

130497

CARTER COUNTY
EKALAKA, MONTANA
Filed for Record

at 8:35 o'clock A.M.

AUG 9 1971

JANE M. BREWSTER

County Clerk

Cathy Shea
Deputy

Fee: \$2.00

13274, Filed,
 Dec. 27, 1963,
 at 3:00 P.M.
 Jane M. Brewster
 Clerk and Recorder
 \$2.00 fee paid

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Carte to
 Twp 3 S, Rge 56 E
 RECEIVED
 DEC
 STATE ENGINEER

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

1. Geo. Kreitel, of Ekalaka, Montana,
 County of POWDER RIVER, STATE OF MONTANA, have appropriated groundwater according to
 the Montana Laws ~~in effect~~ prior to January 1, 1962, as follows:

Duplicate

	Sec. 7	Sec.	Sec.	Sec.	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	Watering Livestock					
3. DATE DRILLED	1954					
3. How continuously used	Continuously since the above date.					
4. Amount Claimed (gal. per minute)	5 gallons					
Irrigated description	--					
5. Irrigation owner	--					
6. Location (40 acres)	S4NW					
6. Withdrawal means						
7. Completion date	1954					
8. Water depth table	6 feet					
Type (drilled or dug)	dug					
9. Size & Depth	14' deep 3 1/2" steel pipe					
10. Estimated annual amount withdrawn	unknown					
11. Other information	none					
12. Log, if available	none.					
	metal 1/tank x 3 1/2' x 16' windmill.					

STATE OF MONTANA)
) ss.
 County of Powder River
Carter

Signature of Owner: Geo. Kreitel

Dec. 27, 1963.
 Date Dec. 27, 1963

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

Geo. Kreitel

~~Clerk and Recorder~~
~~State of Montana~~

Bruce M. Sheldon, Notary Public
 For the State of Montana
 Residing at Ekalaka, Montana
 My commission expires Dec. 1, 1964. 13915

File No. _____

STATE WATER CONSERVATION BOARD

T 3-5 R 56-E

DUPLICATE

DEC 31 1966

County CARLE

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

5 SURFACE
 63 TAN SAND STREAKS
 OF TAN SANDY CLAY
 85 LIGHT GRAY SHALE
 92 LIGHT GRAY SILTY SHALE
 98 LIGHT BLUE SAND ROCK
 125 GRAY SHALE

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner KEITH RANCH Address EXALAKA, MONT.

Driller MERLE R. BONDY Address BELLE FOURCHES, SD.

Date of Notice of appropriation of groundwater _____

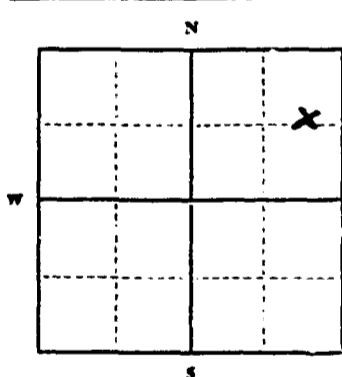
Date well started 10-4-66 Date completed 10-7-66

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)
5 7/8	4 in IR 11 lb.	0	130	slots cut with Torch	53 93	113 103



Static Water Level for non-flowing well _____ 53 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level _____ 117 feet
at _____ 1 1/2 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) _____

N 1/4 Sec. 2 T. 3-5 R. 56-E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

125

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. Bondy
Driller's Signature

45 564

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Appropriator
Owner Joe Loosik

Address Elk Lake,
Montana

Date well started Mar 16, 1970
completed Mar 17, 1970

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

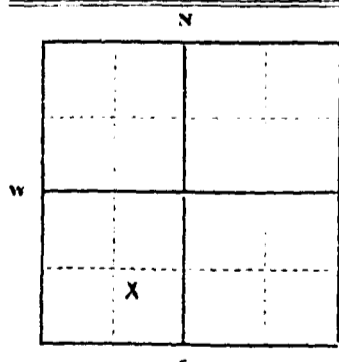
Equipment used Rotary
(Churn drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other Garden/Lawn

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Lining	From (Feet)	To (Feet)	PERFORATIONS
6 1/4	4" ID 100 lb PVC	0	227	Kind Size 1 1/2 inch 155 227



Static water level 100 ft.*
Pumping water level 180 ft.*
at 1/2 gallons per minute,
measured 25 minutes after pumping began.
*Measured from ground level.
Well developed by 4.5
for 1 1/2 hours.
Power 3 HP Pump 3 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

SE 1/4 Sec. 18
T. 3 N. R. 24 E.
S W

Fuller Packer
set at 170'

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

Driller's Signature Mark R. ...
Driller's Address Elk Lake, Montana

RECEIVED
NOV 19 1970

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	15	Brown Sand
15	30	Black shale w/ streaks of coal
30	43	Dark gray sand
43	49	Black shale
49	70	Black & gray sand
70	79	Gray shale
79	85	Gray shale & sand
85	92	Gray sand streaks of coal
92	110	Gray shale
110	114	Gray shale streaks of coal
114	120	Green shale
120	140	Gray shale
140	150	Gray sand & shale
150	153	Gray shale
153	170	Gray shale
170	200	Brown shale
200	227	Gray & black sand

LICENSE NO 201

227 Show exact depth of bottom

5

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MONTANA WATER RESOURCES BOARD
RECEIVED
NOV 19 1970

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.

