

GW1

File No. ....

T 1N R 61E.

TRIPPLICATE

County Carter

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

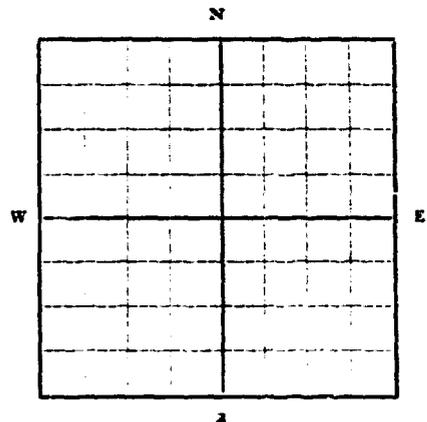
Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

- I. W. J. Knapp of Route # 101 Baker  
(Name of Appropriator) (Address) (Town)  
County of Carter, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.
- The beneficial use to which water is to be applied is domestic and stock watering  
purposes  
(describe lands to be benefited, if for irrigation)
- The rate of use in gallons per minute or miner's inches of groundwater claimed 12 gal.
- The annual period (inclusive dates) of intended use daily
- The probable or intended date of first beneficial use January 28, 1962
- The probable or intended date of commencement and completion of the well\* or wells\* January 28, 1962
- The location, type, size and depth of well or wells contemplated Lot 4 Sec. 1, Twp. 1N, Rge. 61 E. -inch- drilled- 412 feet deep.
- The probable or estimated depth of the water table or artesian aquifer 412 feet.
- Name, address and license number of the driller engaged 50  
Geo. F. Askin, Miles City, Montana
- Give such other similar information as may be useful in carrying out the policy of this act.

109750  
Filed for Record  
at 4:45 P.M.

MAR 7 1962  
Paul ...  
County Clerk



Lot 4 1/4 Sec. 1 T 1N R 61E.  
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator W. J. Knapp  
Date January 29, 1962

\* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with 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 School of Mines and Quadruplicate for the Appropriator.

1650

File No.

T. 10 N. R. 10 E

DUPLICATE

County Carter

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

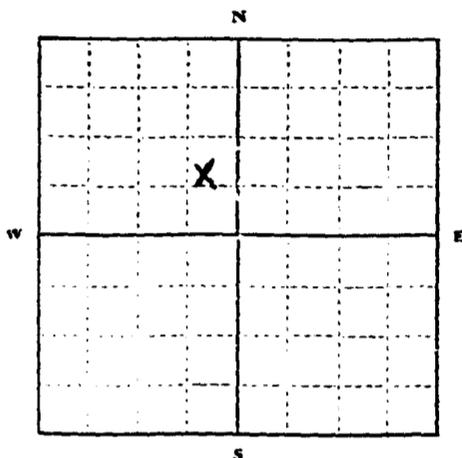
RECEIVED  
DEC 23 1963

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Donald E. Wollesen, of Mill Iron (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:



- 2. The beneficial use on which the claim is based: LIVE STOCK
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1949
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute): 10 gal
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: \_\_\_\_\_
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: WIND MILL

SE 1/4 NW Sec. 3 T. 10 N. R. 10 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: 1949
- 8. The depth of water table: 240
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: \_\_\_\_\_
- 10. The estimated amount of groundwater withdrawn each year: \_\_\_\_\_
- 11. The log of formations encountered in the drilling of each well if available: 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 Donald E. Wollesen  
Date 12-18-63

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

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

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

113110

Filed for Record  
at 2:40 *pm*

SEP 13 1968

*Jane M. Brewster*  
County Clerk  
*Collin M. A. Lee*  
Deputy

113505

File No. ....

DUPLICATE

T. 14 R. 41

County CHARTER

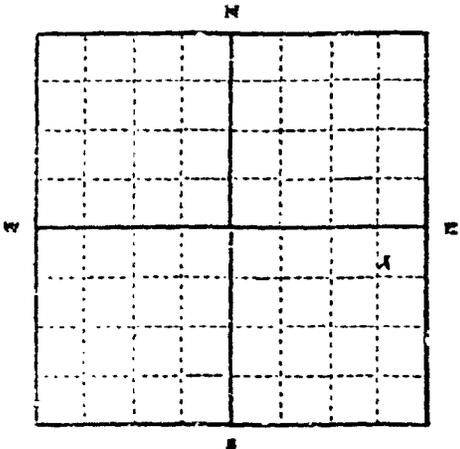
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

John BREMNER, of MILL IRON  
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. 5 T. 1 R. 41  
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 FARMSTEAD

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1945

8. The depth of water table 200

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  
25 FT. WINDMILL

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 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 Bremner

Date 10-1-63

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

25932

Filed for Record  
at 5:00 P.M.

Jane M. Brewster  
*Callie M. Stee*  
Deputy

Fee: \$2.00

File No. 113122

T 1 N R 61  
County Carter

DUPLICATE  
Fee \$2.00

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  
RECEIVED  
DEC 23 1963

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

(Under Chapter 237, Montana Session Laws, 1961)

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

0-5 dark sand  
15-15 shale  
15-25 blue shale  
25-32 water sand

Owner: Tom [unclear] Address: Mill Iron  
Driller: Henry Bryant Address: Chalchicomula

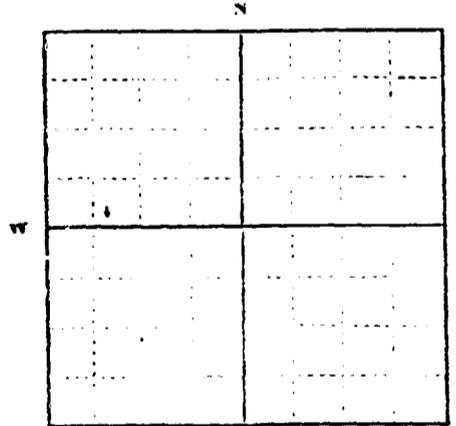
Date of Notice of Appropriation of Groundwater \_\_\_\_\_  
Date well started: July 26 Date Completed: July 26

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 Size	From (Feet)	To (Feet)
10"	8" 5 LB	0	32	Pound hole 3/4"	32	32



SW NW 8/11 61 E  
1/4 Sec. T. R.

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

Show exact depth of bottom.  
32 ft deep

Static Water Level for non-flowing Well: 27 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level: 27 feet at 7 gal. per minute.

