

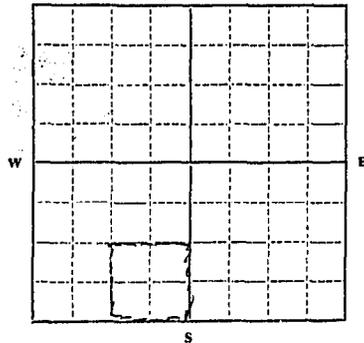
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 15 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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 The estimated amount of groundwater withdrawn each year... 2 million gallons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

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.
P. M.
County Clerk and Recorder
By Deputy

File No. _____

GW 2

T. 27^N R. 20^W 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: Leming, Mont

Driller: Homer McClarty address: 945-8th St. N.

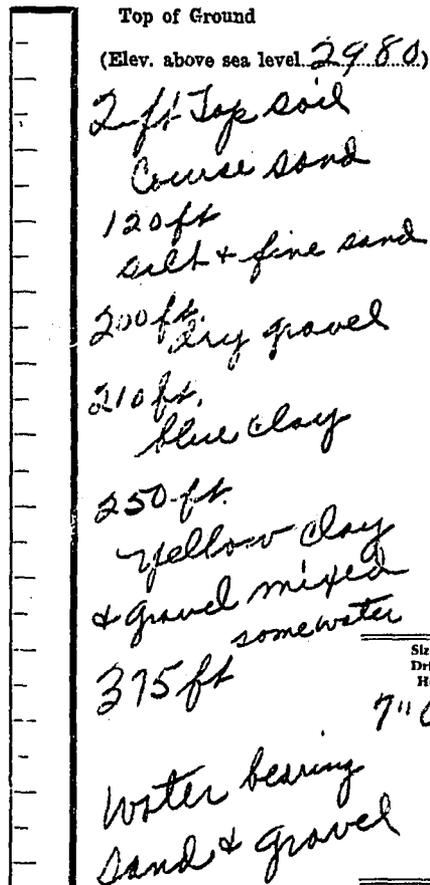
Date of Notice of Appropriation of Groundwater: _____

Date well started: Sept 27/65 Date Completed: Oct 15/65

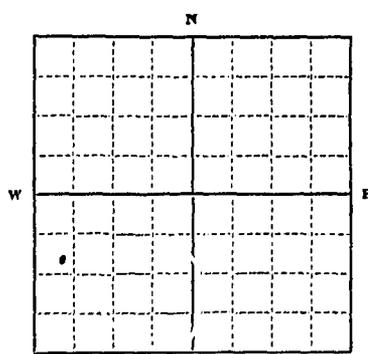
Type of well: Drilled Equipment Used: 2 1/2" Bundy
(Aug, driven, bored or drilled) (Churn, drill, rotary or other) Eml

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.	23#		409			



NW 1/4 Sec 3, T 27 R 20
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

18
Driller's License Number
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

PAID TO THE ORDER OF
65-27-10-20
GEM
m. j.
D. J.

RECEIVED

3711-29² FLATHEAD 13
County Lehr

FEB 28 1972

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

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 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 26, 24, 1972
4:00 p.m.

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

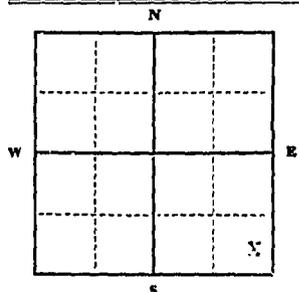
Equipment used Air Rotary
(Churn drill, rotary or other)

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 26,250,000

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		



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 for
for 1 hours.
Power Disc 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.)

SR 1/4 Sec. 13
T. 27 (N) R. 20 E
XSA W

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 - Boulder 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.

414 326

STATE OF MISSISSIPPI } SS
COUNTY OF HANCOCK }
FILED ON 11/28/54 BY *JL*
A. D. 10:24 AM
BY *[Signature]*
COUNTY CLERK

File No.