Appropriator
Owner Joe Lorisek

Address Ekolaka,
Montana

Date well started May 6, 1970
completed May 7, 1970

Type of well Drilled

Equipment used Rotary

Water Use: Domestic Municipal Stock Irrigation

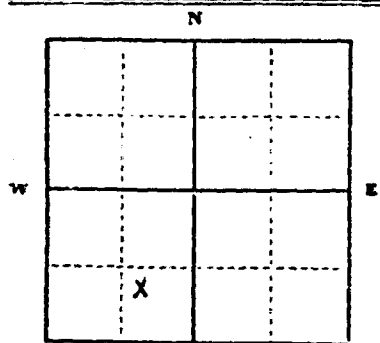
Industrial Drainage Other Garden/Lawn

*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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 1/4	4" ID 100' B B.P.C.	0	227	1/2 inch cut with cutting tool	155	227



SE 1/4 SW 1/4 Sec. 18
T. 3 N. R. 24 E.
S. W.

Static water level 100 ft.*
Pumping water level 180 ft.*
at 1.5 gallons per minute,
measured 25 minutes after pumping
began.

*Measured from ground level.
Well developed by 4.0
for 1 1/2 hours.

Power 25 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

Red Line Packer
Set to 170'

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

Driller's Signature Mark R. [Signature]

Driller's Address Ekolaka, Montana

LICENSE NO 201

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	15	Brown Sand
15	30	Black shale w/ streaks of coal
30	43	Brown Gray Sand
43	49	Black shale
49	49	Black & Gray Sand
49	49	Gray shale
49	85	Gray shale & sand
85	92	Gray sand streaks of coal
92	110	Gray shale
110	114	Gray shale streaks of coal
114	130	Green shale
130	147	Gray shale
147	153	Gray sand Gray shale
153	143	Gray shale
143	160	Brown shale
160	227	Gray & Black sand

227 Show exact depth of bottom

477725

129599

CARLE COUNTY
BRADLEY MONTANA

Filed for Record

at 10:30 AM

NOV 18 1970

James M. Brunster
County Clerk

Deputy

Fee \$2.00

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Eril Schwede

Address Elk River, Mont.

Date well started 8-10-72

completed 9-14-72

Type of well Drilled

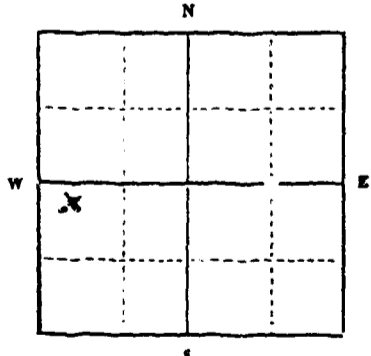
Equipment used Rotary

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>5 7/8</u>	<u>4 in. ID. 10.89</u>	<u>0</u>	<u>320</u>	<u>slots cot with Torch</u>	<u>261</u>	<u>313</u>



Static water level 174 ft.*
Pumping water level 200 ft.*
at 20 gallons per minute,
measured 60 minutes after pumping
began.
*Measured from ground level.
Well developed by Electric Pumping
for 2 hours.
Power 1/2 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

SW 1/4 SW 1/4 Sec. 27
T. 3 N. R. 37 E.
S. 5 W.

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

Driller's Signature Charles A. Bundy

Driller's Address 1125 French St.

LICENSE NO. 112

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	1	Surface
1	4	Tan clay shale
4	12	Tan sand
12	17	Tan clay shale
17	19	Tan sand
19	47	Tan clay shale
47	59	Blue clay shale
59	66	Tan & Gray silty shale
66	68	Brown sand rock
68	75	Gray shale
75	79	Brown shale - coal
79	92	Gray shale
92	106	Brown shale streaks of coal
106	135	Light gray shale streaks of silty clay
135	142	Coal streaks in brown shale
142	164	Gray shale
164	167	Coal
167	172	Light blue sand
172	173	Blue sand rock
173	179	Light blue silty shale
179	187	Gray & brown shale
187	197	Tan & gray shale
197	275	Gray sandy shale
275	310	Blue sand
310	313	Hard blue sand rock
313	317	Gray shale
317	318	Hard gray sand rock

318 Show exact depth of bottom

133234

Ernie Schube

CARTER COUNTY
Ekalaka, MONTANA
Filed for record
at 1:00 PM

Aug 15 1972

James M. Drumter
Country Clerk

Deputy

fee \$2.00

105357
RECEIVED

2

T. 3-S R. 59-E

County Carter

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

X		

Owner Mrs. E. Hanson Address Ekalaka, Montana
Driller Merle R. Bandy Address Belle Fourche, S.Dak.
Date Started 10-17-59 Date Completed 10-17-59
Location: Sec. 3 T. 3-S R. 59-E 1/4 NE 1/4 SW

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 35 ft. Type Black 11 lb. Size 4 Inch

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

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

Perforated or Screened: Ft. 25 to ft. 32 Ft. _____ to ft. _____

Type of screen or perforations Slots Cut With Torch

Static Water level, for non-flowing well: 22 ft. From Top _____ feet.

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

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

How tested: Pumped

Length of test 1 Hour

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

(over)

File No. _____

JAN 24 1967

T. 3-S R. 59-E

DUPLICATE

Bill: _____
 Butcher: _____
 Code: _____
 Director: _____
 District: _____

County: CARTER

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 STATE WATER CONSERVATION BOARD

LOG

Top of Ground

(Elev. above sea level _____)

-12 SURFACE
 -19 TAN & GRAY SANDY CLAY
 -27 SAND & GRAVEL
 -40 GRAY SHALE

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: Clyde Sandon Address: Ekalaka, MONT

Driller: Merle R. Bandy Address: Belle Fourche, S.D.