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

How Tested: sanitary Length of Test: 1 hour

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

Driller's License Number: 66  
Driller's Signature: Henry Bryant

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.

RECORDED  
INDEXED  
RECEIVED

**Filed for Record**  
at 11:00 AM

DEC 19 1963  
Jane M. Brewster  
County Clerk

*Callie M. Stuey*  
Deputy

File No. ....

T 1 N R L 61 E

DUPLICATE

County Carter

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

1963

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Abon Jereb Address Mill Iron, Montana

Driller Ira C. Bond Address Terry, Montana

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

Date well started Sept. 11, 1949 Date Completed Sept. 16, 1949

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

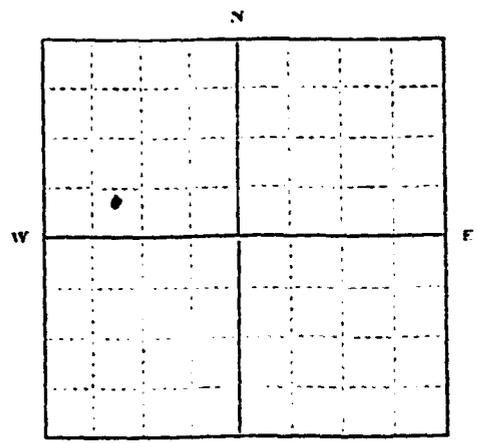
Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

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.



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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 3/4"	4" 1d 10.89 #	Surface	162'	Burned Hole 5/16	142'	162'



SW 1/4 NW Sec. 8 T 1 N R 61 E

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 112' feet.

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

Pumping Water Level 140' feet at 13 gal. per minute.

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

How Tested Pump Length of Test .....

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) .....

37  
Driller's License Number

Ira C. Bond  
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.

1000

112830

Filed for Record

at 3.30

*James M. Brewster*  
Deputy Clerk

Fee \$ 2.00

R  
STATE

101032

T. 1, N. R. 61, East  
County Carter

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

X		

Owner Frank Jereb Address Mill Iron, Montana  
 Driller Henry Brient Address Ekalaka, Montana  
 Date Started 7/23/57 Date Completed 7/26/57  
 Location: Sec. 8 T. 1, N. R. 61, E.  $\frac{1}{4}$  sec. SE 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: top ft. to 100 ft. Type Black tubing Size 4 in.

Casing: 96 ft. to 150 ft. Type Black tubing Size 3 in.

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 120 to ft. 150 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations 3/8 holes, 12 in. apart on 4 sides

Static Water level, for non-flowing well: 46 feet.

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

Pumping water level 41 feet at 13 gal. per min.

How tested: Bailing

Length of test 3 Hours

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

(over)



File No. **113209**

T. L. N. R. 61 <sup>E</sup>

DUPLICATE

*722.62.00*

**RECEIVED**  
DEC 3 1954

County CARTER

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground **STATE ENGINEER**

(Elev. above sea level \_\_\_\_\_)

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

(Under Chapter 237, Montana Session Laws, 1961)

*0-15 gumbo  
15-20 shale  
20-30 gravel mix  
30-52 sand mix*

Owner ANTON ROYER Address LIBRARY, PA.

Driller ANTON JEREB Address MILL TRON, MONT.

Date of Notice of Appropriation of Groundwater \_\_\_\_\_

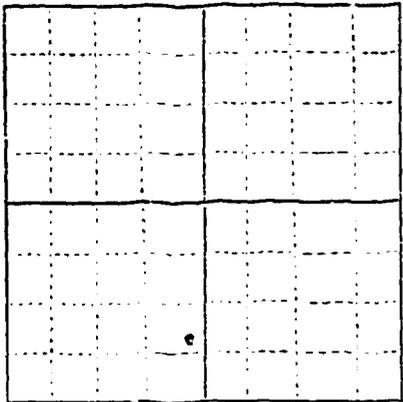
Date well started SEPT 1, 1954 Date Completed SEPT 4, 1954

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

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 in.	4 in. Galv. sheet metal	0	52	1/4 in.	30	50



NE 1/4 SW Sec. 9 T. 1. N R. 61. E

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

Show exact depth of bottom.

*52 ft deep.*

Static Water Level for non-flowing Well 30 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 30 feet at 6 gal. per minute.

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

How Tested per pump Length of Test 1 hr

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) \_\_\_\_\_

PRIVATE

Driller's License Number

Anton Jerreb  
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.

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Filed for Record

at 10:30 P.M.

Jane M. Brewster

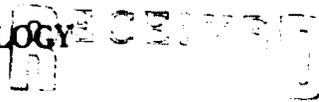
*Cally M. Stiles*  
Deputy

108200

T 1 N R 62 E

County Carter

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana



WATER WELL LOG

STATE ENGINEER


Owner Vernon Richter Address Enid, Montana

Driller Henry Briant Address Enid, Montana

Date Started June 27, 1961 Date Completed June 28, 1961

Location: Sec. 11 T. 1 N R. 62 E 1/4 sec. S. W. N. W.

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other: \_\_\_\_\_

Casing: 0 ft. to 139 ft. Type Steel pipe Size 4"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or ~~drilled~~ Ft. 42 to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations round hole

Static Water level, for non-flowing well: 36 feet.

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

Pumping water level: 23 feet at 8 gal. per min.

How tested: bailing

Length of test: 1 hour

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

(over)



107228

T. 1 N. R. 61 E.

County CATF

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER


Owner Ernest Wallstein Address Mill Iron, Montana

Driller Henry Briant Address Skalaka, Montana

Date Started August 4, 1960 Date Completed August 8, 1960

Location: Sec. 13 T. 1 N. R. 61 E. 1/4 sec. SWS

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 43 ft. Type Black tubing Size 6 In.

Casing: 0 ft. to 87 ft. Type Black tubing Size 4 In.

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: 30 feet.

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

Pumping water level 40 feet at 8 gal. per min.

How tested: bailing

Length of test 1 hour

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

(over)



107677

T. 1 North R. 61 East

County Carter

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER


Owner Ernest Knipfer Address Mill Iron, Mont.

Driller Henry Briant Address Ekalaka, Montana

Date Started April 2, 1960 Date Completed April 5, 1960

Location: Sec. 17 T. 1 North R. 61 E. 1/4 sec. S3SW

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 80 ft. Type Black tubing Size 4 In.

