

129801

CARTER COUNTY  
FERNIA, MONTANA

Filed for Record

at 11:50 A.M.

DEC 21 1970

*James M. Brewster*  
County Clerk

Deputy

*Fee \$ 2.00*

# 113456 Filed,  
Dec 31, 1963,  
at 2:00 P.M.  
Clerk and Recorder  
\$2.00 fee paid

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Twp 14 N. 8, Rge 29 E

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Ellis J. Burch, of Chalaka, 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:

	Sec. 30	Sec.	Sec.	Sec.	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Basis of						
2. Beneficial Use	Home Use	Spring	Spring	Stock		
		Stock water	Stock water	water		
DATE DRILLED						
3. How continuously used	Home					
Amount Claimed						
4. (gal. per minute)	15					
Irrigated description	0	30-29	5-29-30			
Irrigation owner						
5. Irrigated acreage		80	80			
Location (40 acres)	SW NE	NW NE	NW NW	SW SW		
6. Withdrawal means	Electric Pump					
7. Completion date						
8. Water depth table	20					
Type (drilled or dug)	drilled					
9. Size & Depth	4' 80					
Estimated annual						
10. amount withdrawn						
11. Other information						
12. Log, if available						

STATE OF MONTANA)  
County of Powder River) ss.

Signature of Owner:

Ellis J. Burch  
Chalaka, Mont  
Date Jan 7, 1964

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

day of \_\_\_\_\_, 19\_\_\_\_.

Clerk & Recorder, Powder  
River County, Broadus, Montana

Ellis J. Burch  
Chalaka, Mont.

25884

County CATER

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 Ellis Birch

Address Ekalaka, Mont.

Date well started 10-15-73

completed 10-12-72

Type of well Dairied

**(Dug, driven, bored or drilled)**

Equipment used RoTary

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

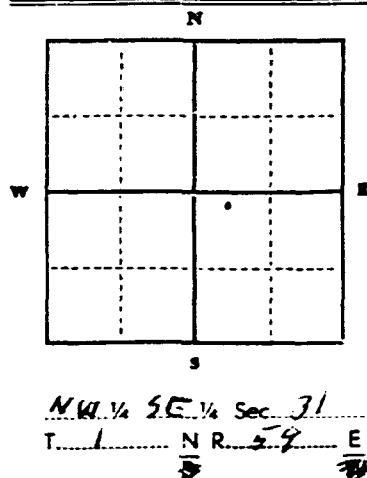
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

**\*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). 1 acre

ESTIMATED ANNUAL WITHDRAWAL 1,089,000 gals/yr

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 3/8	4 in I.D. 10.49	0	101	shots cut with torch	40	92



Static water level 41 ft.\*  
Pumping water level 34 ft.\*  
at 8 gallons per minute,  
measured 6.0 minutes after pumping  
began.

\*Measured from ground level.

Well developed by A.A.

for 2 hours.

Power ELEC Pump LG HP

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

Travel packages

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

Driller's Signature Mark A. Candy

Driller's Address Belle Fourch, S. D.

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)

[illegible]

99 Show exact depth of bottom

5,748

134221

CARTER COUNTY  
Ekalaka, MONTANA  
Filed for Record  
at 1:30 o'clock PM  
NOV 1 1972

JANE M. BREWSTER  
Cathy Stiles County Clerk  
Deputy

Fee: \$2.00

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

T. 14 R. 59E

DUPLICATE

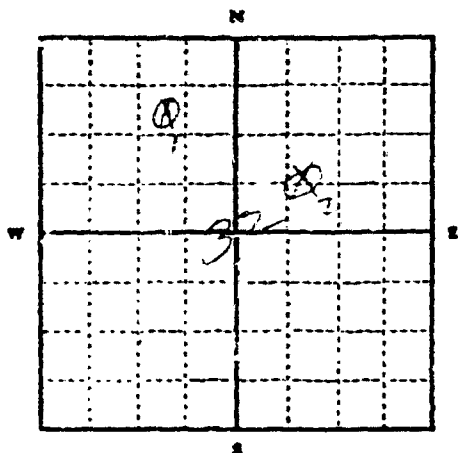
County Carter

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Keith Taylor of Chalissa  
(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, 1963, as follows:



1/4 Sec 32 T. 14 R. 59E

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

2. The beneficial use on which the claim is based Household & livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been No. 1 1954 Household  
No. 2 1960 Stockwater
4. The amount of groundwater claimed (in miner's inches or gallons per minute) No. 1 15 gal per min.  
No. 2 15 gal per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
No. 1. Electric Pump  
No. 2 Windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater No. 1 1954  
No. 2 1960
8. The depth of water table 80 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater No. 1 4" casing, 80 feet deep  
No. 2 4" casing 130 feet
10. The estimated amount of groundwater withdrawn each year 10,000 gallons
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Keith Taylor  
Date Dec 31, 1963

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

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

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

25901

113470

Filed for Record  
3:15 P.M.

*James W. Brewster*  
County Clerk

Deputy

*Feb 25*

106921

T. 1 N. R. 59 E.

County CARTERMONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

## WATER WELL LOG


Owner L. C. Breeding Address Elkalaka, MontanaDriller Henry Briant Address Elkalaka, MontanaDate Started 9-19-60 Date Completed 9-23-60Location: Sec. 33 T. 1 N. R. 59 E.  $\frac{1}{4}$  sec. SEWType 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 191 ft. Type Black pipe Size 4 In.

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

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

Perforated or Screened: Ft. 50 to ft. 140 Ft. \_\_\_\_\_ to ft. \_\_\_\_\_Type of screen or perforations Round holesStatic Water level, for non-flowing well: 116 feet.