Date of Notice of appropriation of groundwater: _____

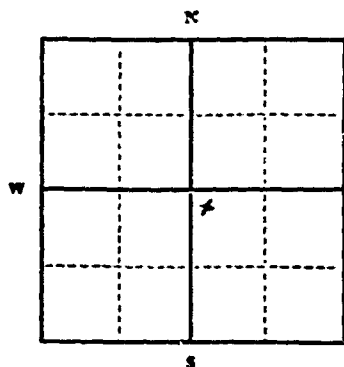
Date well started: 1-9-67 Date completed: 1-10-67

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)
7 7/8	6 5/8 O.P. 19.98	0	30	slots cut with Torch	23	28



Static Water Level for non-flowing well: 19 feet.

Shut-in Pressure for Flowing Well: _____

Pumping Water Level: 30 feet at 10 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) _____

N.M. 56 Sec 14 T. 3-S R. 59-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.

40

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.

118070

Clyde Sandon

CARTER COUNTY
EKALAKA, MONTANA
Filed for Record

at 4:00 P.M.

JAN 20 1967

Jane M. Brewster

Cally M. Stee
County Clerk
Deputy

Fee: \$2.00

105356
 RECEIVED

#1

T 3-S R 59-E

County Carter

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY
 Butte, Montana

WATER WELL LOG

Owner Mrs. E. Hanson Address Kalaka, Montana

Driller Merle R. Bandy Address Belle Fourche, So. Dak.

Date Started 10-16-59 Date Completed 10-17-59

Location: Sec. 27 T 3-S R 59-E 1/4 sec SE 1/4 of 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: 0 ft. to 35 ft. Type Black 11 lb. Size 4 Inch

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

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

Perforated or Screened: Ft. 25 to ft. 30 Ft. _____ to ft. _____

Type of screen or perforations Slots Cut With Torch

Static Water level, for non-flowing well: 22 From Top feet.

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

Pumping water level: 31 feet at 7 1/2 gal. per min. One

How tested: Pumped

Length of test: 1 Hour

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

(over)

GROUNDWATER INDEX

County CARTER Twp. 35 Rge. 00E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
4	MIRNAR, DORENE & BELL, ROSENA	GW-4	113586	
11	LEWIS, LEONARD	GW-2	113922	
11	LEWIS, LEONARD	GW-24	113476	
12	BERGSTROM, LOWELL W.	WATER WELL LOG	113416	
12	BERGSTROM, LOWELL W.	GW-4	113345	
12	LEWIS, LEONARD	GW-4	113475	
13	YATES, R.L.	GW-4	113166	
15	BERGSTROM, LOWELL W.	GW-4	113344	
15	YATES, R.L.	GW-4	113167	
23	ROADIFFER, FRANK	GW-4	113508	
23	GATES, RICHARD	GW-2	114495	
23	YATES, R.L.	GW-4	113165	
24	LENDE, CLY & BERTHA W.	GW-4	113013	
24	STEVEN, HERB	GW-2	116191	
24	YATES, R.L.	GW-4 WATER LOG	113169	
27	ROADIFFER, FRANK	GW-4	113509	
4	GROS, DAVE	WATER WELL LOG	115235	ADDITIONAL INFORMATION

113386

File No. _____

DUPLICATE

RECEIVED
MAY 10 1964

T 35 R 60 E

County Carter

RECEIVED
JAN 7 1964

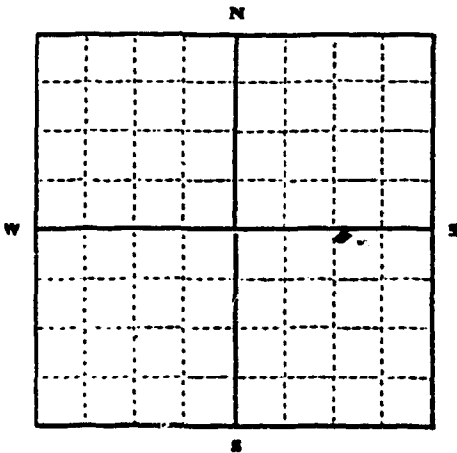
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Dorene M. Mahy & Rosena Bell, of Stalaba
(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. 4 T. 35 R. 60E

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 1960 use it all the time
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 1/2 gal. a 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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Hand pump & pump jack
7. The date of commencement, and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1960
8. The depth of water table 50 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 Stock pump & pump jack the depth 65 ft.
10. The estimated amount of groundwater withdrawn each year 70,000 gal
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None available

Signature of Owner Dorene Mahy & Rosena Bell
Date Dec 30, 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 to the Appropriator.

25828

Filed for Record
at 4:00 P.M.

DEC 30 1963

Jane M. Brewster

County Clerk

Calley M. [Signature]
Deputy

Fee: \$2.00

File No. _____

RECEIVED
AUG 11 1965

T. 35 R. 60 E

DUPLICATE

County CARTER

LOG REFERRED TO _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

- Top of Ground
- 2 SURFACE (Elev. above sea level _____)
- 10 TAN SAND
- 13 TAN SANDY SHALE
- 48 TAN & LIGHT BROWN SAND STREAKS OF TAN & LIGHT GRAY SHALE LENSES OF BROWN SAND ROCK
- 51 GRAY & BROWN SHALE
- 54 COAL
- 59 BLUE GRAY SHALE
- 64 GRAY SHALE
- 68 BLACK & BROWN SHALE TRACE OF COAL
- 125 GRAY SHALE
- 147 TAN SAND STREAKS OF TAN SANDY SHALE
- 162 GRAY SHALE

