	GRAY BROWN SHALE
303	303	STREAKS OF COAL
303	327	BLUE SANDY SHALE
327	327	STREAKS OF GRAY SHALE
327	327	COAL
327	345	BLUE & WHITE SAND
345	346	BLUE SAND ROCK
346	376	BLUE & WHITE SAND
376	380	GRAY SHALE

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

Driller's Signature Mark A. Rudy

Driller's Address Belle Fourche, S.D.

LICENSE NO. 112

350 Show exact depth of bottom

51,389

133974

CARTER COUNTY
Ekalaka MONTANA
Filed for Record
at 3:30 o'clock P.M
SEP 14 1972

JANE M. BREWSTER

Cally D. Kelly County Clerk
Deputy

Fee \$2.00

Correction

133974
RECEIVED

County CARTER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

SEP 21 1972

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Russell A. Donnell

Address Edinburg, Mont.

Date well started 9-5-72

completed 9-13-72

Type of well Drilled

Equipment used Rotary

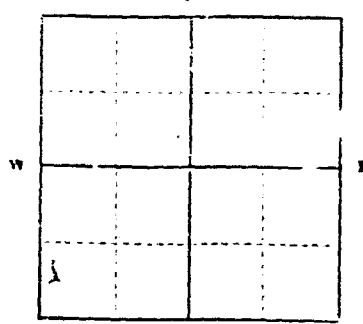
Water Use: Domestic Municipal Stock Irrigation

Industrial Drainage Other Garden-Lawn

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

ESTIMATED ANNUAL WITHDRAWAL 21,000 Gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
5 7/8"	1 1/2"	0	277	Slots	239	276
				with	257	325
				Teeth		



Static water level 189 ft.
Pumping water level 185 ft.
at 12 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by Drill
for 2 hours,
Power Wind Pump HPI
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature Mark A. Donnell

Driller's Address Edinburg, S.D.

LICENSE NO. 112

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	Description
0	1	Surface
1	6	White sand
6	11	Clay
11	12	Light gray sandstone
12	14	White sand
14	17	Light gray sandstone
17	21	White sand
21	25	Light gray sandstone
25	27	White sand
27	30	Light gray sandstone
30	35	White sand
35	38	Light gray sandstone
38	40	White sand
40	42	Light gray sandstone
42	45	White sand
45	47	Light gray sandstone
47	50	White sand
50	52	Light gray sandstone
52	55	White sand
55	57	Light gray sandstone
57	60	White sand

Correction in description from Sup. 4 to Sup. 2

SE 1/4 Sec. 64
T. 2 N. R. 17 E.

390 Show exact depth of bottom

57,389

Correction

133974
RECEIVED

County CARTER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

SEP 21 1972

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Developed after January 1, 1962

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

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

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

Owner RUSSEL A. BONGELL

Address ERATAK, MONT.

Date well started 9-8-72

completed 9-13-72

Type of well DRILLED

Equipment used Rotary

Water Use: Domestic Municipal Stock Irrigation

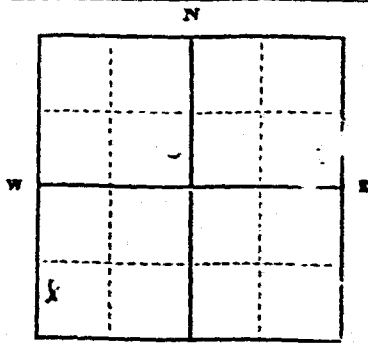
Industrial Drainage Other * Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 300,000 Gallons

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.P.C. 10.87	0	377	Slots	249	270
				Co. T		
				W. T. 2	354	378
				Touch		



Static water level 180 ft.*
Pumping water level 250 ft.*
at 1.0 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by AIR
for 2 hours.
Power Wind Mill Pump 11 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

SE 1/4 S 1/4 Sec. 4
T. 9 N. R. 57 E

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

Driller's Signature Mike A. Bandy

Driller's Address Bill French, S. D.

LICENSE NO. 112

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	1	SURFACE
1	6	WHITE SAND
6	11	CLAY
11	12	TAN + BROWN SAND/CLAY
12	45	WHITE SAND
45	47	TAN/CLAY/SHALE
47	53	GRAY SHALE
53	65	CLAY
65	85	LIGHT GRAY SHALE
85	103	BROWN + GRAY SHALE
		STREAKS OF COAL
103	235	GRAY SHALE
235	264	BLUE SAND STREAKS OF BLUE SANDY SHALE
264	264	LIGHT BLUE SAND/CLAY
264	271	BLUE SAND
271	303	GRAY + BROWN SHALE STREAKS OF COAL
303	327	BLUE SANDY SHALE STREAKS OF CLAY + GRAY SHALE + COAL
327	375	BLUE + WHITE SAND
375	376	BLUE SAND/CLAY
376	376	BLUE + WHITE SAND
376	380	GRAY SHALE

Correction in description from Sup. 4 to Sup. 2

350 Show exact depth or bottom

51,389

STATE OF MONTANA,

County of Carter } ss.