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

Pumping water level 150 feet at 16 gal. per min.How tested: BalingLength of test 4 hours

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

(over)

## Log of Well

[illegible]



County Calte 13

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 Louise Bending

Address 

Mont

Date well started 6-29-71

completed 6-29-71

Type of well Drilled

(Dog, driven, bored or drilled)

Equipment used Boeing

(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

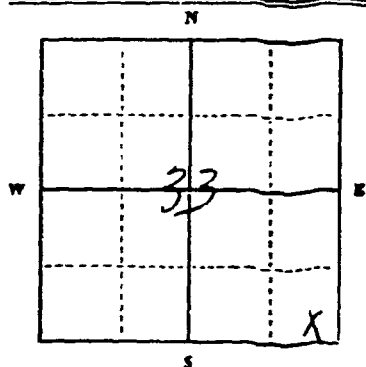
Industrial ☒ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe the shell

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 Coating	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 in.	5 in	0	120	Plastic 5 in	120	100



Static water level ..... 50 ..... ft.  
Pumping water level ..... 50 ..... ft.  
at ..... 10 ..... gallons per minute,  
measured ..... minutes after pumping  
began.

\*Measured from ground level.

Well developed by -----

for ..... hours. **balling**

Power 2 Pump            HP

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

SE  $\frac{1}{2}$  SE  $\frac{1}{4}$  sec 3.3

T. 1 NR. 59 E

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

Driller's Signature Yusef D. Baird

Driller's Address Phil B. G. Munt

Box 475

LICENSE NO 72

**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)

[illegible]

120 Show exact depth of bottom

48684

130377

//  
**CARTER COUNTY**  
**EXALAKA, MONTANA**  
Filed for Record  
at 9:45 o'clock AM

JUN 30 1971

James M. Brewster  
County Clerk

fee \$2.00

107853

T 1 N. R 59 E.

County CARTER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, MontanaRECEIVED  
APR 11 1961

## WATER WELL LOG

STATE ENGINEER


Owner L. Breeding Address Ekalaka, Montana

Driller Henry Briant Address Ekalaka, Montana

Date Started April 6, 1961 Date Completed April 7, 1961

Location: Sec 34 T 1 N. R 59 E. 1/4 sec. SWSE

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 42 ft. Type Steel pipe Size 6 in.

Casing: 42 ft. to 110 ft. Type Steel pipe 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: 45 feet.

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

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

How tested: baler

Length of test 1 hour

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

(over)

## Log of Well

[illegible]

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

T 1 N R 59 E

DUPLICATE

MONTANA WATER RESOURCES BOARD

County Carter

LOG

**RECEIVED**

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

JUL 2 1969

Top of Ground

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

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

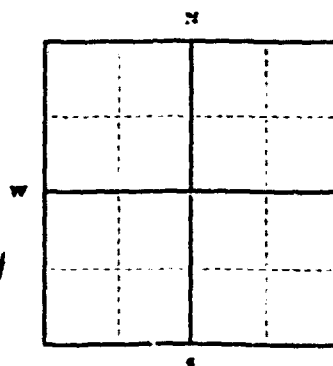
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Louis Breeding Address Ekaleka, Mont.Driller Ed R. Sikorski Address Ekaleka, Mont.Date of Notice of appropriation of groundwater June 1, 1969Date well started June 9, 1969 Date completed June 19, 1969Type of well bored 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)
18"	12" steel	4	75	1/8" vertical slots	60	75



Static Water Level for non-flowing well

\_\_\_\_\_ 43 \_\_\_\_\_ feet

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

Pumping Water Level \_\_\_\_\_ 63 \_\_\_\_\_ feet

at \_\_\_\_\_ 1 1/2 \_\_\_\_\_ gal. per minute.

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

How Tested balerLength of Test 1 hr.

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff) packed with2000-lbs. washed pea sizedgravel.

SW 1/4 Sec 24 T1 N 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.

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.

115  
Driller's License Number

Ed R. Sikorski  
Driller's Signature

45391

123251

CARTER COUNTY  
EXALAMA, MONTANA

Filed for Record

at 3:00 P.M.

JUL 1 1969

*James M. Brumby*  
County Clerk

Deputy

*Feb 2 1970*

## GROUNDWATER INDEX

Page 1 of 1

County CARTER Twp. IN Pge. 60 E

[illegible]

File No. 113123

T.1.N. R. 60 E

DUPLICATE

Fee: \$2.00

County CARTERSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEERRECEIVED  
DEC 23 1963  
STATE ENGINEERNotice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

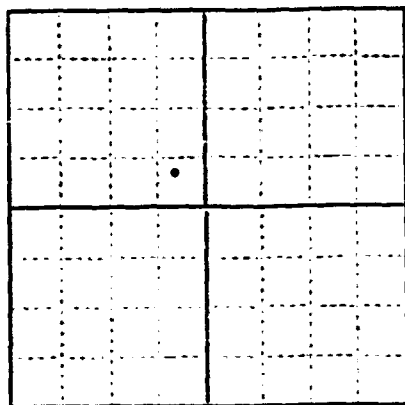
Owner ANTON JEREB Address MILL IRON, MONT.  
SELF " " " " " "  
Driller " " " " " "

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

Date well started FEB. 1, 1955 Date Completed FEB. 4, 1955Type of well BORED Equipment Used HAND TOOL  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) 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

SW 1/4 NE Sec. 1<sup>s</sup> T.1.N. R. 60 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 35 feet at 5 gal. per minute.

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

How Tested 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 Jerab  
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.

11144



NEW YORK  
COUNTY  
CLERK  
RECEIVED

Filed for Record  
11:00 o'clock A.M.