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. 3 to ft. 80 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations 1/2 in. holes

Static Water level, for non-flowing well: 30 ft from tap \_\_\_\_\_ feet.

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

Pumping water level: 40 feet at 15 gal. per min.

How tested: bailer

Length of test: 1 Hr.

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

(over)



File No.

T. 14 R. 61E

DUPLICATE

County Carter

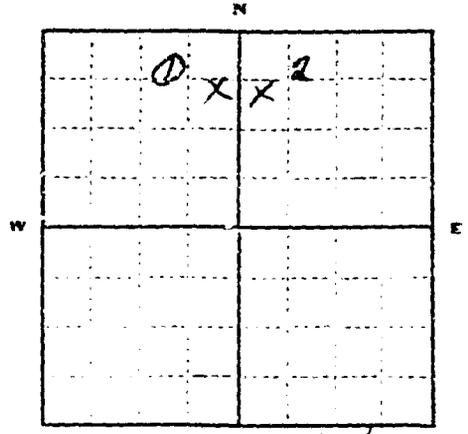
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 23 1963  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Donald E. Wallace, of 771 1/2 W. 1st (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 NW 21 14 61E

NW 1/4 NE Sec. 21 T. 14 N. R. 61 E

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

1. The beneficial use on which the claim is based house  
2 Live stock

2. Date or approximate date of earliest beneficial use; and how continuous the use has been  
1 1949  
2 1938

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 8 3/4  
2 11

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
1 1949  
2 1938

8. The depth of water table 1 60 ft 2 40 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

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

1 not available  
2 "

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 Donald E. Wallace  
Date 12-18-63

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

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

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

113109

Filed for Record  
2:40

1955

Jane M. Brewster  
County Clerk  
Cally M. Stier  
Deputy

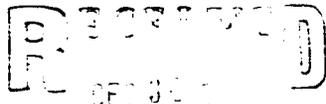
File No. 113186

T. 1N R. 61E.  
County: Carter

DUPLICATE

Fee \$2.00

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

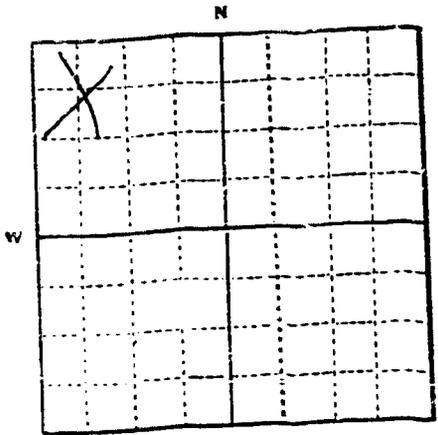


Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1962)

Ernest and Viola Wallstein, of Skalaka, Montana  
(Name of Appropriator) (Address) (Town)  
Carter

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



Nw 1/4, Nw Sec. 24, T. 1N R. 61E.

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 15, 1960.
- The amount of groundwater claimed (in miner's inches or gallons per minute): 25 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.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 1/4 inch casing, 130 feet deep. Electric pump. 1 inch pipe 100 feet deep.
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: August 15, 1960.
- The depth of water table: 60 feet.
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: 1/4 inch casing, 130 feet deep. Electric pump. 1 inch pipe. 100 feet deep.
- The estimated amount of groundwater withdrawn each year: not known.
- The log of formations encountered in the drilling of each well if available: not known.
- 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: Ernest Wallstein  
Date: December 20, 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 Mineral and Geology; and Quadruplicate for the Appropriator.

**Filed for Record**

at 9:00 o'clock A.M.

23

DEC 23 1963

Jane M. Brewster

County Clerk

*Callie M. [Signature]*

Deputy



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.

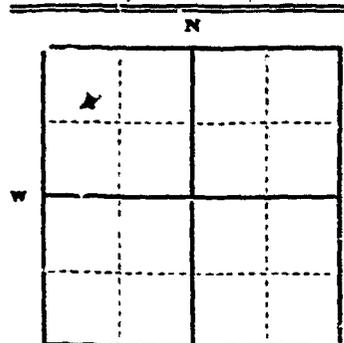
Owner FRANK A. EARLY  
Address 111 E. 1st St. Blaine, MT  
Date well started 7-7-72  
completed 4-1-72  
Type of well DRILLED  
Equipment used ROTARY  
Water Use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other  Garden/Lawn

For Administrator's Use  
File 134233  
Nov. 6, 1972 2:00p.m.  
GW 1

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

ESTIMATED ANNUAL WITH AL 867,600 gallons

Size of Drilled Hole	Size and Weight of Casing	To (Feet)	PERFORATIONS		
			Kind Size	From (Feet)	To (Feet)
<u>2 1/2"</u>	<u>10 1/4"</u>	<u>200</u>	<u>1 1/2"</u>	<u>212</u>	<u>252</u>



Static water level 150 ft.\*  
Pumping water level 210 ft.\*  
at 40 gallons per minute,  
measured 40 minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by 1 1/2 hours.  
Power 1/2 HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

NW 1/4 Sec 29  
R 61 E 1/4

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

Driller's Signature Frank A. Early  
Driller's Address Blaine, MT

LICENSE NO. 2

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	105	CLAY TOP SAND
105	124	TRIFURCATED COAL
124	136	CLAY SAND
136	151	CLAY SHALE
151	170	TRIFURCATED COAL
170	221	CLAY SAND
221	232	CLAY SAND
232	252	CLAY SAND
252	258	CLAY SANDY SHALE

Show exact depth of bottom

134233

CARTER COUNTY  
EKALAKA, MONTANA  
Filed for Record  
at 2:00 o'clock P.M.