Owner: LEONARD LEWIS Address: CAMP CROOK, SD
 Driller: MERLE R. Bandy Address: BELLE FOURCHES, SD

Date of Notice of appropriation of groundwater _____

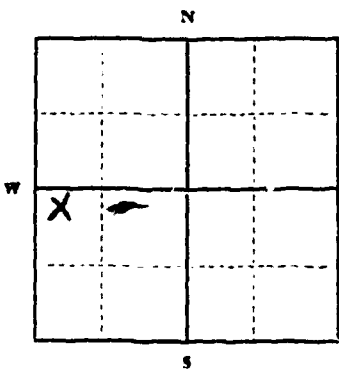
Date well started 9-3-65 Date completed 9-6-65

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)
5 7/8	4 IN. I.D. 11 lbs.	0	162	SLOTS	40	55
				CUT WITH TORCH	125	150



Static Water Level for non-flowing well 44 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 150 feet at 10 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) _____

N.W. 1/4 Sec. 11, T. 35 R. 60 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.

162

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

39404

115922

CARTER COUNTY
EKALAKA, MONTANA

Filed for Record

at *8:29 AM*

AUG 6 1965

James Brunster
County Clerk

Deputy

Fee \$ 2.00

File No.

T. 33 R. 60E.

DUPLICATE

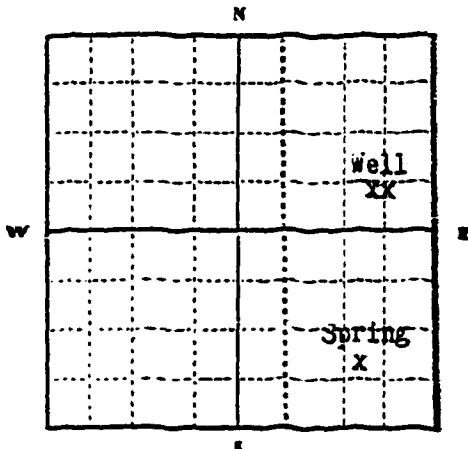
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County Carter
Date Jan 7 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Leonard Lewis of Camp Crook, S. Dak.
(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 11 T33 R 60E.

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 Well is for both household and watering of livestock purposes. Spring is for livestock watering only.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Well drilled prior to 1942 and used continuously since then. Spring developed prior to 1942 and used continuously since then.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Well -- 5 gallons per minute. Spring -- 3 gallons per minute.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well -- Electric pump SENE of 11, 33, 60E. Spring -- Natural flow - SESE of 11, 33, 60E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well - Prior to 1942. Spring - Prior to 1942.

8. The depth of water table Well - 50 feet, Spring - natural flow.

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 125 feet deep - 2 foot hole galv. casing. Spring -- Natural flow down the draugh to dam.

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.

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.

Leonard Lewis

Signature of Owner Leonard Lewis

Date December 31, 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; Triuplicate to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.

25907

11 3476

Filed for Record
at 3:45 P.M.

James M. Brewster

Deputy
Feb 2, 1888

102416

RECEIVED
MAY 14 1958

T 3, South R 60, East
County CARTER

MONTANA BUREAU OF MINES AND GEOLOGY
STATE ENGINEER Butte, Montana

WATER WELL LOG

Owner Lowell W. Bergstrom Address Ekalaka, Montana
Driller Frank Bandy, Jr. Address Broadus, Montana
Date Started March 14, 1958 Date Completed March 15, 1958
Location: Sec 12 T 3 South R 60 East 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: 1 ft. to 21 1/2 ft. Type Black Pipe Size 4 In.
Casing: _____ ft. to _____ ft. Type _____ Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 60 to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations 1/2 In. holes

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

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

Pumping water level 200 feet at 5 gal. per min.

How tested: Pump

Length of test 1 Hour

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

(over)

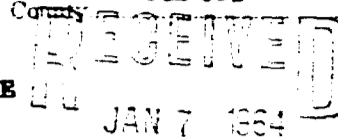
File No.

T 3 S. R. 60 E.M.P.M.

DUPLICATE

Carter

County



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)

Lowell W. Bergstrom, of Carr Creek, South Dakota.

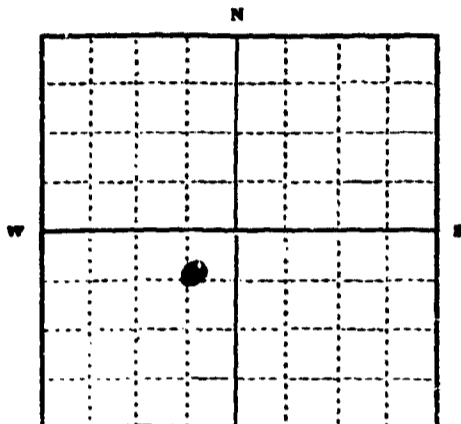
(Name of Appropriator)

(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 12 3 S. 60 E.M.P.M.
1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based. Livestock water supply
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Since 1916 with more development work done in 1963, used continuously since 1916.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). This filing covers a Spring which flows at the rate of one 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 at present.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Spring flows from the ground naturally.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Work on this Spring was completed December, 1963.
8. The depth of water table. Water flows from the 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. One 36 inch culvert 6 feet deep, with 1 inch pipe drainage.
10. The estimated amount of groundwater withdrawn each year. Approximately 500 barrels.
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 Lowell W. Bergstrom
Date December 31, 1963.

This copy 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.

25795

113345

Filed for Record
Feb 11 20 11:20 AM

James M. Swartz
Deputy

Feb 20 2008

[The page contains approximately 15 lines of text that has been almost entirely obscured by heavy black redaction marks. Only faint, illegible fragments of characters are visible through the bars.]