GW 4

T. 27 N. R. 20 W. 13

County

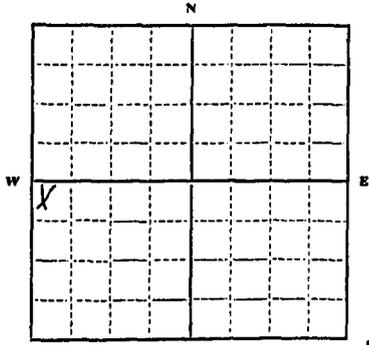
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 8 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



N.W. 1/4 S.W. 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 irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 4-23-45 and has been in continuous use

4. 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 lawn Violet L. Nichols owner.

6. 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 electrically

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Started drilling on April 17, 1945 and well finished Apr. 23, 1945

8. The depth of water table. 55 feet top to bottom

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
Water level 100'

10. The estimated amount of groundwater withdrawn each year. impossible to tell but water is gone day & night thru summer months

11. The log of formations encountered in the drilling of each well if available. first 55 ft sand & clay then glacial mud

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. There's none that I know of.

Signature of Owner Violet L. Nichols

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.

22703

10525

STATE OF TEXAS
COUNTY OF TARRANT 33
Filed on the 30 day of Dec
A. D. 1963 at 2:48 Clock P. M.
Glenn E. Melhance
County Clerk and Recorder
By: Keith
Deputy

GW File No. _____

T 27th 20th W 14

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
Office Of State Engineer

RECEIVED
APR 21 1962

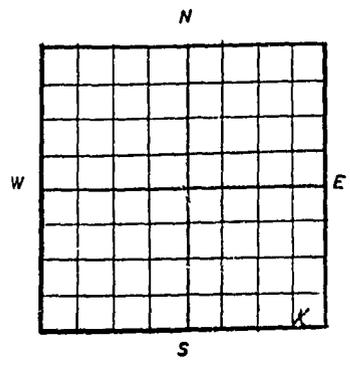
DUPLICATE

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

STATE ENGINEER

1. Lloyd W and Sarah Conardell, of Bozeman Bigfork
name of appropriator address town
County of Blaine State of Montana

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



SE 1/4 S 14 T 27 R 20

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

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

- 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 dug well 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 W 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

COUNTY OF MONTEZUMA
COUNTY CLERK
GIVEN to the 18 day of *Apr.*
1916 at ~~10~~ 10 o'clock *P. M.*
SEM
County Clerk and Recorder
By *BP* Deputy

RECORDED
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. K. Chapell
 Date Started Oct 1955 Date Completed Oct 1955
 Location: Sec. 14 T. 27 R. 20 ¼ sec. NW ¼ NE ¼

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)

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

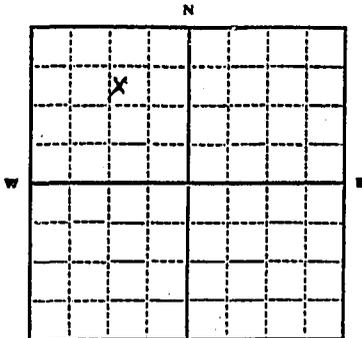
(Under Chapter 237, Montana Session Laws, 1961)

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 T27N 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 NEW YORK)
COUNTY OF FLORHAM,) SS

Filed on the 30th day of Dec
A. D. 1963 at 11 o'clock A. M

WSP
County Clerk and Recorder
By JAP Deputy

File No.

GW 4

T. 27 N R. 20 W - 14

County Flathead

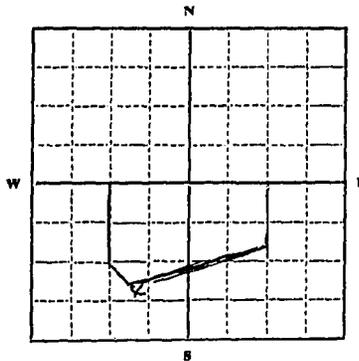
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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:



SE 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. Robinson
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.

