

File No. ....

GW 4

T. 27N. R. 20W.

County. Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
OCT 15 1963

STATE ENGINEER

## 1. THE LITTLE BROWN CHURCH (formerly Valley Community Church) Bigfork

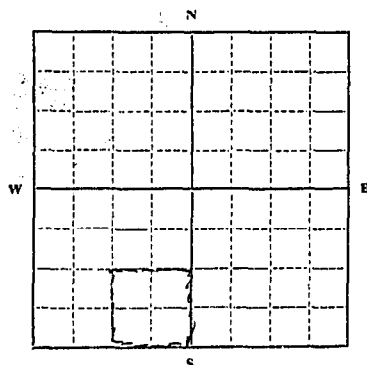
(Name of Appropriator) a religious corporation

(Town)

County of Flathead

State of Montana

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



SE 1/4 SW 1/4 Sec. 13, T. 27N. R. 20W

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

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

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been. October 15, 1957

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) ten 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  
SE 1/4 SW 1/4 Sec. 13, T. 27N. R. 20W  
Little Brown Church

6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal.....  
1/2 HP submersible pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater. commenced drilling September 30, 1957 and completed  
October 9, 1957

8. The depth of water table. 54 feet from 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. Total depth - 285 feet. Cased with 7 inch  
o.d. pipe to 252 feet.

10. The estimated amount of groundwater withdrawn each year. 2 million gallons

11. The log of formations encountered in the drilling of each well if available. 0 to 148 feet - silt.  
148 to 210 - gray clay. 210 to 252 - brown clay with some gravel.  
252 to 285 - bedrock.

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

Attest:

Maureen J. Holman  
Secretary

THE LITTLE BROWN CHURCH  
By Rev. J. B. Stiles

Signature of Owner

Date. August 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.

6408

9873

STATE OF MONTANA ) SS  
COUNTY OF FLATHEAD)

Filed on the 1 day of Oct  
A. D. 1963 at 2:00 o'clock P.M.

Pem

County Clerk and Recorder

By [Signature]

Deputy

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

GW 2

T. 27<sup>N</sup> R. 20<sup>W</sup> 33

County \_\_\_\_\_

**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 Dale Laumen address Somey, MontDriller Homer McClarty address 945-8th St. N.

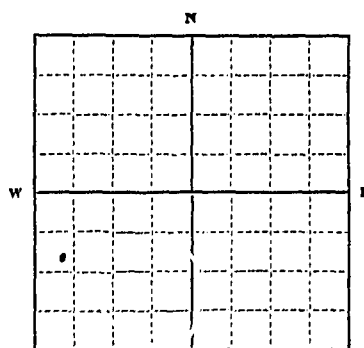
Date of Notice of Appropriation of Groundwater \_\_\_\_\_

Date well started Sept 27/65 Date Completed Oct 15/65Type of well: Drilled Equipment Used 2 1/2" Buryer  
 (Aug, driven, bored or (Churn, drill, rotary or  
 drilled) other) EndWater 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. 2980)  
2 ft Top soil  
Course sand  
120 ft  
silt + fine sand  
200 ft  
dry gravel  
210 ft  
blue clay  
250 ft  
yellow clay  
& gravel mixed  
somewhat  
375 ft  
water bearing  
sand & gravel

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7" O.D.	23" I.D.		409			



NW 1/4 Sec 3 T 57 N R 20 W  
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.

420 ft  
 Show exact depth of bottom.

Static Water Level for non-flowing Well 110 feet.

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

Pumping Water Level 350 feet at 10 gal. per minute.

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

How Tested Boiler Length of Test 10 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) \_\_\_\_\_

Gravel packed

Driller's License Number 18

Homer McClarty  
 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.

40654

11,939

RECEIVED  
JAN 27 1965  
65-27-10-10  
GEM  
m.2.

RECEIVED

FEB 28 1972

County Lea

DRILLER'S LOG

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 Arnold B. Morris  
and Carol C. Morris  
Address Route 1  
Bigfork, Montana 59911  
Date well started 8/26/71 GW 1  
completed 8/27/71

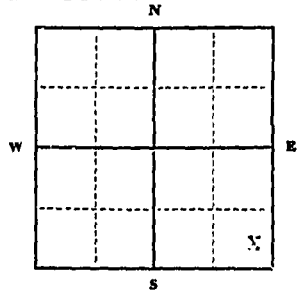
For Administrator's Use  
File 14386 2B 24, 1972  
4:00 p.m.

Type of well Drilled  
(Dug, driven, bored or drilled)  
Equipment used Air Rotary  
(Churn drill, rotary or other)  
Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒  
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

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

ESTIMATED ANNUAL WITHDRAWAL 26,280,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	8 5/8" OD x 1 1/4"	+2	41' 6"	NONE		



SE 1/4 Sec. 13  
T. 27 N. R. 20 E.  
X 54

Static water level 61 ft.\*  
Pumping water level 126 ft.\*  
at 50 gallons per minute,  
measured 60 minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by air lift pump  
for 1 hours.  
Power Diesel Pump 150 HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff) 11 water  
entering well through  
cracks and seams in the  
rock below 120 feet.  
(Cont.)

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

Driller's Signature Willard F. Calme  
Driller's Address 3500 Reserve  
Missoula, Montana 59801 LICENSE NO. 52

Top of Ground Approx. Elev. above sea level 3050'

From (Feet)	To (Feet)	
0	5	Topsoil - Boulders mixed in
5	41	Boulders - Sand and gravel
41	100	Dark gray rock
100	120	Fractured dark gray rock
120	140	Fractured dark gray and light gray rock in thin alternate layers with lighter streaks
140	160	Dark gray and green rock in alternate layers.

160' Show exact depth of bottom  
water rises in well 61' from surface.

49,930

(Con't)

Note: Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.

4/14 3.26  
STATE OF MONTANA } SS  
COUNTY OF HILL  
FILED on 4/14/24  
A.D. 1924 at 12:00 PM  
BY \_\_\_\_\_  
CLERK

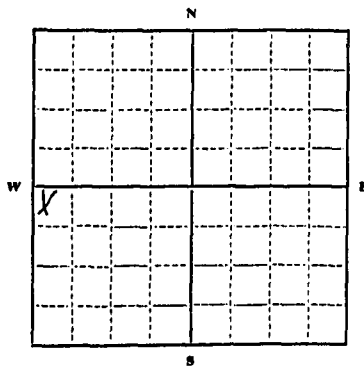
File No. ....