DEC 19 1963  
Jane M. Brewster  
County Clerk  
*Cathy M. L...*

G

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

File No. 113029

T. 1 N. 2 R. 60 E

DUPLICATE

County CARTER

Fee: \$2.00

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

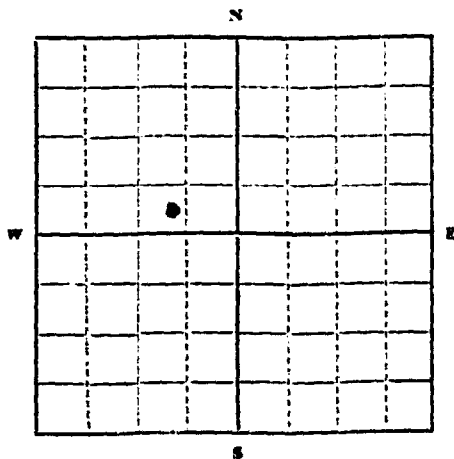
RECEIVED  
DEC 20 1963

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. IVAN JARDEE, 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:



SE 1/4 NW Sec. 2, T. 1 N. 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 Ranch Headquarters  
Household, Garden, Livestock

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been Apr. 1960 Every day  
CONTINUOUS

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

5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
NO

6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal  
Electric 3/4 H.P. 220 volt Submersible Pump  
Pump depth 180 ft.

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater April 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 drilled well 5 in. hole 4 in. steel casing  
540 ft. deep, (water draw down depth at 13 gal per minute)  
150 ft.

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

11. The log of formations encountered in the drilling of each well if available first water 125 ft  
alkali sand flow 220 ft. dark water, third flow 360 ft. no good  
fourth flow 530 ft. 16 ft. water sand depth well 540 ft.  
very good soft water

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

Signature of Owner

Ivan Jardee

Date

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

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

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

10650

Filed for Record

at 1:45 o'clock P.M.

DEC 13 1963

Jane M. Brewster

County Clerk

*Cally M. Stier*  
Deputy

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

DUPLICATE

T. 14 N. R. 60 E

County Carter

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
STATE ENGINEER

Top of Ground

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

# Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Wilton Newberry Address MillhornmontDriller Sherry Brant Address Chalaka

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

Date well started Sept 14 Date Completed Sept 17

Type of well drilled Equipment Used Rotary  
(dug, driven, bored or (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.

0-10 ft top soil  
10-30 yellow sand  
30-45 shale  
45-50 hard sand rock  
50-55 hard coal  
55-58 light shale  
58-61 hard rock  
61-72 dry sand  
72-110 light shale  
110-115 coal  
115-130 blue shale  
130-155 light shale  
155-159 coal shale  
159-160 blue  
160-190 sand shale  
190-220 light shale  
220-250 blue shale  
250-255 hard rock  
255-270 water sand

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	4" 11 pound	0	270	round hole	230	270
				1/4"		

Static Water Level for non-flowing Well 31 ft feet.

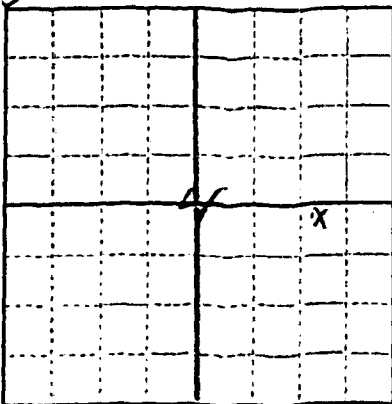
Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 40 feet at 15 gal. per minute.

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

How Tested balancing 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)



NE 1/4 SE Sec. 4 T. 14 N. R. 60 E

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

Show exact depth of bottom.

270 ft deepDriller's License Number 66Driller's Signature Sherry Brant

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

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

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

2069

110731

Filed for Record

at 2:30 o'clock P.M.

SEP 28 1962

*Ray Dickerson*  
County Clerk

*Gene M. Bruner*  
Deputy

*Fee paid \$2.00*

GW

Approved Stock Form—State Publishing Co., Helena, Montana—19089

File No. 113027

T. 14 N. R. 60 E

DUPLICATE

County CARTER

Fee: \$2.00

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

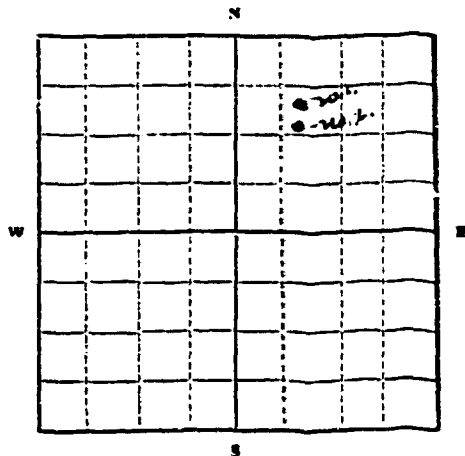
RECEIVED  
DEC 20 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. IVAN JARDEE, 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:



NW 1/4 Sec. 11, T. 14 N. 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 Livestock3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1955  
Continuous Wells 1. & 2.4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallons 1. & 2.5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
No.6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Electric Motor & Pump Jack  
Wells 1. & 2.7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well 1. was June 1950  
Well 2. was May 19478. The depth of water table. 15 ft9. 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 5 1/2 inch 4 inch steel casing  
1. & 2. wells10. The estimated amount of groundwater withdrawn each year 500,000 gallons 1. & 2.11. 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 Ivan JardeeDate 12-13-63

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.

16612

Filed for Record  
at 4:15 PM

DEC 13 1963

Jane M. Brewster  
County Clerk  
*Cally M. [Signature]*  
Deputy

129448

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.