File No.

T 3S R 60E

County Carter

DUPLICATE

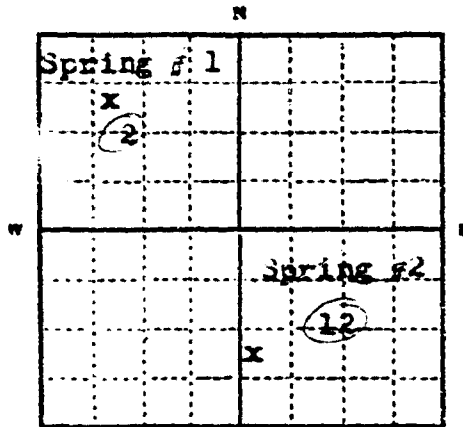
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Leonard Lewis, of Mailing address only: Camp Crook, S. Dak.
(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:



NWSW of 12, 3S, 60E.

SE 1/4 NW Sec. 2 T3S R60E.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Prior to 1942 and continuously. Prior to 1942 and continuously.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Spring # 1 -- 5 gallons per minute Spring # 2 -- 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 Not applicable.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal # 1 piped to steel tank - 12' diam. tank # 2 piped to steel tank 12' diam. tank

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Prior to 1942 on both.

8. The depth of water table surface flow on both.

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 flowing springs piped to steel tanks for livestock water.

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 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. not applicable.

Leonard Lewis

Signature of Owner Leonard Lewis

Date December 31, 1963.

This form 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; Triplet to the Montana Bureau of Mines and Geology; and Quadruplicate for the Appropriator.

25906

113475

Filed for Record
at 3:45 P.M.

James M. Bawert
County Clerk

Deputy

Feb 20

File No. _____

T. 35 R. 60 East

DUPLICATE

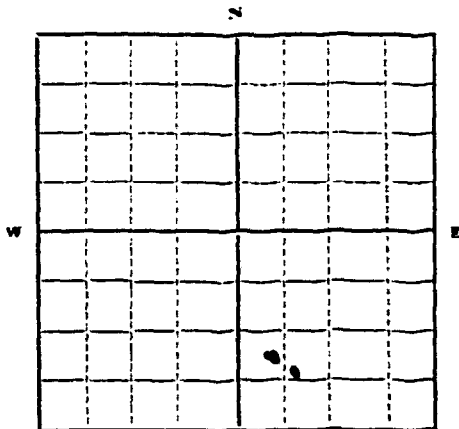
County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1962

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

I, R. L. Yates, of Hammond
(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 of
SE 1/4 Sec. 13 T. 35 R. 60 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. _____

watering livestock

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been _____

spring developed 1958
well unknown
continuous

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

spring flows 1 1/2 gal. per min.
well 3 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 _____

none

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

on well SW 1/4 of SE 1/4 section 13 T. 35 R. 60 E

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

well unknown spring completed in 1958

8. The depth of water table. _____

unknown

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. _____

unknown

10. The estimated amount of groundwater withdrawn each year _____

spring 1 1/2 gal. per min. year around
well unknown

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 R. L. Yates

Date Dec 15 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.

12020

113100

Filed for Record
110

20 1955
Gene M. Buata
County Clerk

Deputy

Feb 200

File No.

T 3 S. R 60 E.M.P.M.

DUPLICATE

RECEIVED
Carter.
JAN 7 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Lowell W. Bergstrom

Camp Creek, South Dakota

(Name of Appropriator)

(Address)

(Town)

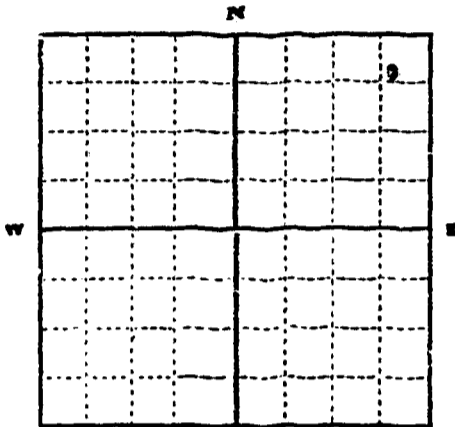
County of

Carter

State of

Montana,

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



NE 1/4 15 S 3 E 60 E.M.P.M.

1/4 Sec. T. R.

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

2. The beneficial use on which the claim is based
LIVESTOCK WATER SUPPLY

3. Date or approximate date of earliest beneficial use, and how continuous the use has been
SINCE 1916 WITH MORE DEVELOPMENT WORK DONE IN 1959, USED CONTINUOUSLY SINCE 1916.

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
THIS PILING COVERS A SPRING WHICH FLOWS AT THE RATE OF TWO GALLONS PER MINUTE.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
NOT USED FOR IRRIGATION AT PRESENT.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
SPRING FLOWS NATURALLY FROM THE SURFACE.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
USED FOR STOCK WATER SINCE 1916, LAST DEVELOPMENT WORK HAVING BEEN DONE IN 1959.

8. The depth of water table
WATER FLOWS FROM THE 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
16 INCH CULVERT WITH A 1 INCH PIPE CARRYING WATER ABOUT 600 FEET TO A WATER TANK.

10. The estimated amount of groundwater withdrawn each year
APPROXIMATELY 16,000 BARRELS.

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 *Lowell W. Bergstrom*

Date December 30, 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.