NOV 19 1972

JANE M. BREWSTER

County Clerk

*Calley J. King*  
Deputy

Fee: \$2.00

File No. \_\_\_\_\_

T. 1 R. 61

DUPLICATE

County Carter

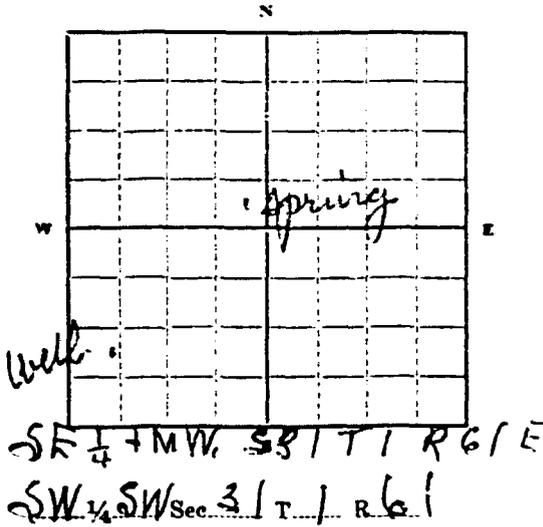
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

NOV 19 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Louis J. Peterson of Mill Iron, Montana  
(Name of Appropriator) (Address) (Town)  
County of Carter State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



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. 1941 Continuous

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Hand pump & gravity spring run

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1941 Commencement & Completion

8. The depth of water table. 250 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications, of any other works for the withdrawal of groundwater. 6" casing 350' 2" pipe & flange

10. The estimated amount of groundwater withdrawn each year. 175,000 gal from well

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. Louis J. Peterson  
Date. Nov-12 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.

112749

Filed for Record

at 4:50 P.M.

*Jane M. Brewster*  
County Clerk

Deputy

*F. J. O'Connell*

STATE WATER CONSERVATION BOARD

File No. \_\_\_\_\_

T. V R. H-E

JAN 16 1967

County CARTER

DUPLICATE

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

1 SURFACE  
7 TAN SAND & SANDY CLAY  
9 GRAY SANDY SHALE  
25 TAN & LIGHT GREEN SAND  
27 BLUE SANDY SHALE  
29 TAN & LIGHT GREEN SAND  
33 HARD BLUE SAND ROCK  
107 BLUE SAND STREAKS OF COAL & BLUE SANDY SHALE  
116 HARD BLUE SAND ROCK  
253 BLUE SAND STREAKS OF COAL  
344 WHITE & LIGHT BLUE SAND STREAKS OF COAL

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner KENNETH SPEELMAN Address WILLIAMS, MONT.  
Driller MARIE R. SANDY Address BELLE FOURCHE, S.D.

Date of Notice of appropriation of groundwater \_\_\_\_\_

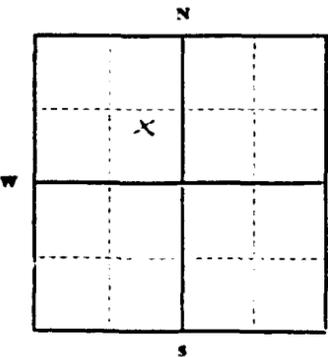
Date well started 12-29-66 Date completed 1-5-67

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)
5 7/8	4 in. E.O. 11 lb.	0	346	5 1/2" CUT WITH TORCH	306	336



Static Water Level for non-flowing well \_\_\_\_\_ feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 279 feet at 8 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) \_\_\_\_\_

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

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number 112

Driller's Signature Marie R. Sandy

118059

CARTER COUNTY  
ERILAKA, MONTANA

Filed for Record

at 4:30 P.M.

JAN 12 1967

*Jane M. Dunster*  
County Clerk

Deputy

Fee \$2.00

DUPLICATE NOV 21 1966

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 Geraldine Ann Arledge Address Mill Iron, Montana

Driller D. H. Baird Address Exalaka, Montana

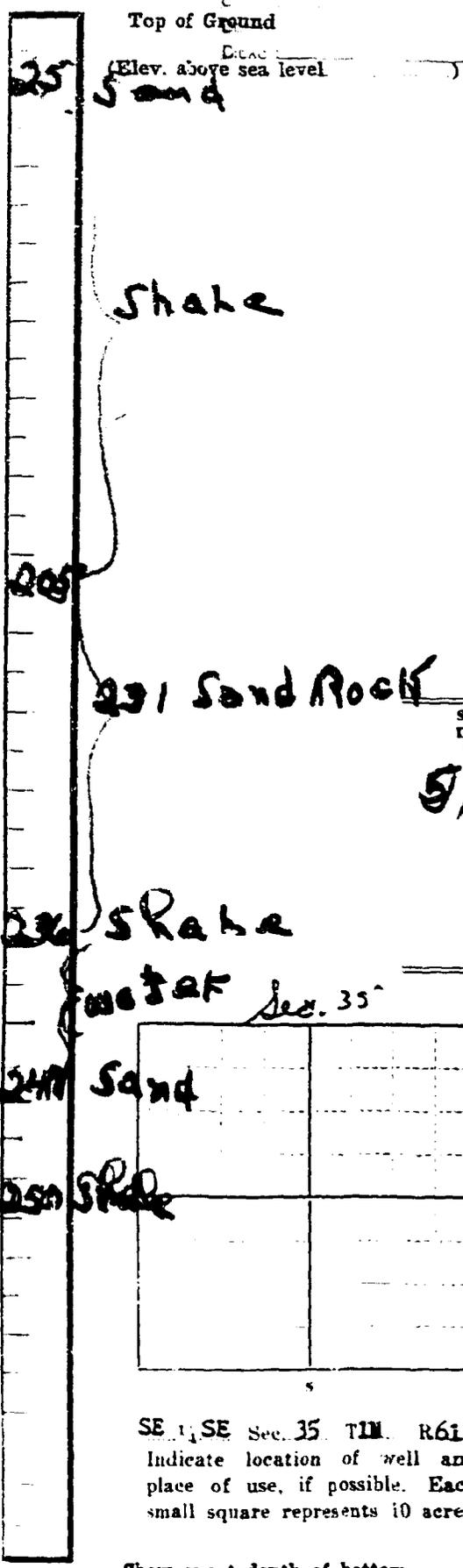
Date of Notice of Appropriation of Groundwater

Date well started 11-3-66 Date Completed 11-12-66

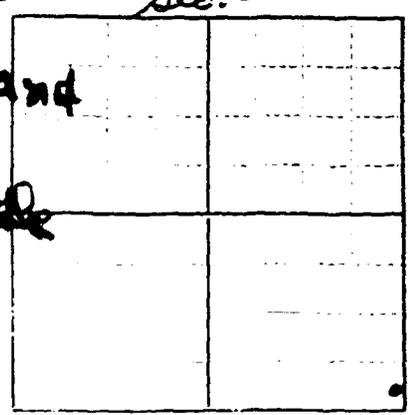
Type of well Drilled Equipment Used Rotary  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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 Size	From (Feet)	To (Feet)
5 1/2" 00	4 1/2" 00 11 LB	0	250	3/8"	220	250



SE 1/4 SE Sec. 35 T11N R61E  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well 225' feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 150 feet at 6 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested: Baker One Pump & Line Length of Test

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)

Cement at well top

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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

41,614

117882

CARTER COUNTY  
EKALETA, MONTANA  
Filed for Record

1045

NOV 15 1966

*John M. Brunster*  
County Clerk

Deputy

*fee \$2.00*



File No. ....