GW 4

T 27 N 20 W 13  
County .....STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

JAN 8 1964  
STATE ENGINEER1. Violet L. Nichols, of R.R. 1 Bigfork  
(Name of Appropriator) (Address) (Town)  
County of Flathead State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

NW 1/4 Sec. 13, T. 27, R. 20

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 use  
water for stock and irrigation3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been 4-23-45 and has  
been in continuous use4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) Around 17 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  
used for about 1/2 acre of small  
fruit farming & orchard and  
owned by Violet L. Nichols owner6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal  
Well located just east of house  
and drawn electrically7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater Started drilling on April 17, 1945 and  
well finished Apr. 23, 19458. The depth of water table 55 feet top to bottom9. 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  
Water level 100'10. The estimated amount of groundwater withdrawn each year impossible to tell, but water is  
run day & night thru summer months11. The log of formations encountered in the drilling of each well if available  
first 55 ft sand & clay then glacial mud12. 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 There is none that I know  
of.Signature of Owner Violet L. NicholsDate 12/30/63Three 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.

22703

10525

STATE OF INDIANA - 33  
COUNTY OF CLAYTON

Filed on the 30 day of Dec.  
A.D. 1963 at 2:48 o'clock P.M.

*Glenn E. Melchance*  
County Clerk and Recorder

By *Keith*  
Deputy



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

7 27 1962 W14

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
Office Of State Engineer

RECEIVED  
COUNTY 17  
APR 24 1962

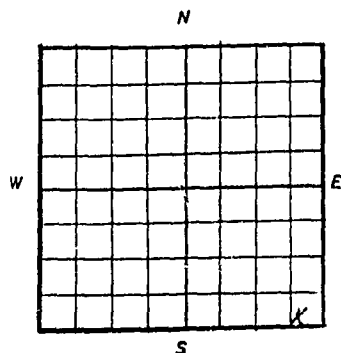
DUPLICATE

DECLARATION OF VESTED GROUNDWATER RIGHTS  
(Under Chap. 237 Mont. Session Laws, 1961)

STATE ENGINEER

1. Lloyd H and Sarah Conardell, of Butte Bigfork  
name of appropriator address town  
County of Flathead State of Montana

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



2. The beneficial use on which the claim is based household, livestock, garden irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been approximately 43 years and has been in continuous use.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) about one gallon
5. If used for irrigation, give acreage and description of the lands to which water has been applied and name of the owner thereof two acres

SE 45E 14 T 27R 20

Indicate point of appropriation & place of use. Each square indicates 10 Acres.

6. The means of withdrawing such water from the ground and location of each well or other means of withdrawal jet deep well pump
7. Date of commencement & completion of construction of well, wells, or other works for withdrawal of groundwater 1919
8. Depth Of Water Table 85 feet
9. As it may be available, type, size, depth of each well or general specification of any other works for withdrawal of groundwater drilled 3 inch 145 feet
10. Estimated amount of groundwater withdrawn each year 360,000 gallon
11. The log of formations encountered in drilling each well (if available) unavailable
12. Other information useful in carrying out policy of this act, including Book & Page of any county record none

Lloyd H Conardell  
Signature Sarah Conardell  
(owner)

Date April 18, 1962

3 copies to be filed by owner with clerk & recorder in county where well is located. Please answer all questions. If not applicable, so state.

Original to Co. Clerk & Recorder; Duplicate to State Engineer; Triplicate to School of Mines and Quadruplicate for the Appropriator.

9311

STATE OF MONTANA  
COUNTY OF DEER HARBOR  
Given the 18 day of *Apr.*  
1916 at 2:00 o'clock P. M.  
*SEM*  
County Clerk and Recorder  
By *BP* Deputy

RECEIVED  
SEP 11 1957

T. \_\_\_\_\_ R. \_\_\_\_\_  
County Flathead

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner Peter J. Jensen Address Bigfork  
Driller Art Ottenbacher Address 9. N. 10th St. Kalispell  
Date Started Oct 1955 Date Completed Oct 1955  
Location: Sec. 14 T. 27 R. 20  $\frac{1}{4}$  sec. NW  $\frac{1}{4}$  NE  $\frac{1}{4}$

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

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

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type steel Size 7"

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

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

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

Type of screen or perforations: \_\_\_\_\_

Static Water level, for non-flowing well: 21' feet.

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

Pumping water level \_\_\_\_\_ feet at \_\_\_\_\_ gal. per min. 10

How tested: \_\_\_\_\_

Length of test: \_\_\_\_\_

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

(over)

[illegible][illegible]

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

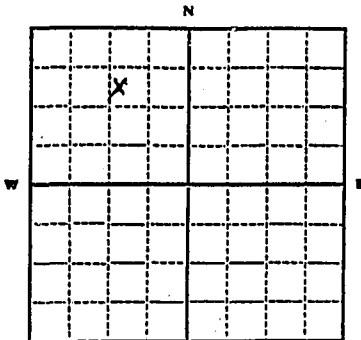
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
JAN 6 1964

STATE ENGINEER

I, Elvin K. Johnson and Donna Johnson, of Bigfork  
(Name of Appropriator) (Address) (Town)

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



NE 1/4 NW 1/4 Sec. 14 T. 27N R. 20W

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 use, stock watering and irrigation.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1943; continuous since then.
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: 1 acre farm garden in the Northeast Quarter of the Northwest Quarter of Section 14, Township 27 North, Range 20 West.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: Electric Pump and pipe-- (5 H.P. Elec. Turbine) In the Northeast Quarter of the Northwest Quarter of Section 14, Township 27N, Range 20 W
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: May 15, 1943 drilling commenced; July 3, 1943, drilling completed.
8. The depth of water table: 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 Well, 7" pipe, 314 ft. deep. Pump Column 3 inches
10. The estimated amount of groundwater withdrawn each year: 750,000 gallons
11. The log of formations encountered in the drilling of each well if available: gravel and sand
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record:

Signature of Owner: Elvin K. Johnson  
Donna J. Johnson  
Date: December 24, 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.

10,407

STATE OF IOWA, ss  
COUNTY OF FLAMBEAU, ss

Filed on the 30 day of Dec  
A.D. 1903 at 11 o'clock A.M.

*W. M.*  
County Clerk and Recorder

By *J. P.* Deputy

File No. ....

GW 4

T. 27 N R. 20 W - 14

County Flathead

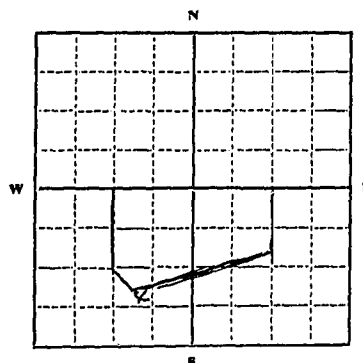
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
FEB 6 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Harvey W. Robinson of Bigfork  
(Name of Appropriator) (Address)  
County of Flathead State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E. 1/4 Sec. 14, T. 27, R. 20

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 and Live stock and Irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been... Constant
4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 3.5 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, Orchard and Pasture
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... Already Constructed When land purchased
8. The depth of water table... Continuous Spring
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... Rock Cribbed Spring
10. The estimated amount of groundwater withdrawn each year... 12,510,000 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... None to my knowledge

Signature of Owner Harvey W. RobinsonDate 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.

