

1103

STATE OF MONTANA 53  
COUNTY OF FLATHEAD

Filed on the 2 day of Jan  
A. D. 1964 at 8:30 o'clock A. M.

J. E. H.  
County Clerk and Recorder

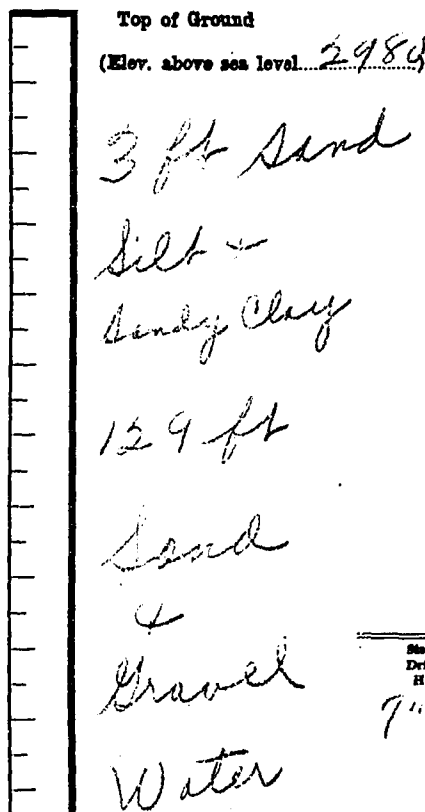
By J. J. H.  
Deputy

RECEIVED

County Flathead

NOV 22 1971

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER



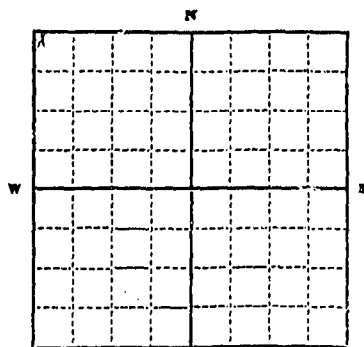
Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner William M. Ludwick Address Rt. 1 Bigfork  
 Driller Thomas McClarty Address 945 - 8th St. Bigfork  
 Date of Notice of Appropriation of Groundwater.....  
 Date well started April 21, 1971 Date Completed April 21, 1971  
 Type of well Drilled Equipment Used 2 1/2" Bucyrus Erie  
 (dug, driven, bored or drilled) (Churn, drill, rotary or other)  
 Water Use: Domestic  Municipal  Other  Irrigation   
 Industrial  Drainage  Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7" O.D.	23"		132			



NW 1/4 NW 28 Sec. 28 T. 27 R. 19  
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.

132 ft  
 Show exact depth of bottom.

Static Water Level for non-flowing Well..... 17 feet.  
 Shut-in Pressure for Flowing Well.....  
 Pumping Water Level..... 70 feet at 25 gal. per minute.  
 Discharge in gal. per min. of flowing well.....  
 How Tested Boiler 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. 14,352  
 Filed for record  
 this 16 day of Nov.  
 A. D. 19 71, at 2:10  
 o'clock P. M.

18  
 Driller's License Number  
Thomas McClarty  
 Driller's Signature  
McClarty Well Drilling

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.

14.352

STATE OF MONTANA }  
COUNTY OF FLATHEAD } SS

Filed on the 16<sup>th</sup> day of Nov  
A.D. 1971 at 2:22 o'clock PM

Scm  
County Clerk and Recorder

By \_\_\_\_\_  
Deputy

File No. ....

GW 4

T. 27<sup>N</sup> R. 19<sup>W</sup> 28

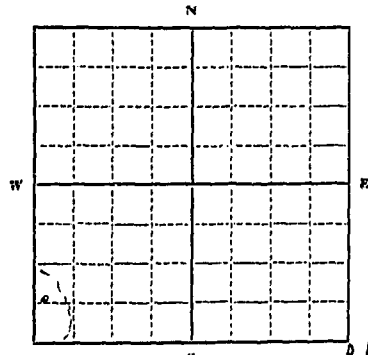
County .....