Russell A. Powell having first been duly sworn, depose and say that he of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

Russell A. Powell

Subscribed and sworn to before me, this 14 day of September, 1972

Notary Public for the State of Montana.

Residing at _____

My commission expires _____ 19____

JANE W. BREWSTER
COUNTY CLERK AND RECORDER
CARTER COUNTY, MONT.
Valley Steyer
DEPUTY

Doc # 200

Valley Steyer
County Clerk
Deputy

JANE W. BREWSTER

SEP 11 1972

CARTER COUNTY
CLERK AND RECORDER
VALLEY STEYER
3:40 P.M. 9/11/72

133974

STATE OF MONTANA,

County of

Carter

} ss.

Russell G. Russell having first been duly sworn, depose *S* and say *2* that *he* *is* of lawful age and *15* the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person whose name *is* subscribed thereto, as the appropriator and claimant, that *he* knows the contents of said foregoing notice and that the matters and things therein stated are true.

Russell G. Russell

Subscribed and sworn to before me, this

14 day of

September, 19*72*

Notary Public for the State of Montana.

Residing at

My Commission expires 19

JANE M. BREWSTER
COUNTY CLERK AND RECORDER
CARTER COUNTY, MONT.
Calvin Steig
DEPUTY

133974

CARTER COUNTY
HELENA, MONTANA
Filed for Record
at 3:00 o'clock P.M.

SEP 14 1972

JANE M. BREWSTER

Calvin Steig
County Clerk
Deputy

Fee: \$ 2.00

133974

T. 2EN R. 57-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 EMIL SCHWEDE Address ERLAKA, MONT.

Driller MERLE R. BARD Address BELLE FOURCHE, SD

Date of Notice of appropriation of groundwater _____

Date well started 9-5-70 Date completed 9-7-70

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

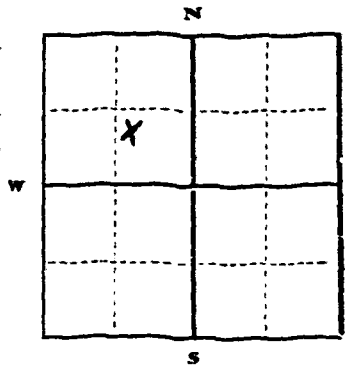
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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.

100' light gray sandy shale
105' light brown shale
110' light gray shale
115' light blue sand
120' light gray shale
125' coal
130' gray shale streaks of coal
135' light gray + light green sandy shale
140' light blue sand
145' gray shale

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 20, 10.89	0	304	slots cut with torch	170	190

Doc. No. 13003E
Filed for record
this 12 day of MARCH
A. D. 19 71, at 10:15
o'clock P. M.



Static Water Level for non-flowing well 40 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 190 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) _____

SE 1/4 NW Sec. 4 T. 2N R. 57E
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.

203

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. Bard
Driller's Signature.

48225

1915

RECORDED
IN BOOK
NO. 100
PAGE 10

130036

CARTER COUNTY
EKALAPA MONTANA
Filed for Record
at 10:15

MAR 12 1911

John M. Brewster
County Clerk

Deputy

for \$2.00

113457

File No. _____

DUPLICATE

Q

T. 2N R. 57E
County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

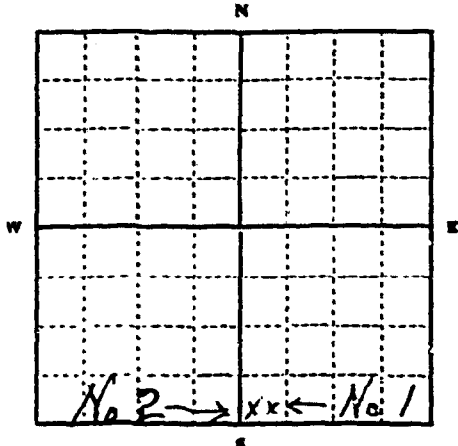
RECEIVED
JAN 7 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Carl M. Quam, 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:



SW 1/4 SE Sec. 11 T. 2N R. 57E

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

- The beneficial use on which the claim is based. Water for livestock and household use
- Date or approximate date of earliest beneficial use; and how continuous the use has been. Well No. 1 used since 1940
Well No. 2 used since 1958
- The amount of groundwater claimed (in miner's inches or gallons per minute). Well No. 1 -- 2 gallons per minute. Well No. 2 -- 5 gallons per minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Well no. 2 is used for irrigating a garden
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. pumps are used to withdraw water from each well.
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. well No. 1 hand dug in 1940 exact date unknown
Well No. 2 Drilled in late spring or early summer of 1958
- The depth of water table. Well No.1 about 12 ft. No. 2 about 150 ft.
- 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 hand dug, 2 ft dia. 16 feet deep
Well No 2. Drilled, 4in. Casing, 200 ft deep
- The estimated amount of groundwater withdrawn each year. 130,000 gallons per ^{year} from both wells
- The log of formations encountered in the drilling of each well if available. NOT available.
- 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 KNOWN.