11, 189

STATE OF MONTANA / SS  
COUNTY OF FLATHEAD

Filed on the 28 day of Jan  
A.D. 1964 at 8:13 o'clock AM

26 M  
County Clerk and Recorder

By 29 N  
Deputy



File No.

SEP 14 1966

County Blattland

TRIPPLICATE

Bore  
Bottom  
CasingSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERTop of Ground  
(Elev. above sea level 2980.)**Notice of Completion of Groundwater  
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Owner Owen E. Lawrence Address Lower Valley, MontanaDriller Homer McClarty Address 945 5th Ave

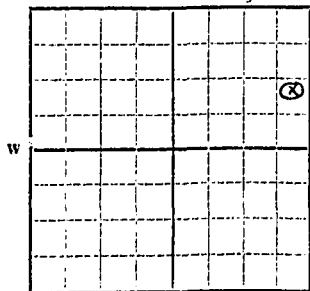
Date of Notice of Appropriation of Groundwater

Date well started June 22, 1966 Date Completed July 9/66Type of well Drilled Equipment Used 22W Burymer  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other) EdieWater 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.

6" Top soil  
Silty sand  
6 ft  
Fine sand  
water  
30 ft  
Sand  
120 ft  
Sandy clay  
142 ft  
Silty clay  
360 ft  
Silty clay  
Gravel  
385 ft  
Sand  
388 ft  
Water  
Coarse sand  
& gravel

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7" OD	23#		392 1/2			



SE NE 16 T27 R20

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

392 1/2 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 25 gal. per minute.Discharge in gal. per min. of flowing well 90 g.p.m.How Tested Boiler Length of Test 3 hrs

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

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.

41,389

12.570

12  
66 8:2  
218 M  
MT

Aug  
a

File No. ....

GW 4

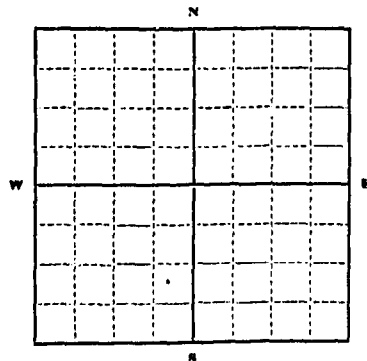
T. 27 N 20 W 18  
R  
County .....STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
JAN 6 1964

STATE ENGINEER

1. Edwin H. Schling, Carin H. Schling of Boomers  
(Name of Appropriator) (Address) (Town)  
County of Flathead State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:S 1/2 SW 1/4 Sec. 18, T. 27 N. R. 20 W.Indicate point of appropriation  
and place of use, if possible.  
Each small square represents 10  
acres.2. The beneficial use on which the claim is based  
Household & Livestock3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been. 1914Used Continuously4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 350 gal. Per Hour5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereofNone6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal.Pressure pump inside house7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater. 19148. The depth of water table. 27 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.Handpump 1 1/2 in pipe - 27 ft.10. The estimated amount of groundwater withdrawn each year. Not available

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

Gravel & silt12. 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 availableSignature of Owner Edwin H. SchlingDate Dec. 31 - 1963Three 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.

22919

10749

31/10/53  
63/10/53  
28 71  
L. L. H.  
Deputy

File No. ....

GW 4

T. 27 N R. 20 W 21

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

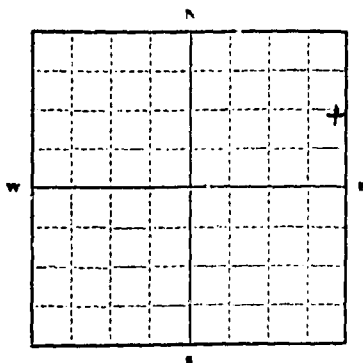
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
JAN 7 1964

STATE ENGINEER

1. Ed and Mabel A. Wittlake of Star Route Somers  
(Name of Appropriator) (Address) (Town)  
County of Flathead State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 21 T. 27 R. 20W

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 use

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been..... 1904 daily

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater..... June 1904

8. The depth of water table..... 14 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..... 2 inch driven sandpoint 26 feet

10. The estimated amount of groundwater withdrawn each year..... 80,000 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..... none

Signature of Owner Ed Wittlake  
Mabel Wittlake  
Date 12-31-63

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

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

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

26693

11104

6480 Jan  
DEM R  
227

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

GW 4

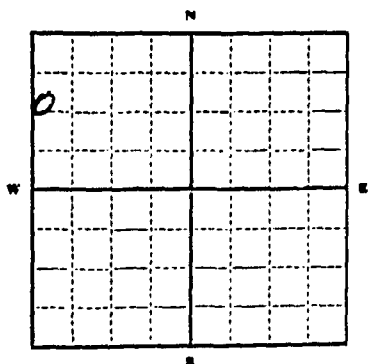
T. 27 N. 28 W. 21  
County FlatheadSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERRECEIVED  
JAN 6 1964

## Declaration of Vested Groundwater Rights

Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Mrs. Jeanne Taylor of Sumner Mont  
 (Name of Appropriator) (Address) (Town)  
 County of Flathead State of Mont  
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 21, T27, R20

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, lawn, garden livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. continuous since 1930
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 1200 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  
not applicable
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.

8. The depth of water table. 12 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.

12 inch sand point 12 feet deep, electric pump.

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

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

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

Signature of Owner

Mrs. Jeanne Taylor  
Henry R. 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.

10818

31  
63 11<sup>th</sup> 11<sup>th</sup> 11<sup>th</sup>  
- 2<sup>nd</sup> 2<sup>nd</sup>  
- 2<sup>nd</sup> 2<sup>nd</sup>



File No. ....