Owner

Address Mill Iron, Montana

Date well started june 26 25, GW 1

completed june 26, 1970

Type of well ~~XXXXXXXXXXXX~~ drilled  
(Dug, driven, bored or drilled)

Equipment used rotary (Choose dial, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

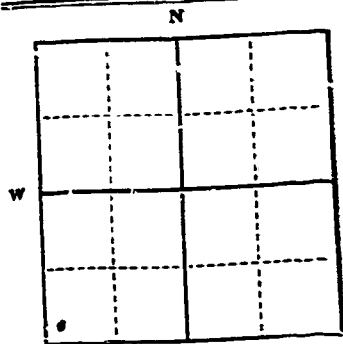
**\* Describe**

\* 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**

ESTIMATED ANNUAL WITHDRAWAL						
Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7 7/8	4 inch id 10.01#	0	55	1/2 cut with cutting torch	40	55



SW 1/4 SW 1/4 Sec. 12

T. 1 N R. 40 E

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

Driller's Signature \_\_\_\_\_

Driller's Address Mark B. Jennings  
Ekalaka, Montana

Static water level 22 ft.\*  
Pumping water level 39 ft.\*  
at 8 gallons per minute,  
measured 30 minutes after pumping  
began.

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

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

rubber packer  
set @ 25¢.

LICENSE NO....~~201~~

### 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)

[illegible]

55

Show exact depth of bottom

46665



128448

CARTER COUNTY  
Ekalaka, MONTANA  
Filed for Record

at 9:00 o'clock A.M.

JUL 13 1970

JANE M. BREWSTER

County Clerk

*Cally M. Stiles*

7-11-72

ESTIMATED ANNUAL WITHDRAWAL

800 gals

7 7/8

14  
10.01/

0

55

1/2  
with  
water

40

55

PROPORTIONS

Static water level

Pumping water level

at ... gallons per minute

County CUSTER

STATE OF MONTANA  
DEPARTMENT OF WATER OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

RECEIVED

## 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 227 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 School Dist #46Address Mill Spur, Montana

For Administrator's Use

July 13, 1970  
12:44 P.M.

Date well started June 26, 1970 GW 1completed June 26, 1970Type of well Electrically Drilled

(Aug. driven, bored or drilled)

Equipment used Rotary

(Cable drill, rotary or other)

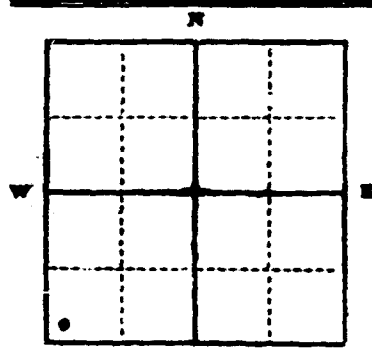
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*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 8000 gals

Size of Drilled Well	Size and Weight of Casing	From Ground	To Depth	PREPARATIONS	From Ground	To Depth
7 7/8	4" 10.012	0	55	6' cut with cutting brush	40	55



Static water level 22 ft.\*  
Pumping water level 30 ft.\*  
at 8 gallons per minute,  
measured 30 minutes after pumping  
began.

\*Measured from ground level.

Well developed by air  
for 12 hours.

Power          Pump          HP

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

Gravel packing  
set at 35 ft.

SW 1/4 SW 1/4 Sec. 12

T. 1 N. R. 60 E

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

Driller's Signature [Signature]Driller's Address Mill Spur, MontanaLICENSE NO. 20155

Show exact depth of bottom

46665

File No. ....

DUPLICATE

T1N R66E

County Carter

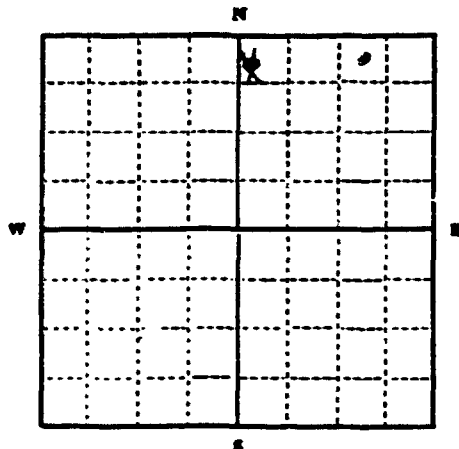
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 13 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Raymond Jardee , 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:



NE 1/4 NE 1/4 Sec. 14 T1N R66E

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  
1951 to 1963 frequently for livestock
4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
8 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  
at present windmill in future electric pumps
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  
30' of 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  
40' deep cased with 4" casing
10. The estimated amount of groundwater withdrawn each year  
50,000 gal
11. The log of formations encountered in the drilling of each well if available  
.....
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
.....

Signature of Owner

Raymond Jardee

Date

Dec. 9, 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.

6783

112971

Filed for Record

at 5.10 o'clock *L*

9 1963

*James M. Brewster*  
County Clerk

Deputy

*Fall 200*

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

DUPLICATE

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

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

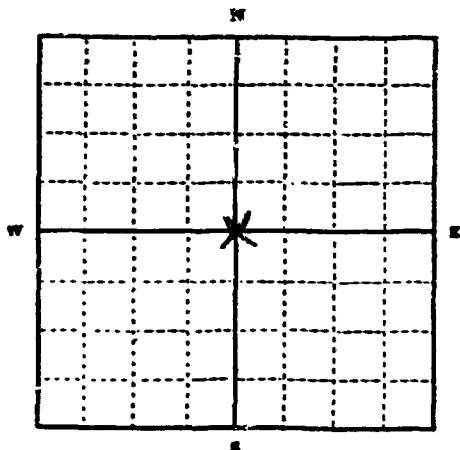
RECEIVED  
DEC 20 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Richard R. Burns, 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:



Center  
1/4 Sec. 15 T. 1 N. 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 Stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Well drilled approximately 1935. Used during summer grazing season since 1935
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gallons 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 No irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Windmill located at well.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Approximately 1935
8. The depth of water table 70 ft below ground 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 Drilled about 200 ft deep - 5" casing
10. The estimated amount of groundwater withdrawn each year 250,000 gallons
11. The log of formations encountered in the drilling of each well if available The log is 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 Richard R. Burns  
Date Dec 17, 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.