25793

113344

Filed for Record

at 11:20 AM

DEC 10 1965

James M. Brewster
Deputy Clerk

Deputy

Felt 2.00

File No. _____

T. 35 R. 60E

DUPLICATE

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

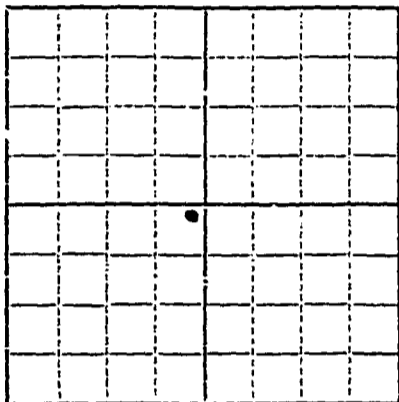
RECEIVED
DEC 28 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. R. L. Yates, of Hammond
(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 of
SW 1/4 Sec. 15 T. 35 R. 60E

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 3 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. none

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. windmill NE 1/4 of SW 1/4 Sec. 15 T. 35 R. 60E

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. 30 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. drilled 4 inches depth 100 ft.

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

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 R. L. Yates

Date Dec. 18, 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.

12021

113167

FILED FOR RECORD

1:10 P.M.

90

James M. Brewster

County Clerk

Deputy

Fee \$ 2.00

File No. 113508

RECEIVED
FEB 28 1964

T. 35 R. 60 E

County: Carter

DUPLICATE

STATE OF MONTANA
STATE ENGINEER
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

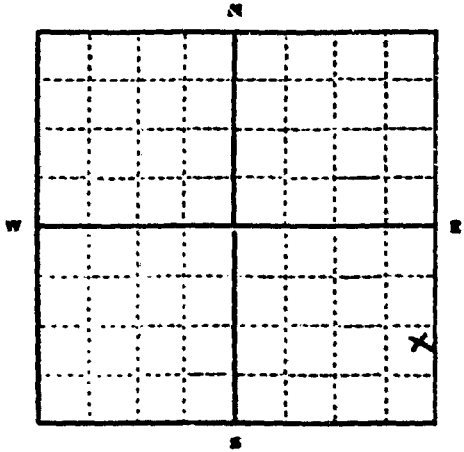
RECEIVED
JAN 32 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Frank Roadifer, of Camp Crook South Dakota
(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:



SE 1/4 Sec 23 T. 35 R. 60 E

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

2. The beneficial use on which the claim is based
LIVESTOCK WATER

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1962 Steady

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1962

8. The depth of water table
About 350 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
5" x 400 Ft.

10. The estimated amount of groundwater withdrawn each year
What's needed to water the Stock

11. The log of formations encountered in the drilling of each well if available
Henry Bryant drilled this well. It should have had an iron formation tested

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
Have Tablock of Arsh Office 25 I. H. H. had it drilled

Signature of Owner Frank Roadifer
Date Dec 31, 1963

This form 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.

113508

Filed for Record

5.00 of Book B

SEP 20 1883

James M. Brewster
County Clerk

Deputy

Fee \$ 2.00

File No. _____

T 3-5 R 60 E

DUPLICATE

RECEIVED
STATE ENGINEER
SEP 16 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

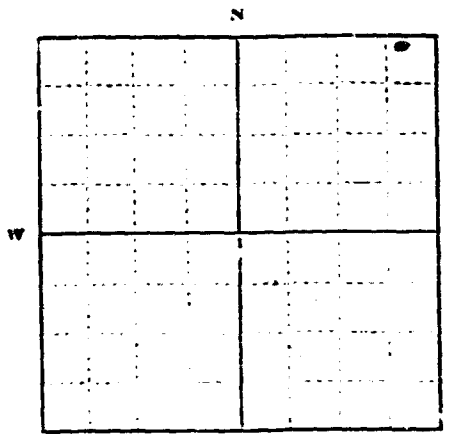
Top of Ground
(Elev. above sea level _____)

1-2 Top soil
2-12 yellow sand
12-13 Rock
13-17 hard sand
17-25 yellow shale
25-41 dark shale
41-76 blue shale
76-90 sandy shale
90-105 water sand

Owner Reichardt Address Chalala mont
 Driller Henry Brient Address Chalala mont
 Date of Notice of Appropriation of Groundwater _____
 Date well started Sept 1st Date Completed Sept 1st
 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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind and Size	From (Feet)	To (Feet)
5 1/2 hole	4" ID 11-pipe 1 1/2 ft	0	105 ft	sand hole 1/4"	85 ft	105



NE 1/4 NE Sec. 23 T3.5 R60 E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.
105 ft

Static Water Level for non-flowing Well 60 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 75 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested haulog Length of Test 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) _____

66
Driller's License Number

Henry Brient
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.

37463

114495

Filed for Record

2:30 P.M.

SEP 11 1964

John W. Drummer
County Clerk

Deputy

Fee pd \$7.00

File No. _____

T3 south R60 East

DUPLICATE

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

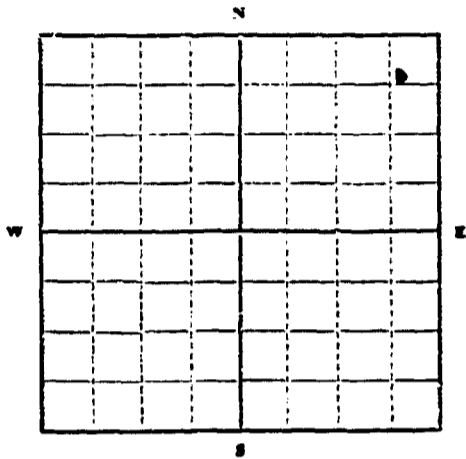
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. R. L. Yates of Hammond
(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 Sec. 23 T3S R60E

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

2. The beneficial use on which the claim is based. _____

watering livestock

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

1957
Continuous

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 _____

none

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

NE 1/4 of NE 1/4 Sec. 23 T3S R60E
pumpjack

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. _____

approximately 100 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. _____

drilled 6 inch depth 110 ft.