117189

STATE OF MONTANA / SS
COUNTY OF FLAHEAD

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

Q b m
County Clerk and Recorder

By *Q N*
Deputy

File No. SEP 14 1966

County Blaine

TRIPPLICATE

Bit No. _____
Bottom _____
Casing _____
Diameter _____
Length _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground (Elev. above sea level 2980.)

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

SE 1/4 NE 5 Sec. 16 T. 27 R. 20

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.

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Owen E. Souverine Lower Valley address Somers, Mont.

Driller Homer McClarty address 945 5th St NW

Date of Notice of Appropriation of Groundwater _____

Date well started June 22, 1966 Date Completed July 9/1966

Type of well Drilled Equipment Used 2 1/2" W.P. Pump (Churn, drill, rotary or other) Edie

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

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

Static Water Level for non-flowing Well _____ feet.

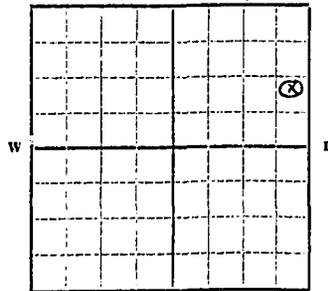
Shut-in Pressure for Flowing Well _____

Pumping Water Level _____ feet at 25 gal. per minute.

Discharge in gal. per min. of flowing well 90 H.P. 24

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) _____



18
Driller's License Number

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 School of Mines and Quadruplicate for the Appropriator.

12.570

22 Aug
66 8:2
218 M
MF

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

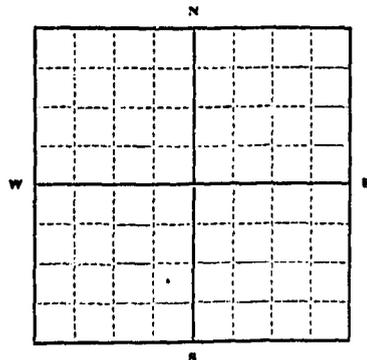
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1964

STATE ENGINEER

1. Edwin H. Schlang, Carin H. Schlang 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 & livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1914

Used continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 350 gal. per hour

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.

Pressure pump inside house

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1914

8. The depth of water table. 27 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.

Development 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 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.

Not available

Signature of Owner Edwin H. Schlang

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.

22919

10749

311
63 103
88 71
D. 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

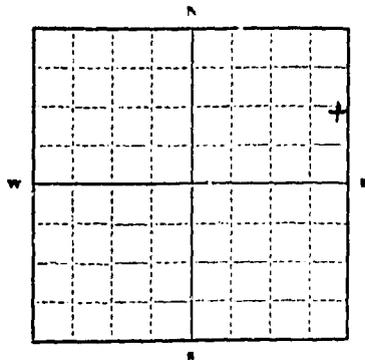
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECORDED
JAN 7 1963

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 continuous 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 withdrawal 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. 20 W. 21
County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

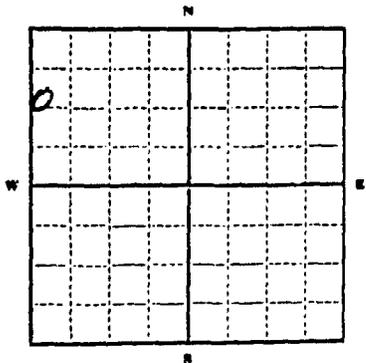
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

Under Chapter 237, Montana Session Laws, 1961

STATE ENGINEER

Mrs. Jeanne Taylor
1. Henry R. 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:



N.W. 1/4 Sec. 21, 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, 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 Jan 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 die

63 11th cl

20 21

at 21

File No.

GW 4

T. 27 N R. 20 W 122
County. Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

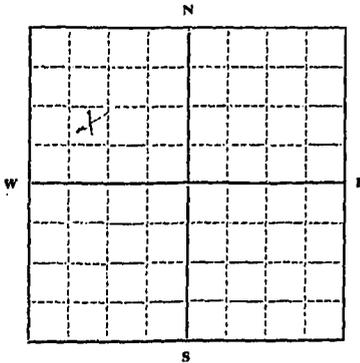
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Walter A Ruff, of Star Rte 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:



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 continuous 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 withdrawal 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.