10643

113072

Filed for Record  
at 1:30 o'clock PM

John M. Brewster  
Clerk

Deputy

Fee \$ 2.00

108230  
Form No. 18  
8-60

T. 1 North R. 60 East  
County CARTER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER


Owner Larrie G. Phelps Address Mill Iron, Montana  
Driller Henry Briant Address Ekalaka, Montana  
Date Started July 19, 1961 Date Completed July 20, 1961  
Location: Sec. 19 T. 1 N. R. 60 E.  $\frac{1}{4}$  sec. NSE

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 191 ft. Type Steel casing Size 4 inch

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

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

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

Type of screen or perforations round holes

Static Water level, for non-flowing well: 93 feet.

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

Pumping water level 97 feet at 14 gal. per min.

How tested: bailing

Length of test 2 hours

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

(over)

# Log of Well

[illegible]



File No. 113390

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

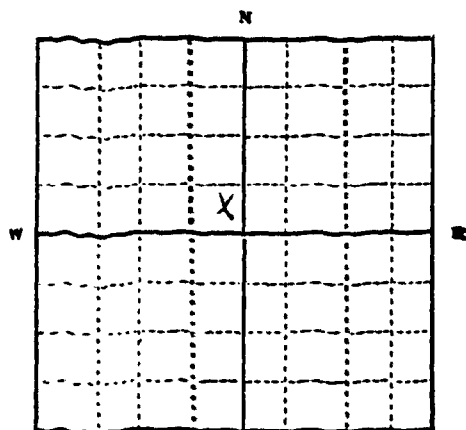
T. 14 R. 60 E  
County CARTER  
JAN 7 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

LARRIE G. PHELPS, of RAIL IRON MONT.  
(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:



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 HOUSE HOLD

3. Date or approximate date of earliest beneficial use; and how continuous the use has been CONTINUOUS - 1917

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 NONE

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater FALL 1958. SEC 19 14 60

8. The depth of water table 15 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 FT.

10. The estimated amount of groundwater withdrawn each year 30500

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 Larrie G. Phelps

Date Dec. 20, 1963

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

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

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

25832

Filed for Record

at 4:15 o'clock P M

DEC 30 1963

Jane M. Brewster

*Cally M. Stiles*  
County Clerk  
Deputy

Fee: \$2.00

108557  
Form No. 18  
8-60

T. 1 N R. 60 E

County Carter

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED

STATE ENGINEER

WATER WELL LOG


Owner Dick Burns Address Mill Iron, Montana

Driller Henry Brant Address Enalaka, Montana

Date Started Sept. 26, 1961 Date Completed Sept. 27, 1961

Location: Sec. 21 T. 1 N R. 60 E  $\frac{1}{4}$  sec. SE 1/4

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

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

Casing: 0 ft. to 101 ft. Type steel casing Size 4"

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

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

Perforated or Screened: Ft. 42 to ft. \_\_\_\_\_. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations round hole

Static Water level, for non-flowing well: 31 feet.

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

Pumping water level 31 feet at 14 gal. per min.

How tested: bailing

Length of test 1 hour

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

(over)

## Log of Well

[illegible]

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

DUPLICATE

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

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECORDED  
DEC 20 1963

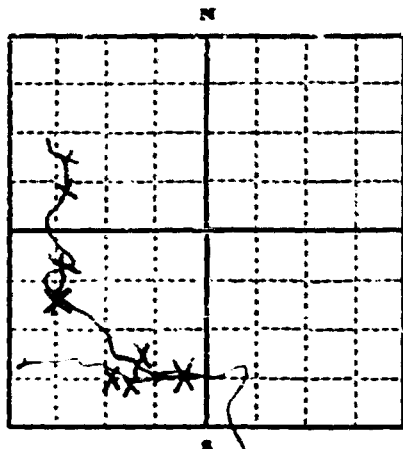
Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Richard R. Burns, of Mill Inan  
(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 21 T. 1 N. 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 Stockwater

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

Used continuously in winter & summer since 1920

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  
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 See page located approximately at 2 on map

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

8. The depth of water table At surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Natural springs located along Cassel Creek. They contain water the year around, and never dry the most of the winter.

10. The estimated amount of groundwater withdrawn each year Estimated livestock use during spring & fall about 100,000 gal.

11. The log of formations encountered in the drilling of each well if available None

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

Signature of Owner Richard R. Burns

Date Dec 17, 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.

113075

Filed for Record  
" 130 P.M.

*James M. Brewster*  
Deputy

*Fee \$2.00*

File No. ....

T. .... R. ....

DUPLICATE

County: ....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

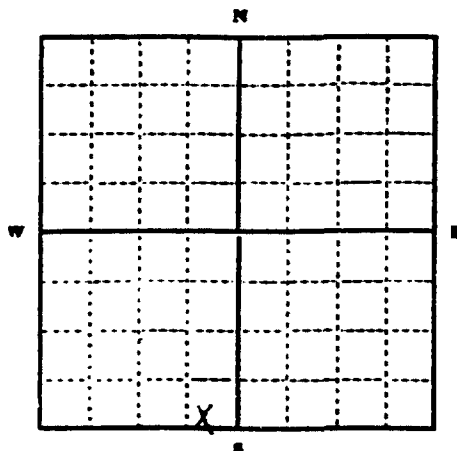
RECEIVED  
DEC 20 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Richard R. Burns, of Mill Ina  
(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:



S.E. 1/4, W. 1/2 Sec. 21 T. 1 N. 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 Home use, stock water & irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been well was drilled in approximately 1925. Used continuously since 1956
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gallon per minute 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 Applied to garden, located by well about 3 acres.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pumped out by electric driven pump located at well.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well drilled approximately 1925 & pump with windmill. Pump house, pump & motor installed in 1957
8. The depth of water table 12' below surface of ground
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 well 5" casing 100' deep.
10. The estimated amount of groundwater withdrawn each year 500,000 gal.
11. The log of formations encountered in the drilling of each well if available The well was drilled in 1925 or about that time and no log is 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 Richard R. Burns

Date Dec 17, 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.