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

amount unknown

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 R. L. Yates

Date Dec. 18, 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.

12022

113168

Filed for record
at 1:10 P.M.

DEC 20 1900
Jane M. Brewster
Clerk

Deputy

700 200

File No. **113013**

T. 38 R. 60E

DUPLICATE

County Custer

Fee: \$2.00

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

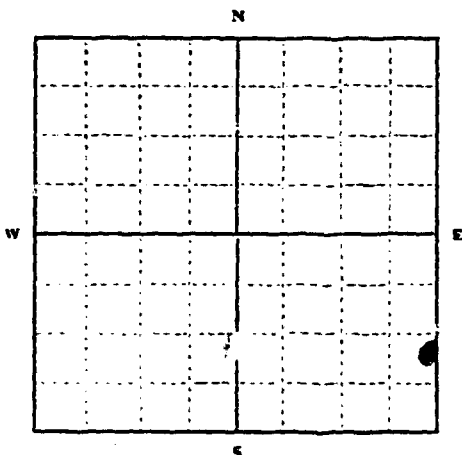
RECEIVED
DEC 16 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Amos Keith F. Leede, of Lead,
(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:



SE 1/4 Sec 24 T35 R60E

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 1900 continuous

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1900 - 1959 - 1961

8. The depth of water table 3 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 ft deep - 12 inch diameter - to tank

10. The estimated amount of groundwater withdrawn each year As needed throughout the whole year

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

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 Amos Keith F. Leede
Date Dec 15, 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.

9092

Filed for Record

2:45 P.M.

11, 1963

Jane M. Brewster

County Clerk

Cally M. Steg

Deputy

RECORDED
INDEXED
9-11-63

File No. 110191

T 35 R 60E

DUPLICATE

County Carter

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERS

Notice of Completion of Groundwater Appropriation by Means of Well
(Under Chapter 237, Montana Session Laws, 1961)
STATE ENGINEER

Top of Ground
(Elev. above sea level.....)

0 - 22 surface sand
22 - 50 light shale
50 - 95 yellow sand
95 - 105 blue shale
105 - 120 dark shale
120 - 135 blue shale
135 - 140 sand Rock
140 - 150 dark shale
150 - 180 sandy shale
180 - 210 sand clay
210 - 230 dark shale
230 - 340 light shale
340 - 378 white sand
378 - 380 hard rock
380 - 400 white sand

Owner Herb Steen Address Chalukamont

Driller Henry Brand Address

Date of Notice of Appropriation of Groundwater

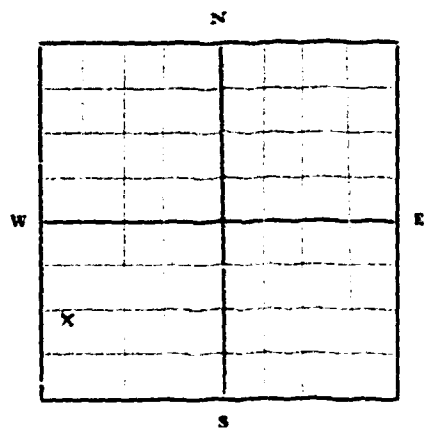
Date well started May 17 Date Completed June 4

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)
5 1/2"	4" 11 pound	0	400	steel 4"	340	400



SW 1/4, SW Sec 24 T3S R. 60E
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.
400 ft

Static Water Level for non-flowing Well 223 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 226 feet at 5 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested backing 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)

66
Driller's License Number
Henry Brand
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.

110191

Filed for Record

at 1:45 P.M.

JUN 7 1962

Ray Dickerson
County Clerk

Jan M. Bennett

pd \$ 2.00

File No. _____

T 35 R 60 E

DUPLICATE

County Custer

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

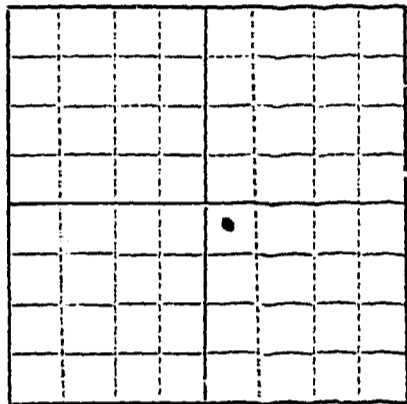
RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



NW 1/4 of
SE 1/4 Sec. 24 T. 35 R. 60 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 _____
watering livestock

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been 1961
continuous

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 2 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
none

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal
windmill
NW 1/4 of SE 1/4 Sec. 24 T. 35 R. 60 E

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater Fall of 1961

8. The depth of water table 12 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 drilled 4 inch depth 100 ft
130 ft

10. The estimated amount of groundwater withdrawn each year unknown

11. The log of formations encountered in the drilling of each well if available 0-10 ft shale
11-11 sand 11-130 shale

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

Signature of Owner R. L. Yates

Date Dec 18, 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.

12023

113169

Filed for Record
" 1/10 " P.