T 1N R 62E.

DUPLICATE

County Carter

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

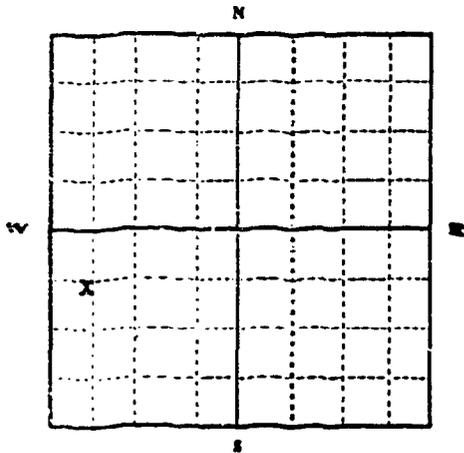
JAN 7 1964

Declaration of Vested Groundwater Rights

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Evelyn Most Knapp, of Route 101 Baker  
(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:



- 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 Prior to 1953. continuous since then.
- The amount of groundwater claimed (in miner's inches or gallons per minute) 25 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 Windmill 185 feet of 10 inch pipe 65 feet of 12 inch pipe.
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater started and completed prior to 1953.
- The depth of water table 20 feet.
- 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 Steel stock water tank.
- The estimated amount of groundwater withdrawn each year unknown.
- 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 A. S. C. at Ekalaka made Government payments, was drilled by George Askin.

NW 1/4 SW Sec. 7, T. 1N, R. 62E.

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

Evelyn Most Knapp  
Signature of Owner [Signature]  
Date Dec. 30, 1963.

This form 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.

25830

113388

Filed for Record  
at 4:05 P.M.

*James M. Brewster*  
County Clerk

1874

Fee \$ 2.00



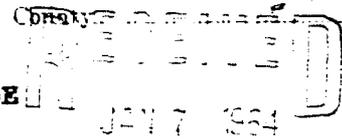
113340

File No.

T 15 R 35 E

DUPLICATE

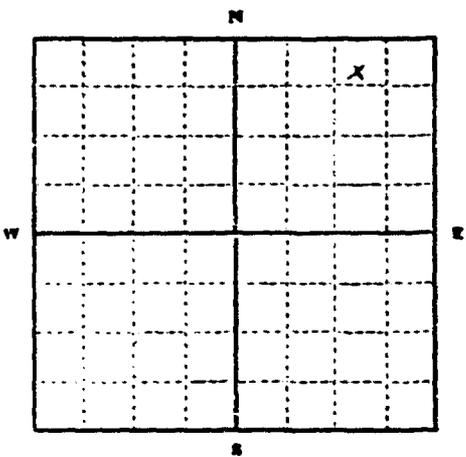
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER



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

Name of Appropriator \_\_\_\_\_ of \_\_\_\_\_ (Address) \_\_\_\_\_ (Town) \_\_\_\_\_  
County of \_\_\_\_\_ State of \_\_\_\_\_

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



1/4 Sec. 22, T. 15 R. 35 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 Well
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been NOV 63
- 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 STOCK
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal W, N & M 1 1/4

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater NOV 63
- 8. The depth of water table 125 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 DRIED 2 inch casing W, N & M 1 1/4
- 10. The estimated amount of groundwater withdrawn each year 4, 204, 800 gal
- 11. The log of formations encountered in the drilling of each well if available surface - 50 ft sand 50 ft 75 shale 75 - 105 rock 105 - 115 punch 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 Stevy Liss  
Date 12-30-63

This copy to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.  
If no 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 Mineral Geology, and Quadruplicate for the Appropriator.

25789

Filed for Record  
at 11:00 A.M.

Jane M. Brewster  
County Clerk  
*Callie M. Hill*  
Deputy  
Fee: \$2.00

File No. \_\_\_\_\_

T. \_\_\_\_\_ R. \_\_\_\_\_

DUPLICATE

*Steve Lass*  
Sec 4 Permit #  
M-3-4-1293

County *Carter*

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEER

RECEIVED  
FEB 10 1964

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

(Under Chapter 237, Montana Session Laws, 1961)

Bureau of Land Management Miles City Montana  
Owner: \_\_\_\_\_ Address: \_\_\_\_\_

Driller: *Steve J. Lass* Address: *Chalaco, Mont*

Date of Notice of Appropriation of Groundwater: \_\_\_\_\_

Date well started: *Nov 4 1963* Date Completed: *Nov 12 1963*

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

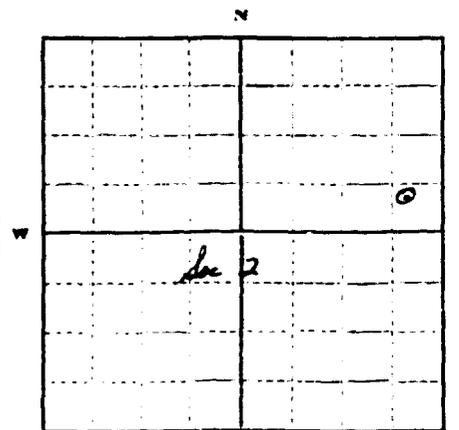
Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

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.

Top of Ground  
(Elev. above sea level *3180*)

*50-75 shale*  
*75-105 rock*  
*105-115 pink sand*  
*115-145 hard rock*  
*145-185 shale*  
*185-215 rock*  
*215-240 water sand*  
*240-251 shale*  
*250 Bottom of hole*

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<i>3 1/2"</i>	<i>3 inch galvanized pipe</i>	<i>Surface</i>	<i>250</i>	<i>2 1/2"</i>	<i>210</i>	<i>250</i>



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

Static Water Level for non-flowing Well: *125* feet.

Shut-in Pressure for Flowing Well: \_\_\_\_\_

Pumping Water Level: \_\_\_\_\_ feet at *7* gal. per minute.