10519

FILED IN 10519
FILED ON THE 30th DAY OF Dec
A. D. 1863 at 2 1/2 O'clock P. M.
Glen E. Millham
County Clerk and Recorder
By Keith Deputy

RECEIVED
NOV 15 1972

274-20W 23
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

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

(Under Chapter 237 Montana Session Laws, 1961, as amended)
This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller.
Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Kent Gardner
Address Bigfork, Montana
Date well started Oct. 10, 1972
completed Oct. 12, 1972

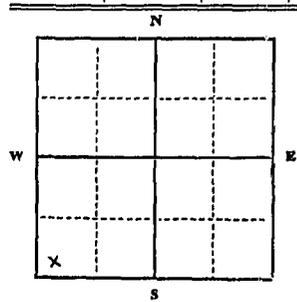
For Administrator's Use File <u>Nov. 13, 1972 2:45 p.m.</u>
GW 1

Type of well Artificial 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.W. 1/4 Sec. 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

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	Sopstone Rock
220	240	Sopstone with green rock
240	260	Sopstone Rock
260	280	Shale Rock
280	300	Shale Rock
300	320	Shale Rock with a little water
320	335	Shale Rock with water

1-FAR

LICENSE NO. 5

335 Show exact depth of bottom

51,804

Det

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

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 ground-water right.

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

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }
Filed on the 14 day of Nov.
A. D. 1972 at 2:45 o'clock P.M.
[Signature]
County Clerk and Recorder
By [Signature] Deputy

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)

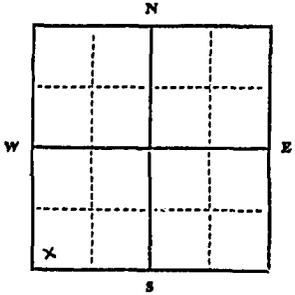
Equipment used Air Rotary
(Churn drill, rotary or other)

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 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. 27 W. Sec. 23
T. 27 N. R. 27 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 sandstone
200	220	Sandstone Rock
220	240	Sandstone with small shale
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

?

14,557

COUNTY OF MONTANA } SS
COUNTY OF FLATHEAD }
Filed on the 13 day of Nov.
1927 at 2 45 o'clock PM
W.D.
County Clerk and Recorder
BY W.D. Deputy

the County Clerk and Recorder, Flathead County, Montana, on October
28, 1968, as Deed Exhibit No. 363;

14272

STATE OF MONTANA
COUNTY OF FLATHEAD) SS
Filed on the 27th day of *Apr*
A. D. 19*68* at *2:40* o'clock *P*M
County Clerk and Recorder
By *[Signature]* Deputy

File No.

1970 24 1070

T 27N R 20W

DUPLICATE

County Flathead

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

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

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

(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)

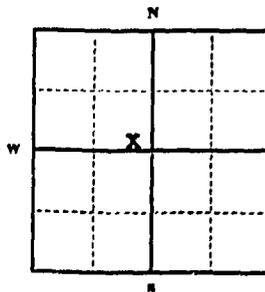
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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 (Foot)	To (Foot)	PERFORATIONS			
				Kind Size	From (Foot)	To (Foot)	
7"	7" OD x 1/2"	+3'	50	N	O	N	E

Doc. No. 14231
Filed for record
this 24 day of November
A. D. 19 70, at 2:10
o'clock P. M.

Water rises in well
219 ft. from surface.



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

SE 1/4
SEC. 23, T. 27N, R. 20W
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.

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
William B. Osburn
Driller's Signature.