GW 4

T. 27 N R. 20 W - 22

County. Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

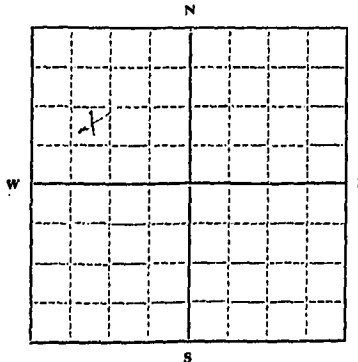
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
JAN 6 1964

STATE ENGINEER

1. Walter A. Ruff, of Star Rte, Donners  
(Name of Appropriator) (Address) (Town)  
County of Flathead State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 NW 1/4 Sec 22 T. 27 R. 20

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  
stock and irrigations

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been May 30, 1960  
daily

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

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

1 acre - garden & lawn  
SW 1/4 NW 1/4 Walter A. Ruff

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 with-  
drawal of groundwater May 30, 1960

8. The depth of water table 22 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 22 ft. deep 1 1/2 inch pipe

10. The estimated amount of groundwater withdrawn each year 600,000

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

no prior and rights filed

Signature of Owner Walter A. Ruff

Date Dec. 30, 1963

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

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

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

22697

10519

FILED BY THE 30 Jan 63 Des  
A. P. 1963 at 213 O'clock P. M.  
Glenn E. Millhause  
County Clerk and Recorder  
By Keith Deputy

RECEIVED

27N-20W T.23  
County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOV 15 1972

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

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

Owner Kent Gardner

Address Bigfork, Montana

Date well started Oct. 10, 1972

completed Oct. 12, 1972

For Administrator's Use	
File	<u>Nov. 13, 1972 2:45 p.m.</u>
GW	<u>1</u>

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

Equipment used Air Rotary  
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

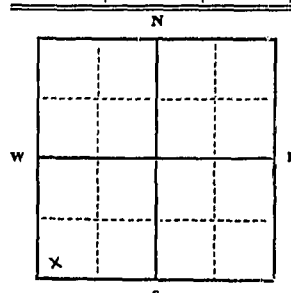
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*Describe \_\_\_\_\_

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6 5/8" 19 lbs. per ft.	Top	40'			



Static water level 140 ft.\*  
Pumping water level 200 ft.\*  
at 7 gallons per minute,  
measured \_\_\_\_\_ minutes after pumping began.

\*Measured from ground level.  
Well developed by Air  
for 4 hours.

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

S. 27 N. 20 W. Sec. 23  
T. 22 N. R. 20 W.

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

Driller's Signature B. J. [Signature]

Driller's Address Bigfork, Montana 59911

LICENSE NO. 5

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	20	Sand and Boulders
20	40	Sand and Boulders
40	60	Hard Shale Rock
60	80	Shale Rock
80	100	Shale Rock
100	120	Shale Rock
120	140	Shale Rock
140	160	Shale Rock
160	180	Shale Rock
180	200	Shale Rock with small fracture
200	220	Sandstone Rock
220	240	Sandstone with green rock
240	260	Sandstone Rock
260	280	Shale Rock
280	300	Shale Rock
300	320	Shale Rock with a little water
320	335	Shale Rock with water

335 Show exact depth of bottom

1-F-18

51,804

Det

Eng... Section  
Groundwater Section  
Sam W. Mitchell Building  
Helena, Montana 59601

STATE OF MONTANA } SS  
COUNTY OF FLATHEAD }  
Filed on the 13 day of Nov.  
A.D. 1972 at 2:45 o'clock P.M.  
Wm  
County Clerk and Recorder  
By Wm Deputy

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions: Please provide, as indicated in red on the attached form, the county filing document number.  
Thank You.

Department of Natural Resources and Conservation  
Water Resources Division  
Engineering Bureau  
Groundwater Section  
Sam W. Mitchell Building  
Helena, Montana 59601

Owner Kent Gardner  
Address Bigfork, MT 59717  
Location T. 27N R. 20W Sec. 23  
Doc. No. ?

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions: Please provide, as indicated in red on the attached form, the county filing document number.

Thank You.

Equipment used Air Rotary

(Cable drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

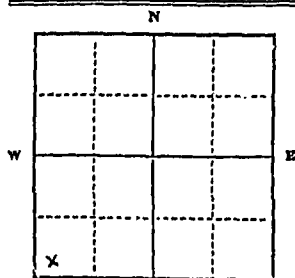
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

\*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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6 5/8" 19 lbs. per ft.	Top	40'			



Static water level 140 ft.\*  
Pumping water level 200 ft.\*  
at 7 gallons per minute,  
measured        minutes after pumping  
began.

\*Measured from ground level.

Well developed by Air  
for 4 hours.

Power        Pump        HP

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

Section 23  
T. 27 N. R. 20 W.

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

Driller's Signature [Signature]

Driller's Address Bigfork, Montana 59911

LICENSE NO. 5

160	180	Shale Rock
180	200	Shale rock with small discontinua
200	220	Sandstone Rock
220	240	Sandstone with green rock
240	260	Sandstone Rock
260	280	Shale Rock
280	300	Shale Rock
300	320	Shale Rock with a little water
320	335	Shale Rock with water

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

NOV 15 1972

DRILLER'S LOG

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

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Kent Gardner

Address

Bigfork, Montana

Date well started Oct. 10, 1972 GW 1

completed Oct. 12, 1972

For Administrator's Use

File Nov. 13, 1972 2:45 p.m.

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

Equipment used Air Rotary  
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

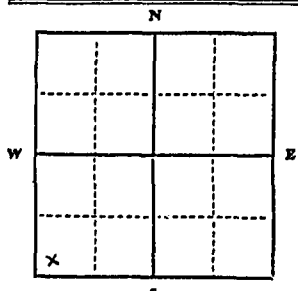
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	6 5/8" 19 lbs. per ft.	Top	40'			



Static water level 140 ft.\*  
Pumping water level 200 ft.\*  
at 1 gallons per minute,  
measured 1 minutes after pumping began.

\*Measured from ground level.

Well developed by air  
for 4 hours.

Power          Pump          HP

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

S. 1/4 Sec. 23  
T. 22 N. R. 20 W.

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

Driller's Signature [Signature]

Driller's Address Bigfork, Montana 59911

LICENSE NO. 5

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
0	20	Sand and Boulders
20	40	Sand and Boulders
40	60	Hard Shale Rock
60	80	Shale Rock
80	100	Shale Rock
100	120	Shale Rock
120	140	Shale Rock
140	160	Shale Rock
160	180	Shale Rock
180	200	Shale rock with small boulders
200	220	Sandstone Rock
220	240	Sandstone with green rock
240	260	Sandstone Rock
260	280	Shale Rock
280	300	Shale Rock
300	320	Shale Rock with a little water
320	335	Shale Rock with water

335

Show exact depth of bottom

1-FSP

51,804

7

14,557

COUNTY OF MONTANA } SS  
COUNTY OF FLATHEAD }  
Filed on the 13 day of Nov.  
1913 at 2 o'clock PM  
County Clerk and Recorder  
By Deputy

County Flathead

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.

Marvin Hagle &  
Owner ~~Bess Hagle~~.....