Discharge in gal. per min. of flowing well: \_\_\_\_\_

How Tested: \_\_\_\_\_ Length of Test: *2 hrs*

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

Show exact depth of bottom

*3 1/2 inch galvanized pipe to 250 feet*  
*3 1/2 inch galvanized pipe to 251 feet*  
*Total cost \$1000.00*

Driller's License Number *10*

Driller's Signature *Steve J. Lass*

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.

34850

113801

RECEIVED  
FEB 7 1964

STATE ENGINEER

Filed for Record  
at 4:30 o'clock P.M.

FEB 7 1964

Jane M. Brewster  
County Clerk  
Cathy M. Stig  
Deputy

STATE WATER CONSERVATION BOARD

File No. NW 29 1965

T. 15 R. 55 E

County Carter

DUPLICATE

Butler, Coyne, Darlington, Dickert, McDermit, McNeely, Vernon, Sullivan, STATE OF MONTANA, ADMINISTRATOR OF GROUNDWATER CODE, OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Harold Burdick of Powderville

(Name of Appropriator)

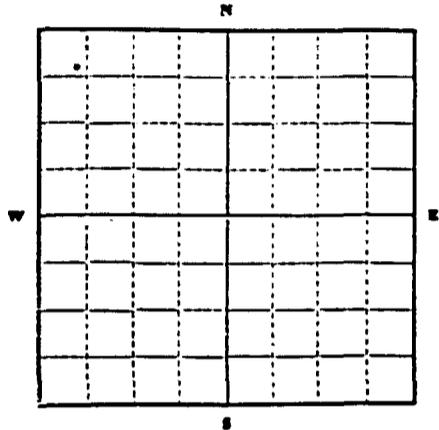
(Address)

(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 NW Sec. 5 T. 15 R. 55 E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gal.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1945

8. The depth of water table 40 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 none

10. The estimated amount of groundwater withdrawn each year 3,536,000

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 Harold Burdick

Date Nov 12, 1965

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

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

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

116415

CARTER COUNTY  
EMERALD MONTANA  
E. M. [unclear]  
at 320 [unclear]  
[unclear] 1965

James M. [unclear]  
County Clerk  
Deputy

Fee \$ 2.00

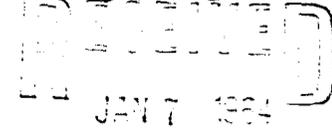
File No. 113305

T. 5 R. 55 E

DUPLICATE

County *Carter*

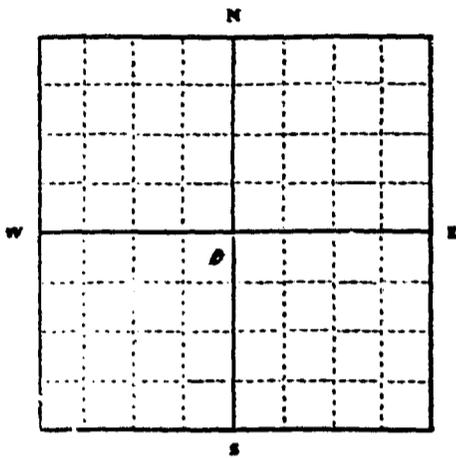
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER



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

*Sunset Galloway Ranch Inc.* of *Edgemoor*  
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. 7 T. 5 R. 55 E.

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

- 2. The beneficial use on which the claim is based  
*stockwater*
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
*winter 1956 mainly*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
*all*
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

*windmill*

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
- 8. The depth of water table *120*
- 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 3 inch casing*
- 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

*Sunset Galloway Ranch Inc.*  
Signature of Owner *Odie Watkins Pres.*

Date *Dec 31 - 1963*

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

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

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

25812

Filed for Record  
at 2:30 P.M.

DEC 17 1908

Jane M. Brewster

*Callie M. Stutz*  
County Clerk  
Dover

Fee: \$2.00

STATE WATER CONSERVATION BOARD

File No. NOV 29 1965

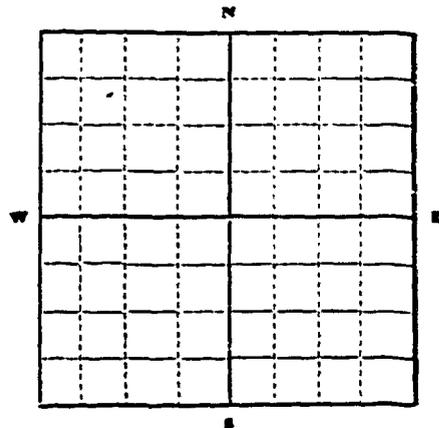
T 15 R 55E  
County Carter

DUBUCATE \_\_\_\_\_ McDermott \_\_\_\_\_  
 Bu \_\_\_\_\_ McNitt \_\_\_\_\_ STATE OF MONTANA  
 Co \_\_\_\_\_ Morton \_\_\_\_\_ ADMINISTRATOR OF GROUNDWATER CODE  
 Darlington \_\_\_\_\_ Sullivan \_\_\_\_\_  
 Dickert \_\_\_\_\_ OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Harold Burdick of Powderville  
 (Name of Appropriator) WYSTER (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:



NN 1/4 NW Sec 10 T15 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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1955
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal WINDMILL
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1955
8. The depth of water table 20 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 2,624,000
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 Not available

Signature of Owner Harold Burdick

Date Nov 2, 1965

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

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

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

116416

CARTER COUNTY  
DEPT. MONTANA

Filed for Record

at 3:20 P.M.

NOV 21 1935

*James M. Brewster*  
County Clerk

Deputy

Fee \$ 2.00

File No. 113339

T. 15 R. 55 E.

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

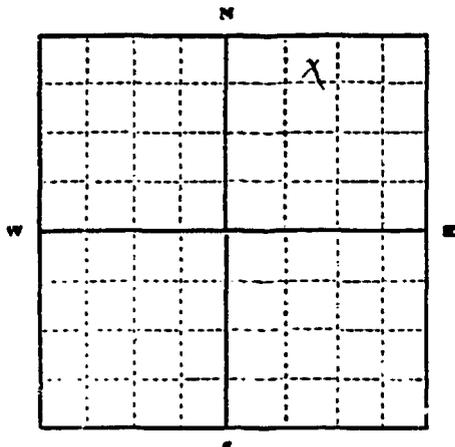
County Carter  
**RECEIVED**  
JAN 7 1964

**Declaration of Vested Groundwater Rights** STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Steve J. Liss, of Ekalaka, Montana  
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. 1 T. 15 R. 55 E

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

- 2. The beneficial use on which the claim is based Domestic
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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 2 acres
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal windmill

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

8. The depth of water table 170 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled 2 in 210 feet Windmill

10. The estimated amount of groundwater withdrawn each year 52,560,00

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 Steve J. Liss  
Date 12-30-63

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.