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 FLAHEAD, SS
Filed on the 24th day of Nov
A. D. 1970 at 2 o'clock PM
G. E. M.
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

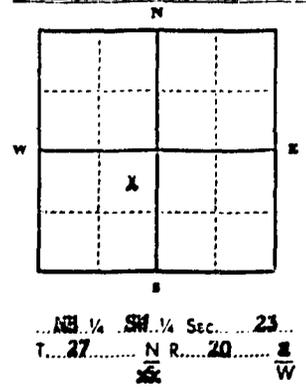
For Administrator's Use	
File <u>14,770</u>	
<u>June 14, 1973</u>	
<u>GW 1 11.35' A.M.</u>	

Type of well urilled (Dug, driven, bored or drilled)
Equipment used Air Rotary (Chain 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	From (Feet)	To (Feet)
8"	5/8" O.D. x .250	+2	32'	N	O	N



Static water level 31' ft.*
Pumping water level _____ ft.*
at 15 gallons per minute,
measured 90 minutes after pumping
began.
*Measured from ground level.
Well developed by air surge
for three hours.
Power Diesel Pump 150 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) Water
entering well through cracks
& seams in the rock formation
below 107'. All wells in this
area can be depended (CONF.)

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

Driller's Signature [Signature]
Driller's Address LIBERTY DRILLING & PUMP CO.
KALISPELL, MONTANA LICENSE NO. 952

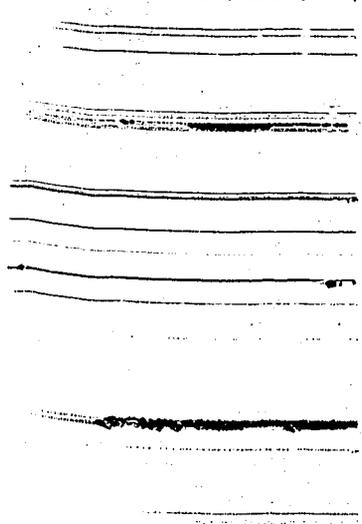
DRILLER'S LOG

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	soil
2	24	Sandy clay & gravel
24	32	Sand, clay with rock
32	47	Purple rock
47	107	Purple rock - Soaps
107	126	Purple rock - Soaps
126	131	Purple rock - Soaps
131	132	Broken purple rock
132	141	Purple rock - Soaps
141	142	Broken purple rock
142	174	Purple rock
174	179	Gray & Green rock
179	187	Purple rock - Soaps
187	227	Purple, gray & green rock

227' Show exact depth of bottom

14,710



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.

STATE OF MONTANA } SS
COUNTY OF ELBERT }
Filed on the 14 day of August
A. D. 1973 at 11:32 o'clock A. M.
M. T.
County Clerk and Recorder
By [Signature] Deputy

File No.

T. 27N R 20W

TRIPLICATE

County Flathead

LOG

JUL 5 1968

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground (Elev. above sea level) Approx. 3000'

- 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. Seep of water.
- 188 - 190 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

Owner Lazy N Ranch, Inc. Address Somers, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

Date well started 4/11/68 Date completed 4/18/68

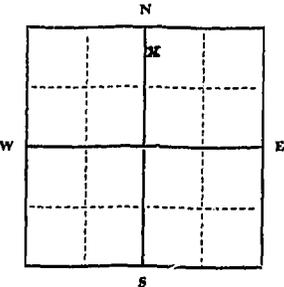
Type of well Drilled Equipment used Air Rotary
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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.

Water rises in the well 175 feet from surface.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" OD x 1/2"	+1'6"	38'7"	NONE		



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-flowing

How Tested Air Lift Pump

Length of Test Two hours

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.

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
William P. Osborne
Driller's Signature.

44, 274

13815

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

RECORDED
INDEXED

50422 0708

Doc. No. 14126
 Filed for record GW 1
 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)