Address Big Fork

.....Contenta

Date well started 3/12/70

completed ...8/13/70

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Air Rotary

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒

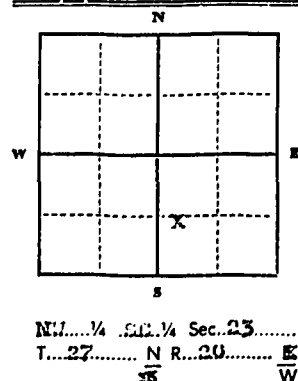
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒  
 Depicted as Tract 13 in that certain map or  
 \*Describe plat filed & record in the Office of  
 County of Riverside

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). 4.7 acres

ESTIMATED ANNUAL WITHDRAWAL 4,500,000 gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
10"		0	34			
8"	3 5/8" OD x 11"	+2	34'7"			
Annular space around casing is backfilled from 34 foot back toward surface with puddled clay.						

Annular space around casing is backfilled from 34 foot back toward surface with puddled clay.



Static water level .....58.....ft.  
Pumping water level .....126.....ft.  
at .....20.....gallons per minute,  
measured .....180.....minutes after pumping  
began.

\*Measured from ground level.  
Well developed by Air Lift Pump  
for two hours.  
Diaseal Pump 150 HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff) All water  
entering well from cracks  
and seams in the rock  
below 127 feet.

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

Driller's Signature

Driller's Address ...2500...Reserve Street

~~REGULAR CONTAINER~~ LICENSE NO...52

**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 ~~Approx~~ Elev. above sea level) 3020'

[illegible]

1581 Show exact depth of bottom  
Water rises in the well  
58 feet from surface.

48431



the County Clerk and Recorder, Flathead County, Montana, on October  
28, 1968, as Deed Exhibit No. 383;

14272  
STATE OF MONTANA  
COUNTY OF FLATHEAD  
Filed on the 27th day of April  
A.D. 1969 at 2:40 Clock P.M.  
County Clerk and Recorder  
By *[Signature]*  
Deputy

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

10024 1070

T 27N R 20W

DUPLICATE

County Flathead

## LOG

Top of Ground Approx.  
(Elev. above sea level 3140 ft.)

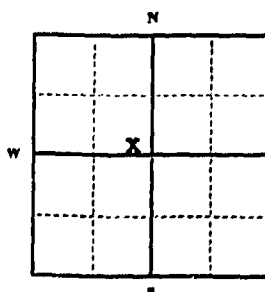
## Formations Log:

- 0 - 2 Topsoil and broken rock.  
2 - 60 Hard gray rock.  
60 - 97 Gray-tan and green rock.  
97 - 237 Gray rock.  
237 - 241 Green and brown rock in thin alternate layers. Seep of water.  
241 - 290 Gray rock. Water.

At 250 ft. 20 GPM  
At 260 ft. 25 GPM  
At 270 ft. 35 GPM

Doc. No. 14231  
Filed for record  
this 24 day of November  
A. D. 19 70, at 210  
o'clock P. M.

Water rises in well  
219 ft. from surface.



SE 1/4  
Sec. 23, T27N, R20W  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Casing is grouted from 50 feet back to 2 feet from surface with four sacks of \_\_\_\_\_ (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.  
Bottom of well 290 ft.

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

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

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

Clifford E. and

Owner Amy H. Haines Address Kalispell, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed.

Date well started 8/10/70 Date completed 8/11/70

Type of well Drilled Equipment used Air 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)	PENETRATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	7" OD x 1/4"	+3'	50	N	O	N E

Static Water Level for non-flowing well  
219 feet

Shut-in Pressure for Flowing Well Non-f  
Pumping Water Level feet  
at 35 gal. per minute.

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

How Tested Air Lift Pump

Length of Test 10 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well from cracks and seams in the rock below 237 feet. Annular space around

casing is grouted from 50 feet back to 2 feet from surface with four sacks of \_\_\_\_\_ (Continue on reverse side)

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

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

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

Driller's License Number

Driller's Signature

52

William B. Osburn  
41,808

of cement. All water entering well from cracks and seams in the rock below 237 feet. Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.

STATE OF MONTANA  
COUNTY OF FLATHEAD  
Filed on the 24th day of Nov  
A. D. 1902 at 2 o'clock PM  
County Clerk and Recorder  
By *M. J.*  
Deputy

14.231

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 W. Kahoe

Address Bigfork, Montana

59911

Date well started 5-1-73

completed 5-3-73

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Air Rotary

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

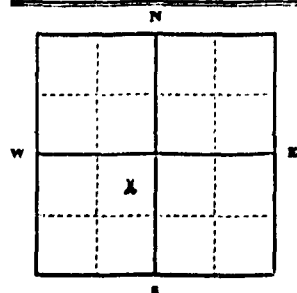
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 36,400,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Hole	From (Feet)	To (Feet)
8"	5/8" OD x .250	+2	32'	N	O	N



NE 1/4 SW 1/4 Sec. 23

T. 27 N R. 20 E

SE W

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

Driller's Signature

Driller's Address LIBERTY DRILLING & PUMP CO.

KALISPELL, MONTANA

LICENSE NO. 952

County Flathead

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		Approx. (Elev. above sea level)
From (Feet)	To (Feet)	
0	2	Topsoil
2	24	Sandy clay & gravel
24	32	Sand, clay with rock
32	47	Purple rock
47	107	Purple rock - Scarp
107	126	Purple rock - Scarp
126	131	Purple rock - Sandstone
131	132	Broken purple rock
132	141	Purple rock - Sandstone
141	142	Broken purple rock
142	174	Purple rock
174	175	Gray & Green rock
175	187	Purple rock - Water
187	227	Purple, gray & green rock

227' Show exact depth of bottom

53,578

14,710

STATE OF MONTANA } SS

COUNTY OF FLAHEAD

Filed on the 14 day of June  
A.D. 1973 at 11:32 o'clock A.M.

MT

County Clerk and Recorder

By

L. L. Loh

Deputy

upon to produce clear sand free water year after year as long  
as they are not overpumped, i.e. they should be pumped at rates  
not in excess of 80 to 90 percent of the tested capacity of the  
aquifer.

File No. ....