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)

1. Joseph Stoner and Rachel Stoner, of Route one 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:



Sec. 10 T. 10 S. N. W. R. 19 W.  
1/4 Sec. 28, T. 27, R. 19  
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
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1940. Use has been constant, except when well went dry in winter.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)... to or 15 gals. a minute.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof... Has been used to irrigate strawberry patch about 100 x 100 ft., also corn and garden and flowers.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... Has an electric pump.
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... about 1940.
- 8. The depth of water table... about 3 ft.
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... diag. well, lined with concrete, 3 ft square, 3 ft deep.
- 10. The estimated amount of groundwater withdrawn each year... about 30,000 gal. a year.
- 11. The log of formations encountered in the drilling of each well if available... not drawn  
Book 430  
page 135
- 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 Joseph Stoner  
Rachel Stoner  
Date Dec 27, 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.

10,265

STATE OF MONTANA ) ES  
COUNTY OF FLEETHEAD)

Filed on the 27 day of Dec  
A. D. 1963 at 12<sup>01</sup> Clock M

E. S. M.  
County Clerk and Recorder

By J. J. H.  
Deputy

RECEIVED

2711-196 - 25  
County.....Flathead.....

MAR 30 1973

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD  
DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION  
**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 ..... Anna N. Sudan .....  
Address ..... Bigfork, Montana .....  
..... 59911 .....  
Date well started ..... 3/8/73 .....  
completed ..... 3/13/73 .....

For Administrator's Use
File 141647
MARCH 29, 1973
GW 1 9:30 a.m.

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

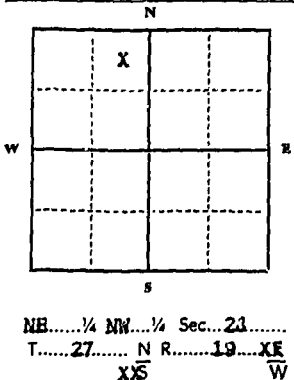
Equipment used Air Rotary .....  
(Churn drill, rotary or other)

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 ..... 25,700,000 gallons .....

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 .250	+2	179'	N	O	N



Static water level ..... 18 ft. \*  
Pumping water level ..... 10 ft. \*  
at ..... 25 ..... gallons per minute,  
measured 90 minutes after pumping began.  
\*Measured from ground level.  
Well developed by air surge .....  
for four ..... hours.  
Power Diesel Pump ..... 150 ..... HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well through the open bottom of the six-inch casing. Wells in this area can be depended upon (CONT.)

Top of Ground Approx (Elev. above sea level) 3025

From (Feet)	To (Feet)	
0	1	Black sandy soil
2	6	Fine silt, sand.
6	43	Fine sand & gravel
43	79	Fine tan sandy silt.
79	136	Tan & gray silt with a few gravels embedded.
136	159	Tight sand & gravel. Seeps
159	174	Sand & gravel mixed with tan silt. Some water.
174	177	Gravel embedded in tan to red clay.
177	179	Sand & gravel mixed with some tan silt.
179	182	Clean coarse sand & gravel. Water.

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

Driller's Signature *William F. DeBarnes*  
Driller's Address LIBERTY DRILLING & PUMP CO.

KALISPELL, MONTANA 59901 LICENSE NO. 52

182' Show exact depth of bottom

to produce clear & sand free water year after year as long as it is not overpumped, i.e., they should not be pumped at rates in excess of 60 to 70 percent of the tested capacity of the aquifer.

STATE OF MONTANA }  
COUNTY OF FLAHEAD } SS  
Filed on the 19th of *March*  
A. D. 19*23* at 9:50 o'clock A. M.  
*M. T.*  
County Clerk and Recorder  
By *[Signature]*  
Deputy

14647

File No. ....