113073

Filed      Record  
1130      A.M.

17 1988  
*Gene M. Dunster*  
County Clerk

Deputy

Feb 2, 00



108558

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

STATE ENGINEER

## WATER WELL LOG

	X	

Owner Dick Burns Address Mill Iron, MontanaDriller Harry Bryant Address Bozeman, MontanaDate Started Sept. 25, 1961 Date Completed Sept. 26, 1961Location: Sec. 22 T. 1 E R. 60 E  $\frac{1}{4}$  sec. NE 1/4Type of well Drilled Equipment used rotary  
(Jug, driven, bored, or drilled) (Churn, drill, rotary, other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other \_\_\_\_\_Casing: 0 ft. to 164 ft. Type steel casing Size 4"

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

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

Perforated ~~casing~~: Ft. 42 to ft. \_\_\_\_\_. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_Type of screen or perforations round holeStatic Water level, for non-flowing well: 42 feet.Shut-in pressure, for flowing well: \_\_\_\_\_ lb./sq. in. on: \_\_\_\_\_  
(Site)Pumping water level 42 feet at 10 gal. per min. \_\_\_\_\_How tested: bailingLength of test 1 hour

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

(over)

## Log of Well

[illegible]

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

DUPLICATE

T. 1 N R. 60 E  
County Carter

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 13 1963

Declaration of Vested Groundwater Right STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

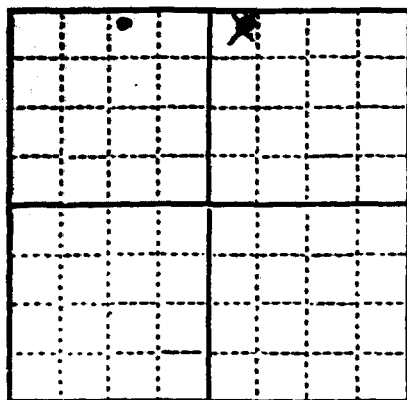
Raymond Jardee  
(Name of Appropriator)

Mill Iron  
(Address)  
Montana (Town)

County of \_\_\_\_\_

State of \_\_\_\_\_

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



NE NW Sec 23 T. 1 N. 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 household and stock water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1941 continuous to 1963
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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 electric pump

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 within 60' of 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 case at 140' - 86' deep
10. The estimated amount of groundwater withdrawn each year 200,000 gal
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner

Raymond Jardee  
Date Dec. 9, 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.

1782

112970

Filed for Record  
at S. 10

*James M. Brewster*  
Deputy

Fee \$ 2.00

CLERK OF DISTRICT COURT  
JAN 10 1880

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

DUPLICATE

T 1N R 60E

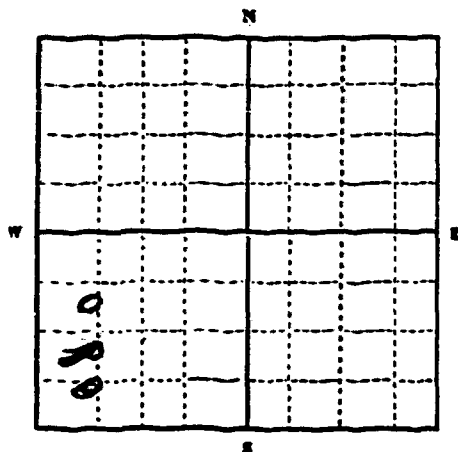
County Carter

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)

Pat Byrne, of Mild Iron  
(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 36 T 1N 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1884 springs  
steady

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 spring

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1917

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

10. The estimated amount of groundwater withdrawn each year 1825000

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 Pat Byrne  
Date Dec 17 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.

113093

Filed for Record  
at 130 o'clock M

1965  
Jane M. Burnett  
County Clerk

Deputy

Fee \$2.00

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

DUPLICATE

T. 1N R. 60E 29

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

Pat Byrnes

(Name of Appropriator)

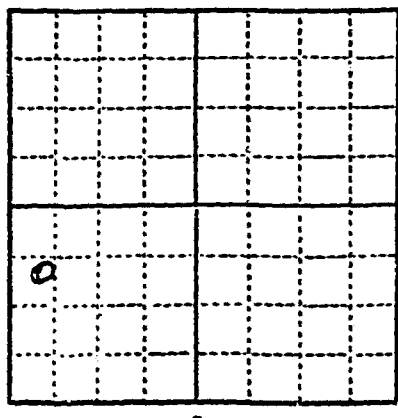
(Address)

(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. 27 T. 1N 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1884 Steady

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 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 Pump

7. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater near here when I bought the ranch

8. The depth of water table 10 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 1825000 gal.

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

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

Signature of Owner Pat Byrnes

Date Dec 17 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.

11125

113097

Filed for Record  
at 1:30 P.M.