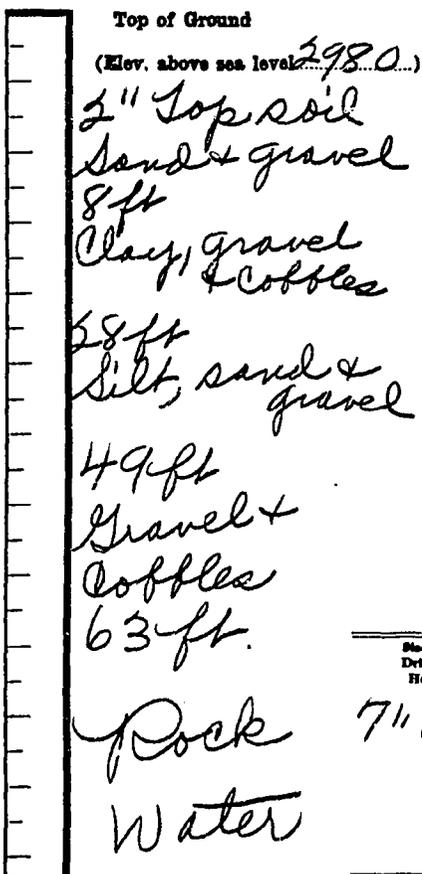
Owner C. D. Morton Address Bigfork, Mont
 Driller Harold McClintock Address 945-8th St. Ft.

Date of Notice of Appropriation of Groundwater.....
 Date well started Mar 16, 1970 Date Completed Mar 27, 70

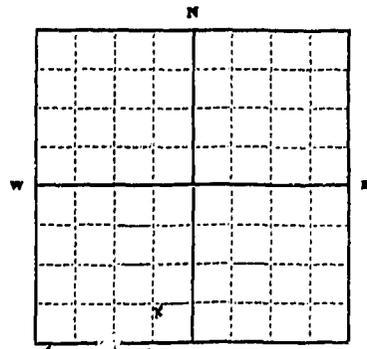
Type of well Drilled Equipment Used 22VY Business
 (dug, driven, bored or drilled) (Churn, drill, rotary or other) Eric

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.



Diameter of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7 1/2" OD	2 3/4"		63			



SE 1/4 Sec. 23 T. 27 R. 20
 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.

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

Merlyn J. Intovsky
Deputy

GW 3

File No.

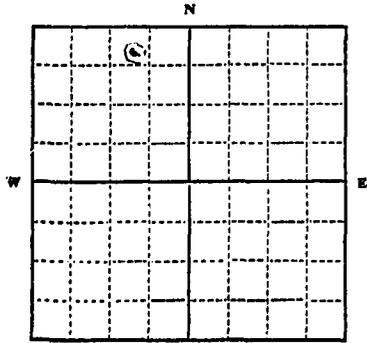
T. 27N R. 20 Sec 23
County Flathead

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



1/2 x 1/4 NW
Indicate point of appropriation
and place of use, if possible.

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

flowing spring

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

11
61 230 see
26 M
JH

File No.

T. 27N R. 20W

DUPLICATE

County Flathead

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1967

(Under Chapter 237, Montana Session Laws, 1961)

Owner... John Paola & 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)

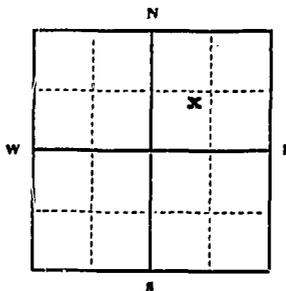
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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.

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.

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

Water rises in the well 323 ft. from surface.



Static Water Level for non-flowing well 323 feet.

Shut-in Pressure for Flowing Well None

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

William P. Dolan
Driller's Signature.

FEB 18 1968

RECEIVED

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

STATE OF MONTANA }
COUNTY OF FLAINEAD } SS
Filed on the 20 day of *June*
A.D. 1968 in Case No. 2170-CL-68
By *[Signature]*
County Clerk and Recorder
Deputy

13102

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

Equipment used Air Rotary

Water Use: Domestic Municipal Stock Irrigation

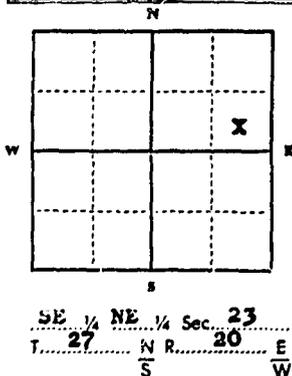
Industrial Drainage Other Garden/Lawn

*Describe

USE: If used for Irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). Approximately 4.27 acres

ESTIMATED ANNUAL WITHDRAWAL Unknown

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



Static water level 319 ft.*
Pumping water level 339 ft.*
at 23 gallons per minute,
measured 9 hours after pumping
began.