25788

Filed for Record

at 11:00 A.M.

DEC 30 1964

Jane M. Brewster

*Calla M. Stey*

Deputy

Fee: \$2.00

File No. ....

T. 13 R. 55E.

DUPLICATE

County Carter

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

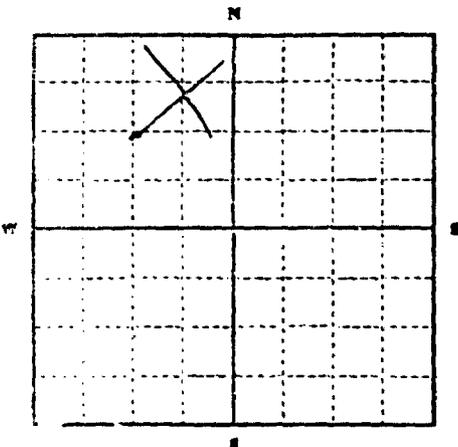
RECEIVED  
DEC 23 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Albert Thompson, 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:



NE 1/4 NW Sec. 21 T. 13R. 55E.

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 is watering livestock.
- Date or approximate date of earliest beneficial use, and how continuous the use has been: 1948 continuous since then.
- The amount of groundwater claimed (in miner's inches or gallons per minute): 12 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: ---
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 3 inch cylinder 140 feet deep  
1 1/2 inch pipe windmill.

- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1948
- The depth of water table: 150 feet
- 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: 12 foot stock water tank  
10 foot sheep tank.
- The estimated amount of groundwater withdrawn each year: not known.
- The log of formations encountered in the drilling of each well if available: not known.
- 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 Albert Thompson  
Date December 17, 1963

This declaration shall be recorded with the County Clerk and Recorder of the county in which the well is located.

This form is for the State Engineer. If not applicable, so state, otherwise the form will be returned.

This form is to be filed with the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Geology and Mineral Resources for the Appropriator.

11170

118152

FILED FOR RECORD  
at 4:00 P.

*John M. Benator*  
Deputy Clerk

Deputy

7-2-2000

File No. ....

T. 13 R. 55E.

DUPLICATE

County Carter

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 23 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Albert Thompson

Ekalaka

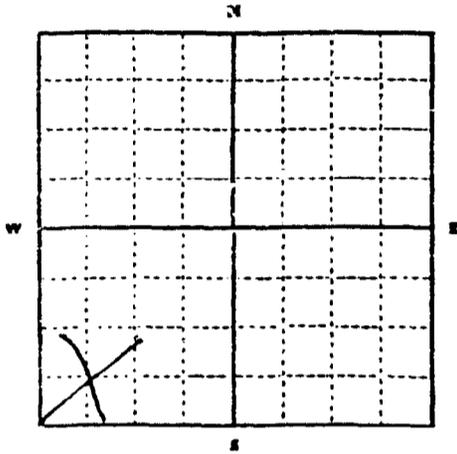
(Name of Appropriator)

(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 Sec 22 T 13 R 55E.

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

- 2. The beneficial use on which the claim is based watering of livestock.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1951
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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 Does not apply.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 4 inch casing 140 feet deep

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

8. The depth of water table 140 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 inch casing 140 feet deep.

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 Does not apply.

Signature of Owner

*Albert Thompson*

Date

December 17, 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.

11167

113149

4.00 P.

*John M. Brewster*

Receipt 2.00

File No. ....

DUPLICATE

T. 13 R. 55E.  
County

RECEIVED  
DEC 23 1963

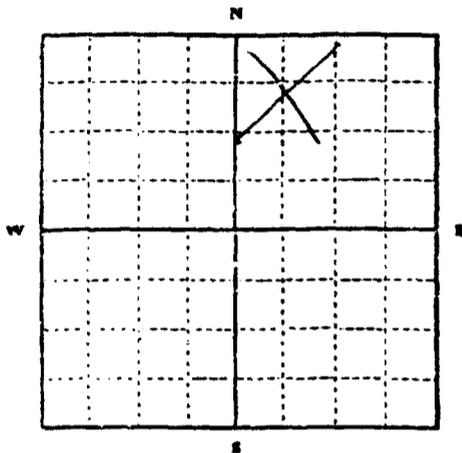
STATE ENGINEER

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Albert Thompson, of Ekalaka  
(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:



N 1/4 NE Sec. 27 T. 13 R. 55E.

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

- 2. The beneficial use on which the claim is based watering livestock.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1941, continuous since then.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof ---
- 6. The means of withdrawing such water from the ground, and the location of each well or other means of withdrawal 1 1/2 inch pipe - gasoline motor - water tank.

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1941
- 8. The depth of water table 30 feet
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 1 1/2 inch pipe 180 feet 4 inch casing.
- 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 ---

*Albert Thompson*  
Signature of Owner  
Date December 13, 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 enclose all pertinent maps. 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 Planning Bureau at Missoula and Geological Quadrangle for the Appropriator.

113151

Filed for Record  
at 4:00 P.M.

*John M. Bunker*

Deputy

Fee \$ 2.00

27

File No. ....

T. R. 55E

DUPLICATE

County Carter

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEER

RECEIVED  
AUG 29 1963  
STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)

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

Surface to 40' clay  
40' to 50' 20 inch sand and gravel  
50' to 65' clay  
65' to 85' ft hard rock  
85' to 150' sand rock  
150' to 155' gravel  
155' to 165' sand rock  
165' to 179' water sand

Owner ALBERT THOMPSON Address EKA 12 KA

Driller STUART LISS Address EKA 12 KA

Date of Notice of Appropriation of Groundwater \_\_\_\_\_

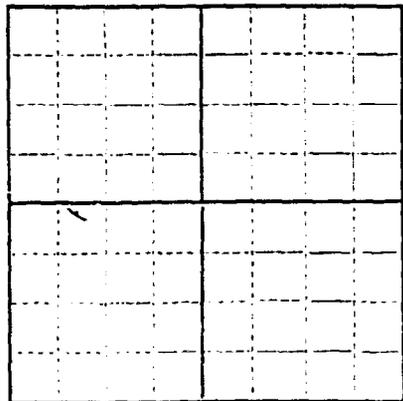
Date well started Aug 1st - 63 Date Completed Aug. 20th 63

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 Size	From (Feet)	To (Feet)
6 inch	4 inch inside well casing 11 lb pipe	Surface	179	cut with utility torch	139	179



Section 27 T. 11 R. 55E  
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..... 124 feet.