*James M. Burnett*  
County Clerk

Deputy

Fee \$2.00



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

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

DUPLICATE

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECORDED  
DEC 20 1963

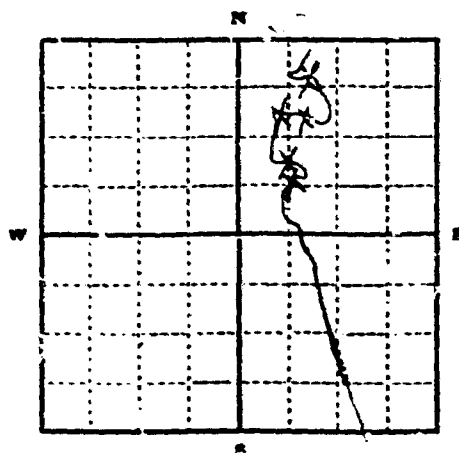
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Richard R. Burns, of Mill Inn  
(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 28 T 1 N R 6 E

Indicates 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 Earliest date unknown, used since 1920

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 No irrigation

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

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

8. The depth of water table At Surface

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

Natural Springs located at X marks on map along Corral Creek

10. The estimated amount of groundwater withdrawn each year For livestock use approximately 50,000 gal.

11. The log of formations encountered in the drilling of each well if available No log

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 Richard R. Burns

Date Dec 7, 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.

113074

Filed for Record  
1-36

*James M. Brewster*  
Deputy

Fee \$ 200

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

T. 1N R. 60E

DUPLICATE

County. Carter

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 7 1964

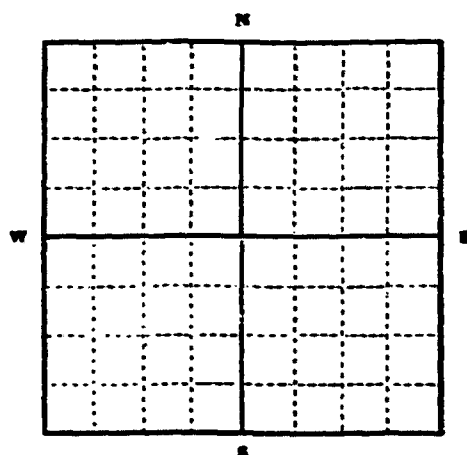
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Willa A and Robert J. Nies, 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:



33 1/4 SE Sec. 32T. 1N 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 and household use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
about 1915
4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
2 gallons/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  
1. 2 inch pipe with electric engine  
2. 2 inch pipe with hand pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
1915
8. The depth of water table  
25 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  
25 feet deep
10. The estimated amount of groundwater withdrawn each year  
1,000,000
11. The log of formations encountered in the drilling of each well if available  
unknown
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 Willa A. Nies

Date 12-30-63

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

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

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

25777

113328

Filed for Record  
" 10:15 AM

*James M. Brewster*  
Deputy Clerk

*Fee \$2.00* Deputy

GW2

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

DUPLICATE

T. 1 N. R. 60 E  
60 E  
County CusterSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED

Notice of Completion of Groundwater  
Appropriation by Means of Well

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

0-20 Top soil  
 20-45 blue shale  
 45-50 1/2" sand and gravel  
 50-56 sand rock  
 56-63 blue shale  
 63-76 light shale  
 76-84 blue shale  
 84-95 gray shale  
 95-145 blue shale  
 145-205 gray shale  
 205-209 some sand  
 209-230 sand  
 Water

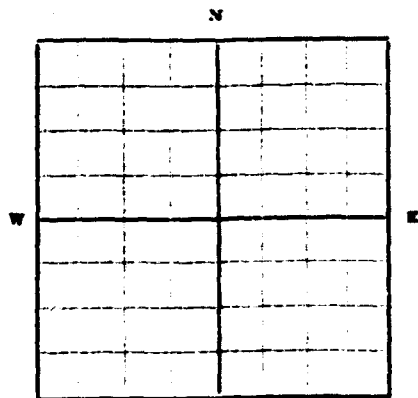
Owner Pat Ryan Address ChalchicomulaDriller Henry Bryant Address Chalchicomula

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

Date well started June 19 Date Completed June 23Type of well drilled Equipment Used R. Stetson  
(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 1/2" 11 ft	0	189	round	167	230
	1 1/2" 18 ft	189	130	hole		
	3" 7 ft	189	130			
	1 1/2" 3"	3"				



SW 1/4 Sec 34 T1N R6E

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

Show exact depth of bottom.

230

Static Water Level for non-flowing Well 125 feet.

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

Pumping Water Level 145 feet at 8 gal. per minute.

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

How Tested backing 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)

66  
Driller's License Number,

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.

955

110277

Filed for Record

at 9:10 o'clock A.M.

JUN 25 1962

Lay Nickerson

James M. Brainerd

Fee pd 2.00

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

DUPLICATE

T 1 N R 60 E  
County Carter

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

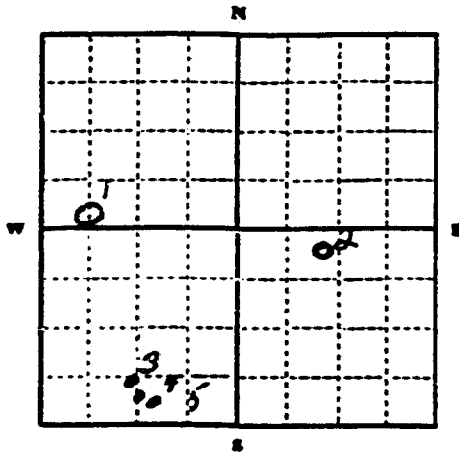
RECEIVED  
DEC 23 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Pat Byrne, of Mill Iron  
(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 35 1 N 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1959 steady

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 no 1 no 2 no 3 no 4 no 5 no 6 no 7 no 8 no 9 no 10 no 11 no 12 no 13 no 14 no 15 no 16 no 17 no 18 no 19 no 20 no 21 no 22 no 23 no 24 no 25 no 26 no 27 no 28 no 29 no 30 no 31 no 32 no 33 no 34 no 35 no 36 no 37 no 38 no 39 no 40 no 41 no 42 no 43 no 44 no 45 no 46 no 47 no 48 no 49 no 50 no 51 no 52 no 53 no 54 no 55 no 56 no 57 no 58 no 59 no 60 no 61 no 62 no 63 no 64 no 65 no 66 no 67 no 68 no 69 no 70 no 71 no 72 no 73 no 74 no 75 no 76 no 77 no 78 no 79 no 80 no 81 no 82 no 83 no 84 no 85 no 86 no 87 no 88 no 89 no 90 no 91 no 92 no 93 no 94 no 95 no 96 no 97 no 98 no 99 no 100