GW 2

T. 27 N R. 19 W 28

County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

OCT 1 1964

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Dwight C. Baker Address Bigfork, Mont

Driller Homer McClintock Address 945-8th St  
Helena, Mont.

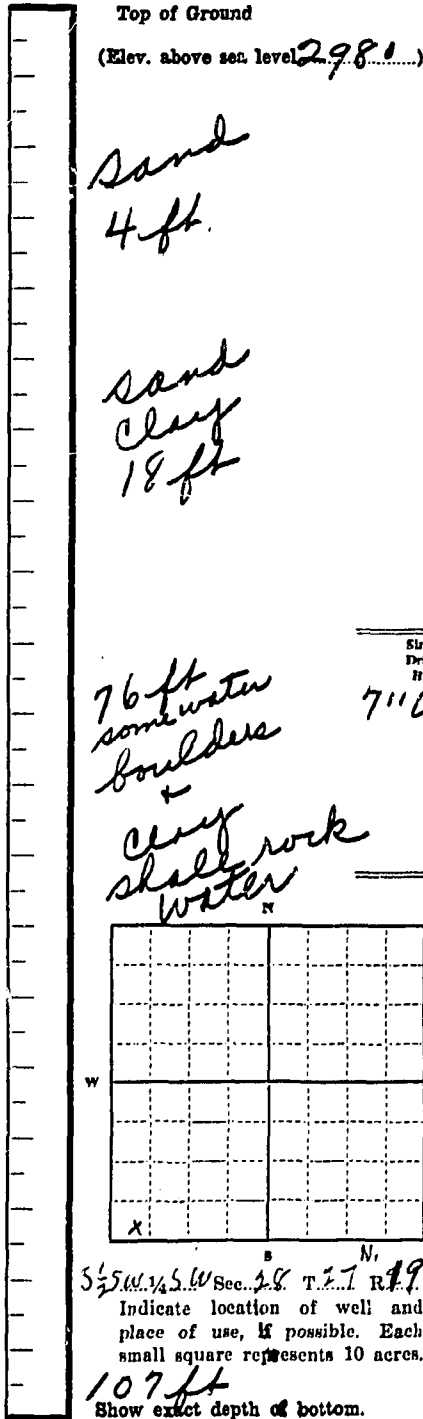
Date of Notice of Appropriation of Groundwater.....

Date well started Jan 29/64 Date Completed Feb 12/64

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

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

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



Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>7 1/2" O.D.</u>	<u>23 #</u>		<u>30' 06"</u>			

Static Water Level for non-flowing Well..... 19 feet.

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

Pumping Water Level..... 910 feet at 6 2/3 gal. per minute.

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

How Tested Bailer 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).....

5 1/2 S.W. 1/4 S.W. Sec. 28 T. 27 N. R. 19 W.

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

107 ft  
Show exact depth of bottom.

Driller's License Number 18

Driller's Signature Homer McClintock

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.

38516



11.525

(1)

14 " 325  
26m  
224

RECEIVED  
JUN 3 1959

T. 27N. R. 19W. 29  
County Blothead

STATE ENGINEER  
MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG

N $\frac{1}{2}$ N $\frac{1}{2}$ NE $\frac{1}{4}$	
	T 14R

Owner Albert L. Steiger Address Bigfork, Rt 1  
Driller Homer McClarty Address 945-8th St. N.  
Date Started Mar. 4, 1959 Date Completed Mar 7, 59  
Location: Sec. 39 T. 27 R. 19  $\frac{1}{4}$  sec. N $\frac{1}{2}$ N $\frac{1}{2}$ NE $\frac{1}{4}$ , N $\frac{1}{2}$ NE $\frac{1}{4}$ NW $\frac{1}{4}$

Type of well drilled Equipment used 22" solid tool  
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic  Municipal  Stock  Irrigation

Industrial  Drainage  Other: steel 20" 7" OD

Casing: 109 ft. to ft. Type Size

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: 25 ft. feet.