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

Pumping Water Level..... 6.6 feet at 10 gal. per minute.

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

How Tested level 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).....

60  
Driller's License Number

Stuart G. Liss  
Driller's Signature

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

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

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

557

112288

**Filed for Record**

at 9:10 A.M.

AUG 28 1955

*James M. Brewster*  
County Clerk

Deputy

Fee \$2.00

29  
GW -

NOV 29 1966

File No. \_\_\_\_\_  
Filed: \_\_\_\_\_ 19\_\_\_\_  
at \_\_\_\_\_ . M.

Notice of COMPLETION of Groundwater Twp. 15 Rge 55 E  
Appropriation by Means of Well  
Clerk and Recorder Powder River County (Under Chapter 237, Montana Session Laws, 1961)

OWNER Earl Mc Gill & Sons Address Powderville, Mont.

Top of Ground -  
Elev. above sea level. DRILLER Earl Irane Address Br oadus, Mont.

Date of Notice of Appropriation of Groundwater \_\_\_\_\_

Date well started Nov. 1966 Completed Nov. 1966

Type of Well drilled rotary Equipment Used rotary  
(dug, driven, bored, drilled) (churn, drill, rotary, etc)

Water Use: Domestic ; Municipal ; Stock ; Other ;  
Industrial ; Drainage ; Irrigation

0 7 sandy clay  
7 35 yellow sand  
35 75 blue shale  
75 107 sand  
107 135 shale  
135 178 sandy shale  
178 179 rock  
179 240 shale  
240 260 sand  
260 262 grey shale

Indicate on diagram character and thickness of different strata met in drilling -i, soil, clay, shale, gravel, rock, sand. Show depth at which water is found, thickness and character of water-bearing strata and height to which water rises in well.

Size of Drilled Hole	Size and Weight of Casing	From (feet)	To (feet)	Perforations		
				Kind Size	From (feet)	To (feet)
6"	4" I.D. 9 1/4	0	262	1/2 x 4" slots	232	262

Static Water Level for non-flowing well 160 feet

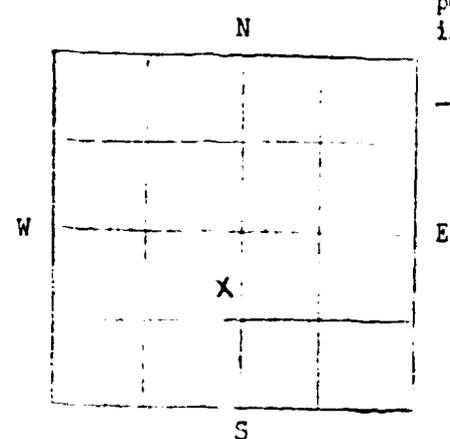
Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 190 feet at 7 gal. per minute.

Discharge in Gal. per min. of flowing well \_\_\_\_\_

How Tested air lift Length of Test 15 hrs.

Remarks: (Gravel packing, cementing, packers, type of shut-off, location of use if not at well, other similar pertinent information, including number of acres irrigated, if any.)



Sec 29, Twp. 15, Rge 55 East.

20  
Driller's License NO.  
Earl Irane  
Driller's Signature

STATE OF MONTANA)  
County of Powder River) ss.

Earl Mc Gill having first been duly sworn, deposes and says that he is of lawful age and the appropriator and claimant of the order and water right mention in the foregoing notice of completion of groundwater appropriation by means of 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.

Owner's Signature Earl Mc Gill

Subscribed and sworn to before me, this 25 day of Nov, 1966.

John A. [Signature]  
Clerk and Recorder

41.235

117912

RECORDED  
INDEXED  
ord  
9:30  
JUL 25 1966  
*John M. Dunster*  
County Clerk  
Deputy

*Jul 200*

File No. 117684

T. 1 S. R. 55 E

DUPLICATE

OCT 24 1966

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

County Carter

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

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

(Under Chapter 237, Montana Session Laws, 1961)

Surface to 30' rock  
30' to 35' clay  
35' to 65' rock  
65' to 85' shale  
85' to 115' lime stone  
115' to 135' shale  
135' to 155' lime stone  
155' to 195' shale  
195' to 225' rock  
225' to 248' water sand

Owner Albert Thompson Address E K & I A K &  
Driller Steve J Liss Address E K & I A K &

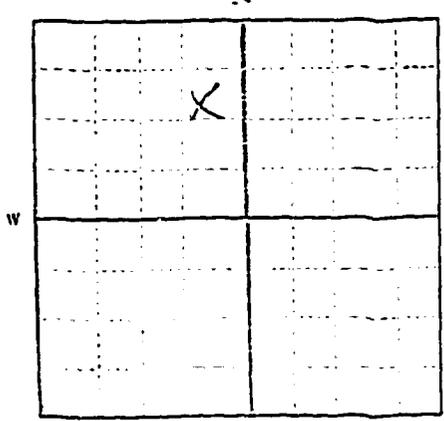
Date well started Sept 23-66 Date Completed Oct 9th 66

Type of well drilled Equipment Used rotary  
(Churn, drill, rotary or other)

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 inch	4 inch 11 lb. per foot	surface	248	cut with cutting tool	208	248



N. E. 1/4 Sec. 34 T. 1 S. R. 55 E  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well 150 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 90 feet at 15 gal. per minute.

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

How Tested water Length of Test 6 hours

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

Show exact depth of bottom.  
248' ft Drilling @ 2. per ft. \$496.00  
248' ft 4 inch casing @ 2. per ft. 496.00  
total cost, \$992.00

Driller's License Number 60  
Driller's Signature Steve J Liss

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.

41541

117684

CASSER COUNTY  
EUREKA, MONTANA

Filed for Record

at 11:45 A.M.

OCT 21 1966

*Joe M. Swartz*  
County Clerk

Deputy

Fee \$2.00