7. The date of commencement and completion of the construction of the well, wells, or other means for withdrawal of groundwater no 1 no 2 no 3 no 4 no 5 no 6 no 7 no 8 no 9 no 10 no 11 no 12 no 13 no 14 no 15 no 16 no 17 no 18 no 19 no 20 no 21 no 22 no 23 no 24 no 25 no 26 no 27 no 28 no 29 no 30 no 31 no 32 no 33 no 34 no 35 no 36 no 37 no 38 no 39 no 40 no 41 no 42 no 43 no 44 no 45 no 46 no 47 no 48 no 49 no 50 no 51 no 52 no 53 no 54 no 55 no 56 no 57 no 58 no 59 no 60 no 61 no 62 no 63 no 64 no 65 no 66 no 67 no 68 no 69 no 70 no 71 no 72 no 73 no 74 no 75 no 76 no 77 no 78 no 79 no 80 no 81 no 82 no 83 no 84 no 85 no 86 no 87 no 88 no 89 no 90 no 91 no 92 no 93 no 94 no 95 no 96 no 97 no 98 no 99 no 100

8. The depth of water table no 1 no 2 surface no 3 80 ft no 4 10 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 1925000 from each

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 Pat Byrne  
Date Dec 17, 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.

113096

Filed for Record  
at 1:30 P.M.

1901  
*Jane M. Brewster*  
County Clerk

Deputy  
Fee \$ 5.00



## GROUNDWATER INDEX

Page 1 of 1

County CARTER Twp. IN Rge. 6E

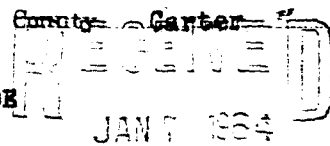
[illegible]

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

T 1N R 61E.

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)

Evelyn Most Knapp  
(Name of Appropriator)

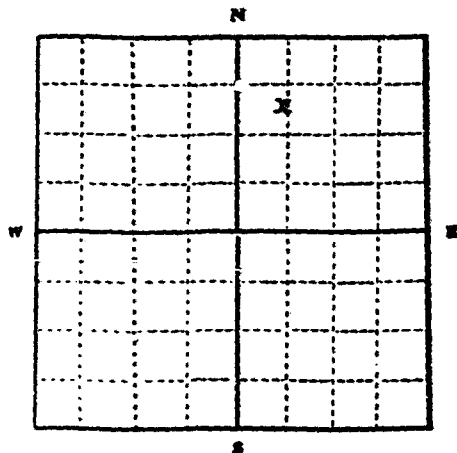
of Route 101  
(Address)

Baker  
(Town)

County of Carter

State of Montana

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



NW 1/4 Sec. 1 T1N R61E.

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

2. The beneficial use on which the claim is based watering livestock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been January 1962. continuous since then
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 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 garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Artesian well - natural flow, use jet pump for pressure, electric motor.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. January 1962 and started and completed.
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. 412 feet deep, 200 feet 4 inch pipe, 3 inch 212 feet, 3 foot culvert 7 feet long as casing, 180 feet 1 inch pipe to metal stock tank.
10. The estimated amount of groundwater withdrawn each year. unknown.
11. The log of formations encountered in the drilling of each well if available. not available.
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. Appropriator thinks log was filed by George Askin, who drilled well, but is not sure.

Evelyn Most Knapp

Signature of Owner Evelyn Most Knapp

Date December 30, 1963.

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

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

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

25831

113389

Filed for Record  
at 4:05 o'clock P.M.

DEC 30 1983

*James M. Brewster*  
County Clerk

*7-28-88*

GW 2

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

T 1N R 61E.

DUPLICATE

County Carter

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

0-10 ft top soil  
10-30 gravel  
30-120 gumbo  
120-175 runny sand  
175-280 gumbo  
280-410 water sand  
410-412 gumbo

109751

Owner W. J. Anapp Address Baker, MontanaDriller Geo. F. Askin Address Miles City, Montana

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

Date well started Jan. 11, 1962 Date Completed Jan. 28, 1962Type of well drilled  
(dug, driven, bored or  
drilled)Equipment Used \_\_\_\_\_  
(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.

## Filed for Record

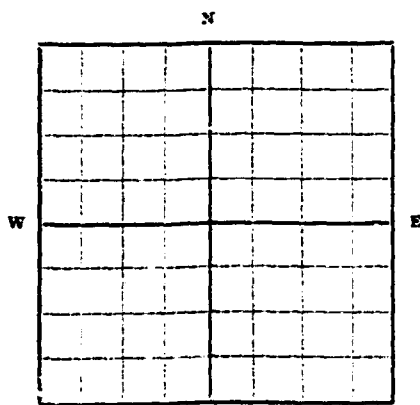
at 4:45 o'clock P. M.

MAR 7 1962

Ray Frankham  
County Clerk

200

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
6"	4" 10 lb.	205 ft	412	Kind Size
4 1/2"	3" 9 lb.	207 ft	bottom	From (Feet)
				To (Feet)
				3" 328 ft bottom

Lot 1/4 Sec. 1 T. 1N R. 61E.

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

412 ft  
Show exact depth of bottom.

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

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

Pumping Water Level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per minute.

Discharge in gal. per min. of flowing well 12 g.p.m

How Tested \_\_\_\_\_ 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) \_\_\_\_\_

3" to 4" reducers  
10 sacks cement. Well is  
cemented from 205 ft to surface

Driller's License Number 50Driller's Signature George F. Askin

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.

1649