*Measured from ground level.
Well developed by Air Lift
for 9 hours. Pump

Power..... HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) annular
space around casing is
grouted from 28 feet
back to 6 feet from
surface with 1/2 barrel
cont.

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

Driller's Signature William T. Cabana

Driller's Address 2500 Reserve Street

Missoula, Montana LICENSE NO. 52

417371

274-2067
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. 3415'

Top of Ground (Elev. above sea level)		
From (Foot)	To (Foot)	
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. Water. 23 GPM
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 732, Flathead County.

14200
1712
30
1918
1919
1920

GW

File No.

TRIPPLICATE

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

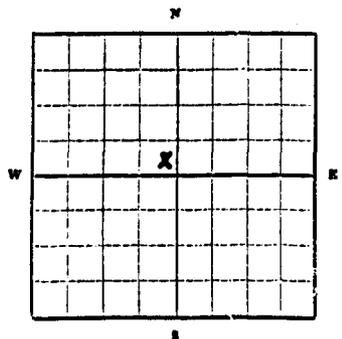
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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 / 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:



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 quartzite; 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: Henry Eslick, 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.

OW 2

27 N 20W 24

T. R. 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 Elmer J. Holland Address Edinboro
Driller Homer McClarty Address 945-8207

Date of Notice of Appropriation of Groundwater.....
Date well started May 26/68 Date Completed July 16/68

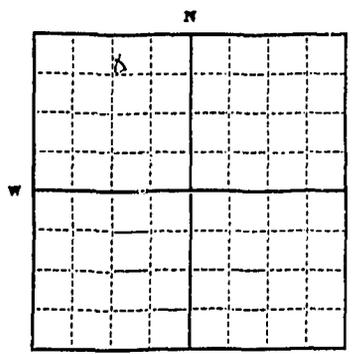
Type of well Drilled Equipment Used 2 1/2" Rotary
(dug, driven, bored or drilled) (Churn, drill, rotary or other) Erie

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Top of Ground ---
(Elev. above sea level 2981)
2 ft Top soil
Sandy clay
60 ft Clay
115 ft Sandy clay
146 ft Hard pan, cream color
186 ft Hard pan, yellow
215 ft Hard pan
Cobbles
+ silt yellow
274 ft Rock
Water

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>7" 40</u>	<u>23#</u>		<u>236</u>			
<u>5" 30</u>	<u>15#</u>		<u>378</u>			



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.

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).....

Doc. No. 14130
Filed for record
this 13th day of April
A. D. 19 70, at 4:15
o'clock P. M.

17
Driller's License Number
Homer M. 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.

46544

14130

STATE OF MONTANA
COUNTY OF PLATHEAR

Filed on the 13 day of April
A.D. 19 70 of 415

[Signature]
County Clerk and Recorder

By *[Signature]* Deputy

File No.

GW 4

T. 27^N R. 20^W 24

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

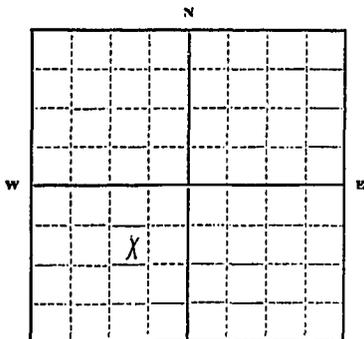
RECEIVED
JAN 6 1964

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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. Wellman

Date 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.

11037

131 Doe
6334
Farm
28 H
Dante

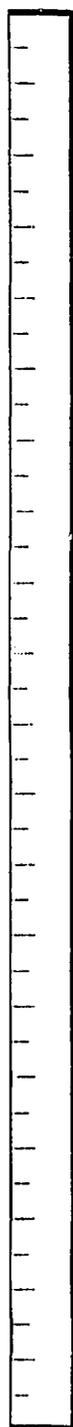
T 27^N R 20 W 25
County Hockett

Form No. _____

RECEIVED
DEC 30 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

TRIPPLICATE



Top of Ground
(Elev. above sea level) 0 to 40 Hard pan
40 to 137 ft
Summiton Bedrock
137 feet Shattered
bedrock
Total depth
137 ft.