T. 27N R. 20W

TRIPLICATE

County. Flathead

LOG

JUL 5 1968

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERTop of Ground Approx.  
(Elev. above sea level 3000')

## Formations Log

- 0 - 1 Top soil.  
1 - 8 Cobblestones & gravel mixed in sandy topsoil.  
8 - 14 Grayish green rock.  
14 - 20 Gray rock.  
20 - 26 Gray - green and tan rock.  
26 - 28 Tan & green rock.  
28 - 70 Green rock.  
70 - 72 Grayish green rock.  
72 - 79 Gray rock.  
79 - 86 Green rock.  
86 - 88 Green & brown rock.  
88 - 141 Green rock.  
141 - 142 Green, tan, brown & white rock.  
142 - 167 Gray rock.  
167 - 188 Green rock.  
188 - 190 Seep of water. Green & brown rock. Some water.  
190 - 241 Green rock with tan & brown streaks. Some water.  
241 - 279 Grayish green rock.  
279 - 287 Green rock.  
Total 60 GPM

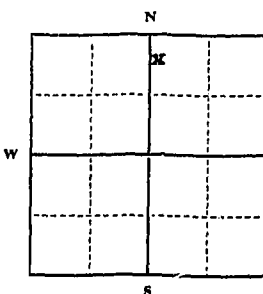
Water rises in the well  
175 feet from surface.Notice of Completion of Groundwater  
Appropriation by Means of Well  
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Lazy N Ranch, Inc. Address Somers, MontanaDriller Liberty Drilling Co. Address Missoula, MontanaDate of Notice of appropriation of groundwater None filedDate well started 4/11/68 Date completed 4/18/68Type of well Drilled Equipment used Air 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)
142 - 167	6"	6 5/8"	+1'6"	38'7"	N	O	N
167 - 188							
188 - 190							
190 - 241							
241 - 279							
279 - 287							

Static Water Level for non-flowing well  
175 feet.Shut-in Pressure for Flowing Well Non-f.Pumping Water Level 273 feet  
at 60 gal. per minute.Discharge in gal. per min. of flowing well  
Non-flowingHow Tested Air Lift PumpLength of Test Two hours

Remarks: (Gravel packing, cementing, pack-

NW 1/4 Sec. 23 T. 27N R. 20W

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

sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rate not in excess of 50 to 75 percent of the tested capacity of the aquifer. (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).

Tract 12

Show exact depth of bottom.

Bottom of hole 287'

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.

52  
Driller's License Number

Driller's Signature.

44, 274

13815

STATE OF MONTANA  
COUNTY OF FLATHEAD SS  
Filed on the 18 day of July  
A.D. 1968 at 2:16 o'clock M  
County Clerk and Recorder  
By [Signature] Deputy

50122 0000

Doc. No. 14126  
Filed for record GW 2  
this 30 day of March  
A. D. 19 70, at 12:50  
o'clock P. M.

T. 27N R. 20W 23  
County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner C. D. Morton Address Bigfork, Mont  
Driller Harold McClintock Address 945-8th St. N.

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

Date well started Mar 16, 1970 Date Completed Mar 27, 70

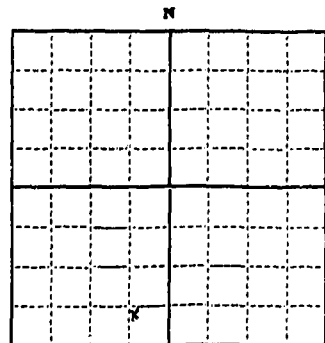
Type of well Drilled Equipment Used 22" V. B. Borer  
(dug, driven, bored or (Churn, drill, rotary or  
drilled) other) Eric

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)
7" O.D.	2 3/4"		63			

Top of Ground  
(Elev. above sea level 2980.)  
2" Top soil  
Sand & gravel  
8 ft  
Clay, gravel & cobbles  
58 ft  
Silt, sand & gravel  
49 ft  
Gravel & cobbles  
63 ft.  
Rock  
Water



SE 1/4 Sec 23 T37 R20  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.  
198 1/2 ft.  
Show exact depth of bottom.

Static Water Level for non-flowing Well..... 21 1/2 feet.

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

Pumping Water Level..... 192 feet at 10 gal. per minute.

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

How Tested Bailer Length of Test 4 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).....

18  
Driller's License Number  
Harold McClintock  
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.

46307



14,126

STATE OF MONTANA  
COUNTY OF FLATHEAD

Filed on the 30 day of March

A.D. 1970 at 12:50 o'clock P.M.

Glenn E. Meekhouse  
County Clerk and Recorder

Barbara J. Intensity  
Deputy

GW 3

File No. ....

T. 27N R. 20W Sec 23  
County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater Appropriation  
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Jan 1949

Owner Stanley & Edna Peterson Address Big Rock Mont

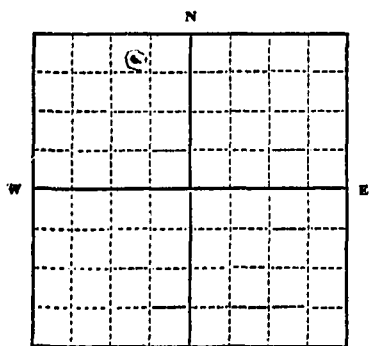
Contractor (if any) .....

Address of Contractor None

Date Started ..... Date Completed .....

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

flowing spring



1/2 NW  
Indicate point of appropriation  
and place of use, if possible.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.....

Never been measured  
for drinking water  
used all the time for stock  
and sub-irrigation

Signature of Owner Stanley & Edna Peterson

Date Dec 14, 1964

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

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

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

11,573

61 230 see  
2671  
JH  
By \_\_\_\_\_  
\_\_\_\_\_

File No. ....

T. 27N R. 20W

DUPLICATE

County Flathead

## LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater  
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground Approx.  
(Elev. above sea level 3450')

## Formations Log:

- 0 - 1 Dirt.  
1 - 26 Green Argillite.  
26 - 27 Tan & brown Argillite.  
27 - 34 Green Argillite.  
34 - 36 Tan to brown Argillite.  
36 - 122 Green Argillite.  
122 - 141 Tan to brown Argillite.  
141 - 163 Reddish gray Argillite.  
163 - 408 Purple gray Argillite.

Owner: John Paola &amp; Jennie Paola Address: Kalispell, Montana

Driller: Liberty Drilling Co. Address: Missoula, Montana

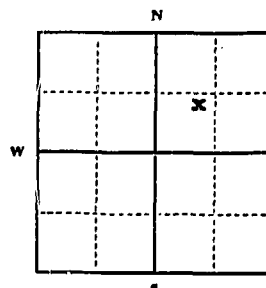
Date of Notice of appropriation of groundwater: None filed

Date well started: 6/12/67 Date completed: 6/15/67

Type of well: Drilled Equipment used: Air 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)
6"	7 5/8" x 33.70#	+1	16'4"	N	O	N E

Water rises in the well  
323 ft. from surface.Static Water Level for non-flowing well  
.....323.....feet.

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

Pumping Water Level.....378.....feet  
at.....14.....gal. per minute.Discharge in gal. per min. of flowing well  
Non-flowing

How Tested: Air Lift Pump

Length of Test: Four hour

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well is coming through cracks and seams in the rock between 381 and 403 ft.

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).