John M. Brewster

DEPT.
FEB. 2, 1900

File No. 113509

RECEIVED
FEB 28 1964

T. 35 R. 60E

County Carter

DUPLICATE

STATE ENGINEER
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

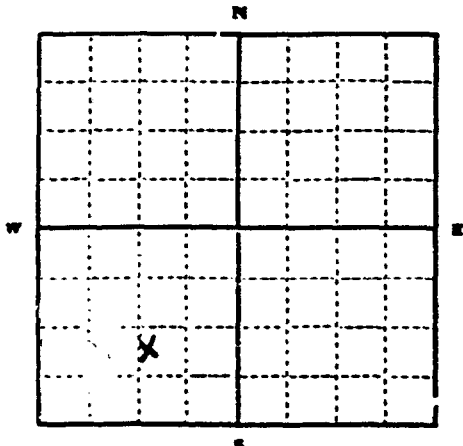
RECEIVED
FEB 22 1964

Blaze Place

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Frank Roadifer (Name of Appropriator), of Camp Crook (Address) South Dakota (Town)
County of Carter State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SW 1/4 Sec 7 T. 35 R. 60E

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 1913 continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 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 Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater This well was first dug in 1934
Re-worked in 1962

8. The depth of water table 15-20 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 1/2" 2' deep

10. The estimated amount of groundwater withdrawn each year What is needed to water skc

11. The log of formations encountered in the drilling of each well if available None 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
Re Aug 7 Dent think there's an info
on it.

Signature of Owner Frank Roadifer
Date Dec. 31, 1963

This document 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.

Return to the County Clerk and Recorder, or to the State Engineer. Triplicate to the Montana Bureau of Mines and Geology, 1400 N. 17th St., Helena, Montana. Appropriator

11 3509

Filed for Record

5.00 check B

DEC 31 1983

Jane M. Brunster
County Clerk

Deputy

Fee pd 2.00

RECEIVED

STATE ENGINEER

105278

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T 3 S R 6-E1

County Carter

WATER WELL LOG

		X

Owner Dave Gross Address Kalaska, Montana

Driller Merle R. Bandy Address Belle Fourche So. Dak.

Date Started 10-12-59 Date Completed 10-14-59

Location: Sec 4 T 3-S R 6-E 1/4 sec NE 1/4 of 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 63 ft. Type Black 11 lb. Size 4 Inch

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

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

Perforated or Screened: Ft. 21 to ft. 60 Ft. _____ to ft. _____

Type of screen or perforations Slots Cut with Torch

Static water level, for non-flowing well: 21 Ft. From Top _____ feet.

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

Pumping water level 55 feet at 2 gal. per min. 90%

How tested: Pumped

Length of test 1 Hour

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

Packed with Pea Gravel

(over)

File No. _____

T 3 S. R 61 E.

DUPLICATE

County Carter

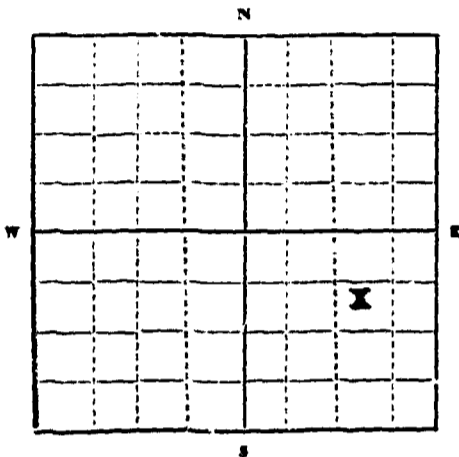
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Picnic Springs
ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NE 1/4 SE Sec. 1 T. 3S. R. 61E.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1938 continuous during the summer months

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

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

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

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

8. The depth of water table surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater water is collected in a spring box and piped through 1 1/4" pipe to the stock watering tank.

10. The estimated amount of groundwater withdrawn each year 216,000 gallons

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Recorded in files of U. S. Forest Service at Camp Crook, South Dakota

J. S. Forest Service
Signature of Owner [Signature]
District Ranger
Date 12-30-62

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.

110960

Filed for Record

at 4:00 P.M.

NOV 1 1962

Ray Dickerson

County Clerk

John M. Brewster

Deputy

Fee \$ 2.00

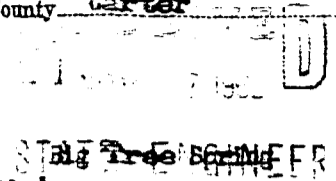
File No. _____

T 3 S. R. 61 E.

DUPLICATE

County Garter

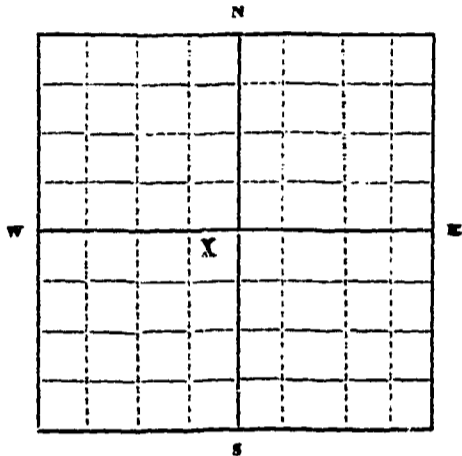
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



NE 1/4 SW Sec. 2 T 3S. R 61E.
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1938 continuous during summer months
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 gallon per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal spring box
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1938
8. The depth of water table surface
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater water is collected in a spring box and piped to stock watering tank
10. The estimated amount of groundwater withdrawn each year 140,000 gallons
11. The log of formations encountered in the drilling of each well if available not applicable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Recorded in files of U. S. Forest Service at Camp Crook, South Dakota

U. S. Forest Service
Signature of Owner [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.

110953

Filed for Record
at 4:00 P.M.

NOV 1 1962

Ray Anderson
County Clerk

Gene M. Brewster
Deputy

Fee \$ 2.00