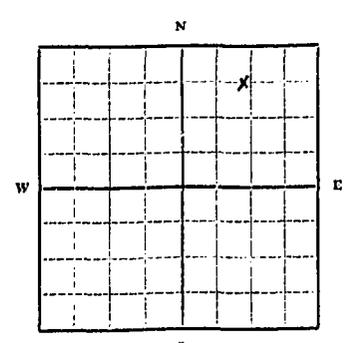
STATE ENGINEER
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Edward C. Anderson Address Big Lake Road
Driller Olson J. Gusten Address Big Lake Road
Date of Notice of Appropriation of Groundwater None filed
Date well started Oct 21-63 Date Completed Oct 25-63
Type 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" OD 23 lbs per ft	0	49			



NW 1/4 Sec. 25 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 48 feet.
Shut-in Pressure for Flowing Well None flowing
Pumping Water Level 122 feet at 6 gal. per minute.
Discharge in gal. per min. of flowing well None flowing
How Tested Back Length of Test 7 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)

7055
Driller's License Number
Olson J. Gusten
By: George J. Gusten
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.

14532

10. 118

STATE OF MICHIGAN
COUNTY OF FLAINGHEAD

Witness to the 23 day of Dec.
A. D. 19 13 at 12 o'clock P. M.

ben
County Clerk and Recorder

By: *[Signature]*
Deputy

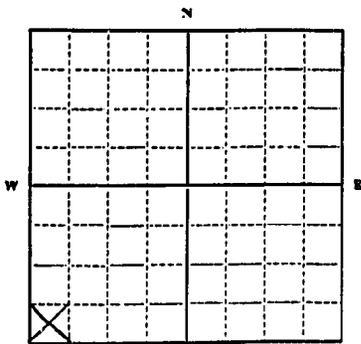
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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 2 1/2 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 8, 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 ' 25
COUNTY OF FLAIBHEAD
Filed on the 9 day of May
A. D. 19 62 at P.M. o'Clock M
P.E.M.
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 T27N. R. 20W. 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:

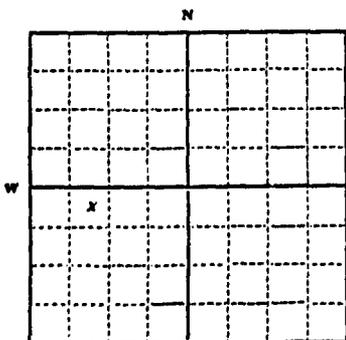
Please provide as indicated in red on the attached form, the claimed groundwater use. Is this a developed spring?

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 pressure or is artificially withdrawn."

Sent on 1/23/73

Thank you.

52,154



NW 1/4 SW 1/4 Sec. 25 T27 N. R. 20 W.

Indicate point of appropriation and place of use, if possible.

Doc. No. 14593
 Date 4/6
 Time 7:30
 Initials 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 of 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

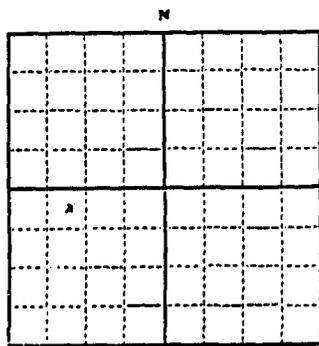
County Flathead

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



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 26' 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

R.G.D. 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 6' head

Measured by knowing size of container and timing
Signature of Owner Warren Hogue

Date 11/4/73

NW 1/4 SW 1/4 Sec. 25 T27 R20

Indicate point of appropriation and place of use, if possible.

14593

4/11/73
A. M.

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.

14593

STATE OF MISSISSIPPI
COUNTY OF [unclear] ss
Filed on the 17th day of June
A. D. 1922 at 11:06 o'clock A. M.
M. J.
County Clerk and Receiver
By [Signature]
Deputy