Commencing at the Southeast corner of said section 23, which corner is identified by three concrete posts; thence south 89°43' west along the South boundary of said section 23, a distance of 2200.5 feet thence North 0°40' west a distance 3005.6 feet to a point thence North 32°42' West a

Show exact depth of bottom.

Bottom of hole 408'

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

Driller's Signature.

43,003

FEB 18 1968

RECEIVED

distance of 758.5 feet to a point in the center of cased well.

13102

STATE OF MONTANA }  
COUNTY OF FLAWEAD } ss  
Filed on the 20 day of June  
A.D. 1968 in 2170 Clerk  
By \_\_\_\_\_  
County Clerk and Recorder  
Dugart

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 Richard L. and Elizabeth Winters

Address Bigfork, Montana

Date well started 7/31/70

completed 8/4/70

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Air Rotary

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

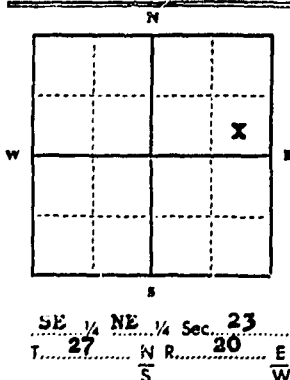
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

\*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). Approximately 4.27 acres

ESTIMATED ANNUAL WITHDRAWAL Unknown

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
7"	7 inch OD	+2'	28'	N	O	N



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

Driller's Signature Walter T. Gibson

Driller's Address 2500 Reserve Street

Missoula, Montana

LICENSE NO. 52

417371

274-2000  
County Flathead 23

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.

Approx.

Top of Ground (Elev. above sea level) 3415'

From (Feet)	To (Feet)	
0	2	Topsoil.
2	10	Cobblestones and boulders.
10	29	Green rock.
29	36	Green and brown rock.
36	42	Green rock.
42	52	Gray rock, some brown rock in alternate layers.
52	71	Gray rock.
71	101	Green rock.
101	133	Gray rock.
133	333	Purple and gray rock.
333	333	Purple and gray rock with white quartz in alternate layers.
333	338	Purple and gray rock.
338	371	Purple and gray rock. Some white quartz.

371 ft. Show exact depth of bottom Water rises in well 319 ft. to surface.

of cement. All water entering well from cracks and seams in the rock below 333 feet. Wells in this area can be depended upon to produce clear sand free water year after year as long as they are not over-pumped, i.e., they should be pumped at rates not in excess of 50 to 60 percent of the tested capacity of the aquifer.

Note: Well located in tract 4 in deed exhibit #383, registered in Book 304 page 752, Flathead County.

14200  
1722  
30  
1722  
1722

File No. ....

TRIPPLICATE

T. 27 N R. 20 W S. 24  
County. Cascade

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 17 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

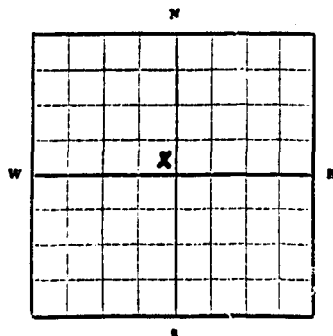
STATE ENGINEER

as joint tenants with right of survivorship

1. Ruth I. Eslick and Henry Eslick / Bigfork  
(Name of Appropriator) (Address) (Town)

County of Flathead State of Montana

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



SE 1/4 NW 1/4 Sec. 26 T 27N R 20W  
SE 1/4 NW 1/4 Sec. 24 T 27N R 20W

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 use and garden irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 13, 1949. Has been in continuous use since May 13, 1949.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Ruth I. Eslick - owner  
Area of about three acres around well in property  
SE 1/4 NW 1/4 Sec. 24 T 27N R 20W

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 Commencement - May 10, 1949; Completion - May 13, 1949

8. The depth of water table About 50 feet to water (50 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 The well is seven (7) inches in diameter, it is one hundred fifty four feet (154) deep with the last six (6) feet in rock. The water level is fifty (50) feet from the top of the well.

10. The estimated amount of groundwater withdrawn each year 95,000 gallon

11. The log of formations encountered in the drilling of each well if available First fifty (50) feet is sand and clay; next ninety eight (98) feet galeasands; last six (6) feet rock.

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 Ruth I. Eslick  
Date 11/20/1963

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 School of Mines and Quadruplicate for the Appropriator.

9608



9977

STATE OF MONTANA ) SS  
COUNTY OF FLATHEAD )

Filed on the 10 day of Dec  
A. D. 1963 at 10 o'clock A.M.

GEM  
County Clerk and Recorder

By M. J.  
Deputy

File No.

GW 2

27 N 20 W 24  
T. R.  
County BlattlesSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner

Driller

Date of Notice of Appropriation of Groundwater

Date well started

Date Completed

Type of well  
(dug, driven, bored or drilled)Equipment Used  
(Churn, drill, rotary or other)Water Use: Domestic ☐  
Industrial ☐Municipal ☐  
Drainage ☐Other ☒  
Stock ☐Irrigation ☐

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)
7" 40	2 3/4"		236			
5" 30	1 5/8"		378			

Static Water Level for non-flowing Well.....40.....feet.

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

Pumping Water Level.....26.4.....feet at.....8 3/4.....gal. per minute.

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

How Tested.....Bailer.....Length of Test.....4-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).....

N.E. 1/4, Sec. 24, T. 27, R. 20

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

454 ft.  
Show exact depth of bottom.

Doc. No. 14130

Filed for record

this 13th day of April

A. D. 1970, at 4:15

o'clock P. M.

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

46544

14130

STATE OF MONTANA  
COUNTY OF PLATHEAR  
Filed on the 13 day of April  
A.D. 1970 at 4:15 P.M.  
Jdm  
County Clerk and Recorder  
By \_\_\_\_\_ Deputy

File No. ....

GW 4

T. 27N R. 20W 24

County. ....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

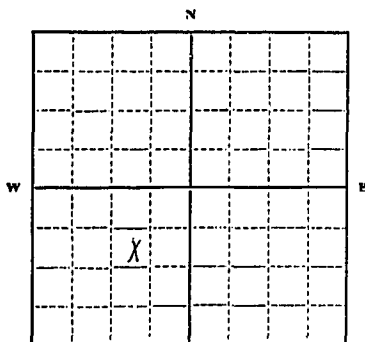
RECEIVED  
JAN 6 1964

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Dalton E. Wellman, of Bigfork  
(Name of Appropriator) (Address) (Town)  
County of Flathead State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 of NW 1/2  
1/4 Sec. 24 T27 R. 20

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  
culinary, livestock and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1937...steady
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 inch pipe full
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  
9 acres
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
centrifugal pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1937
8. The depth of water table 142 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 not known
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 not known

Signature of Owner

Dalton E. WellmanDate December 31, 1968

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.