Signature of Owner

Carl M. Quam

Date

Dec 30, 1963

This copy is 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 2:30 P.M.

DEC 01 1963

Jane M. Brewster

Callie M. Stee
County Clerk
Deputy

Fee: \$2.00

102960

RECEIVED

STATE ENGINEER

T 2 North R 57 East
County Carter

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

	X	

Owner Ernest Sjoblom Address Ekalaka, Montana
 Driller Henry Briant Address Ekalaka, Montana
 Date Started June 7, 1958 Date Completed June 18, 1958
 Location: Sec. 11 T. 2 N. R. 57 E. 1/4 sec. SWSE

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 203 ft. Type Black pipe Size 4"

Casing: 198 ft. to 300 ft. Type Black pipe Size 3"

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

Perforated or Screened: Ft. 220 to ft. 300 Ft. _____ to ft. _____

Type of screen or perforations 1/2" holes

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

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

Pumping water level 200 ft. from top 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)

G
File No. 112938

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

T. 27 R. 57459E
County Center

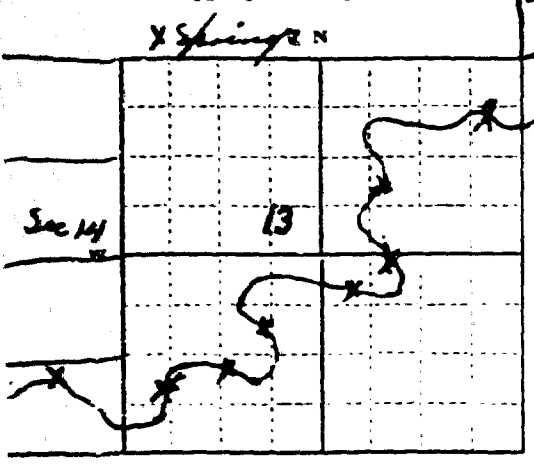
DUPLICATE
Fee: \$ 2.00

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 13 1963

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

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



- 2. The beneficial use on which the claim is based *Stock Water Normal Ranch operations*
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been *1945. River crossing the aquifer at this place to keep the creek from drying up. It is a natural flow*
- 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 *Natural flow*
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *Natural flow*

1/4 Sec 13, 14, T27R57E

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

SESE, Sec 14, SW 1/4, NWSE
SW 1/4 NE, NE NE, Sec 13, T27 R57E, SW 1/4, NW 1/4, Sec 7, T27 R57E

- 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 *This is a test standing in natural flow fed by a larger stream of under ground water*
- 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 *Frank C. Catterberry*
Date *Dec 7, 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.

RECEIVED
STATE ENGINEER

Filed for Record
10:45 o'clock A.M.

DEC 9 1963

Jane M. Brewster

County Clerk

Callum D. [Signature]

File No.

T. 2 N. R. 57 E

DUPLICATE

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. JOHN A. AYE of 511 Main Miles City
(Name of Appropriator) (Address) (Town)

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

	X		

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1890

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 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
30 acres out of NW 1/4 of Section 19

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

NW 1/4 Sec. 19 T. 2 N. R. 57 E

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater about 1890 Exact date is not known

8. The depth of water table 70 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled, 6" casing about 70 feet

10. The estimated amount of groundwater withdrawn each year 30 acre feet

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 A. Aye
Date 12-30-1963

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.

1234

FILED

At 10:44 O'clock A.
Dec 31 1963

A. E. Anderson
County Clerk and Ex. Office Recorder of
Duster County, Montana

Ruth Rusk
Deputy

89.

113493

File No. _____

T. 2 N R. 57 E

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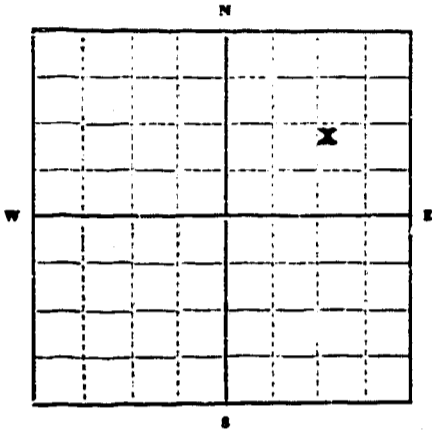
County Custer

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



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

1. JOHN A. AEB of 511 Main Niles City
(Name of Appropriator) (Address) (Town)
County of Custer State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE $\frac{1}{4}$ ~~21~~ Sec. 21 T. 2N R. 57E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1890 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 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 30 acres on section 21 T 2N R 57E

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 1890

8. The depth of water table 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 drilled, 6" diameter, 100 feet deep

10. The estimated amount of groundwater withdrawn each year 30 acre feet

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 [Handwritten Signature]
Date 12-30-1963

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.