23207

11037

6/3/12 De  
6/3/12  
Ferm  
kg #

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

TRIPLICATE

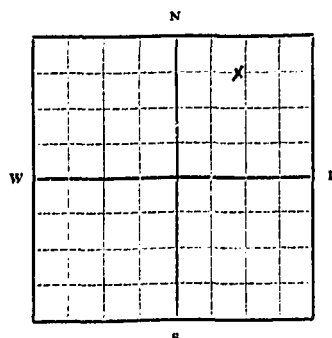
RECEIVED  
DEC 30 1963T 27 N R 20  
County HockettSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERTop of Ground  
(Elev. above sea level) STATE ENGINEER  
0 to 40 Hard pan  
40 to 137 ft  
Summiton Bedrock  
137 feet Shattered  
bedrock  
Total depth  
137 ft.  
**Notice of Completion of Groundwater  
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Owner Edward C. Anderson Address Big Lake, MontDriller Olson & Gusten Address Big Lake, MontDate of Notice of Appropriation of Groundwater None filedDate well started Oct 21-63 Date Completed Oct 25-63Type of well Drilled Equipment Used Churn  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4"	7" 40 32' 33 lb. per ft.	0	49			



NW 1/4 Sec. 28 T27N R20W

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 4.8 feet.Shut-in Pressure for Flowing Well None flowingPumping Water Level 12.2 feet at 6 gal. per minute.Discharge in gal. per min. of flowing well None flowingHow Tested Barber 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)

Driller's License Number 700 55Driller's Signature By: George J. Gusten

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.

14532

10. 11/8

STATE OF MONTANA  
COUNTY OF FLAHEAD

Witness: The 23 day of Dec.  
A.D. 19 13 at 112 6 Clock P.M.

*ben*

County Clerk and Recorder

By

*126*

Deputy

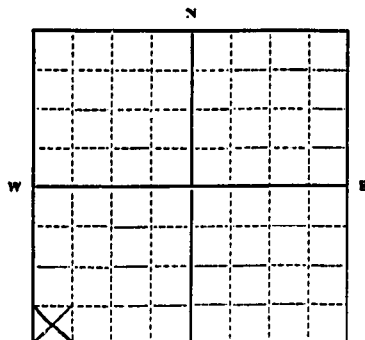
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

I, James A. Dockstader, of Bigfork  
(Name of Appropriator) (Address) (Town)

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



SW, SW, SW,

SW 1/4 Sec. T27 R20

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  
stock and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been The well has been  
used continually since 1921
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Pumps 20 gallons per minute  
when irrigating
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  
Irrigating 18 acres in SW 1/4 of SW 1/4 of  
Section 25 T27 R20. Owner James  
Dockstader
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well  
and electric pump located in south west  
corner of SW 1/4 of SW 1/4 Sec. 25 T27 R20

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater This well was drilled in 1921 by Frances Ripke
8. The depth of water table The well is 212 ft. deep and water comes to within  
45 ft. of top of well.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater One drilled well with 6 inch casing  
212 feet deep and 4 horse electric pump
10. The estimated amount of groundwater withdrawn each year 1,500,000 gallons
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 James A. Dockstader  
Date May 3, 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.



9744

STATE OF MONTANA ' SS  
COUNTY OF FLAHEAD

Filed on the 9 day of May  
A. D. 1962 at 1:41 o'clock M  
DEM  
County Clerk and Recorder

By *[Signature]* Deputy

Department of Natural Resources and Conservation  
Water Resources Division  
Engineering Bureau  
Groundwater Section  
Sam W. Mitchell Building  
Helena, Montana 59601

Owner Warren Hague  
Address Bigfork, Montana 59911  
Location 9 27 N. R. 20 W. Sec. 25  
Doc. No. 14,593

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

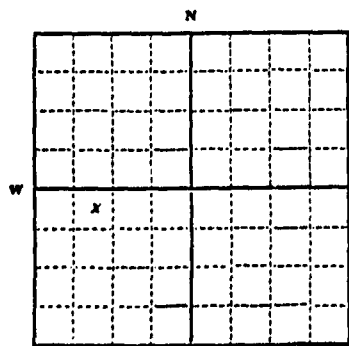
*Please provide as indicated in red on the attached form, the claimed groundwater use. Is this a developed spring?*

*Note: a well is defined as, "any artificial opening or excavation in the ground, however made, by which ground water can be obtained or through which it flows under natural pressures or is artificially withdrawn."*

*Sent on 1/23/73*

*Thank you.*

52,154



NW 1/4 SW 1/4 Sec. 25 T2.7 R.20  
Indicate point of appropriation and place of use, if possible.

Doc. No. 14593  
Date 4/6  
Time 73  
A. M.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dug 12' Hole to Bedrock - Installed 4 sections of concrete culvert diameter 36" - length 36' - Water develops a 9' head in the 12' casing.

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. Installed

a siphon hose - Has been running at a rate of 6 gallons a minute with water level at full head.

Measured by knowing size of container and timing.

Signature of Owner Warren Hague

Date 1/4/73

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

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

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

52,154

GW 3

File No. ....

T. 27 N. R. 20 W.

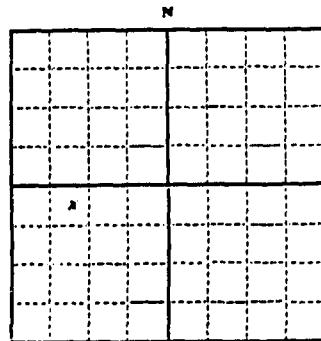
County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 69  
Owner Warren Hogue Address Bigfork Mt.  
Contractor (if any) Tom Smith  
Address of Contractor Bigfork, Montana  
Date Started June 69 Date Completed June 69



NW 1/4 SW 1/4 Sec. 25 T. 27 N. R. 20 W.  
Indicate point of appropriation  
and place of use, if possible.

14593

4/11/73  
73  
A. M.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dug 12' Hole to Bedrock - Installed 4 sections of concrete culvert diameter 36" - length 24' Water develops a 9' head in the 12' casing

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use Installed a siphon hose - Has been running at a rate of 6 gallons a minute with water level of full head

Measured by knocking over container and timing

Signature of Owner Warren Hogue

Date 1/4/73

This form to be prepared by contractor (if any), otherwise by the owner.

Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

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

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

14,593

SEAL OF THE COURT  
COUNTY OF FULTON, N.Y.  
Filed on the 17<sup>th</sup> day of June  
A.D. 1922 at 11:06 O'clock A.M.  
M. J.  
County Clerk and Receiver  
By H.  
Deputy