Filed for Record

at 4:45 P.M.

DEC 01 1965

Jane M. Brewster

County Clerk

Collyer S. Steg

Deputy

Fee: \$2.00

File No. 113174

T. 2N R. 57E.
County Carter

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

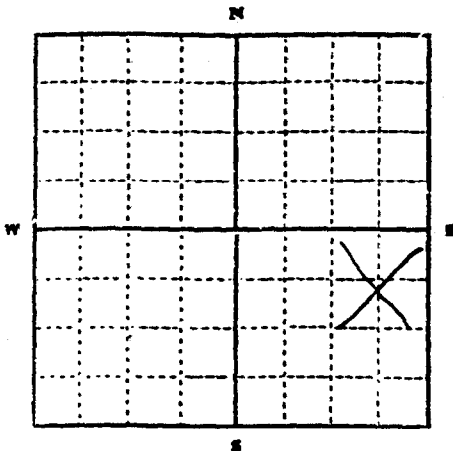
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER
Ekalaka

Victoria M. Pickard, of _____
(Name of Appropriator) (Address) (Town)
Carter Montana

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



NE 1/4 Sec 22 T. 2N R. 57E.

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 purposes and watering of livestock.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1900

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 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 Rock walls 40 feet deep 4 feet square.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater prior to 1900

8. The depth of water table 35 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

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

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

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 Beaver Creek runs through this area there are several natural springs along the Creek. Springs are used to water livestock.

Signature of Owner Victoria M. Pickard
Date December 20, 1963

This 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.

1027

Filed for Record

3:15 P.M.

DEC 2 1965

Jane M. Brewster

Cally M. Ste...
Deputy

Fee: \$2.00

File No. **112940**

T. **24** R. **57E**

DUPLICATE

County **Carter**

Fee: \$2.00

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

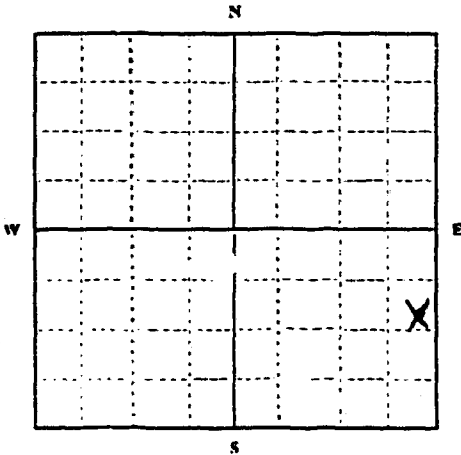
RECEIVED
DEC 13 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Frank Cattleberg, of **Chalaha**
(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:



NE 1/4 SE Sec 24 T. 24 R. 57E

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 **1925**
four acres
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) **3 gal Per Min.**
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal **Windmill**
NE SE Sec 24, T. 24, R. 57E.

- 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 **160ft 140 ft of water**
- 10. The estimated amount of groundwater withdrawn each year **1,576,800 gal.**
- 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 **Frank Cattleberg**
Date **Dec 6, 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.

8765

Filed for Record
at 10:45 o'clock A.M.

DEC 9 1963
Jane M. Brewster

County Clerk,
Callie M. Stue
Deputy

RECEIVED
JAN 1 1964

File No.

T. R.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

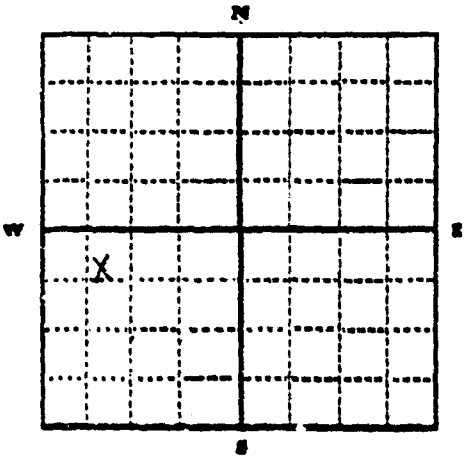
RECEIVED
DEC 27 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Wesley E. and Ida Brewer, of Skalaka
(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. 23 T. 24 N. R. 37 W.

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
1961 continuous use

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
none

8. The depth of water table
ten 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
flows into reservoir 15 by 30 by 12 ft. deep

10. The estimated amount of groundwater withdrawn each year
40,000 gallon

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 *Wesley E. Brewer*
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.