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

Pumping water level: 60 feet at 1800 gal. per min. hr.

How tested: bailer

Length of test: 2 hrs

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
	10'	Sand
	22'	surface water
	92'	sand + clay
	103'	hard pan
	105'	water
		Coarse sand
	109ft	water bearing gravel

59 1950  
 Glenn & Hutchinson  
 Hydraulic Engineers

File No. ....

OW: .....

T. 27 N. R. 19 W. 30

County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

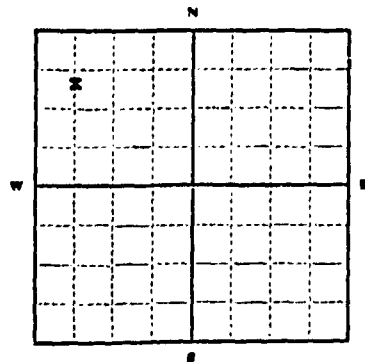
RECEIVED  
JAN 8 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Carl D. Rawlings, of P.O. Box 06, Birkfork  
(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. 30 T27N. R. 19W

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

- 2. The beneficial use on which the claim is based... home and garden use, and orchard
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1954, continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 600 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  
Approximately 2 acres of orchard and garden, owned by the Appropriator, in the vicinity of the well location.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Electric pump in well in NW 1/4 Sec. 30, T27N, R19W.

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... 1974
- 8. The depth of water table... 150 feet water table, well 180 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... 180 feet deep, 3-inch casing, drilled well.
- 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... 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 applicable

Signature of Owner Carl D. Rawlings  
Date 12/21/63

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.

22527

10, 317

STATE OF MONTANA ) SS  
COUNTY OF PLATEAU)

Filed on the 30 day of Dec  
A. D. 1903 at 8:20 o'clock A. M.

J. B. H.  
County Clerk and Recorder

By J. B. H.  
Deputy

Lot 10 Sec 31  
T 27 N R 19 W

31

File No. ....

DUPLICATE

County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 23 1964

STATE ENGINEER

### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Started prior to 1930 & since.

Owner Wanda F. Baillie Address One Prospect Way  
Great Falls, Montana

Contractor (if any) unknown

Address of Contractor unknown

Date Started unknown Date Completed unknown  
(prior to 1930) (Probably prior to 1930)

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Prior to 1930 by several parties including Mr. Schillings—use of fresh water wells, natural spring water and natural runoff water.

Means of obtaining as indicated with sub-irrigation and other natural processes.

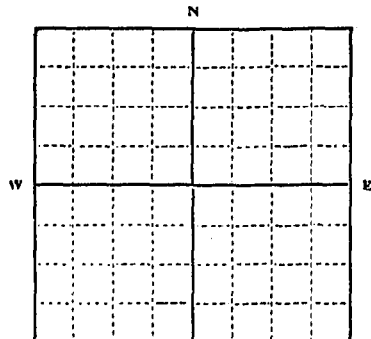
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. Water use for irrigation—water mainly flowed from springs for withdrawal of groundwater; also used for human consumption and livestock; fruit trees. About 30 gallons per minute of water taken from sources of springs; well water 30 gallons per minute.

Signature of Owner Wanda F. Baillie

Date December 30, 1963

Lot 10 Sec. 31,  
Twp 27 R19



38 Acres <sup>6</sup> Lot 10  
..... 1/4 ..... Sec. 31 T27 R. 19.

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

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.

11,168

STATE OF MONTANA ) SS  
COUNTY OF FLATHEAD )  
Filed on the 14<sup>th</sup> day of July  
A. D. 1924 at 3:30 o'clock P.M.  
County Clerk and Recorder  
By: M. J.  
Deputy





14.520

STATE OF MONTANA }  
COUNTY OF FLATHEAD } SS  
Filed on the 26 day of Sept  
A. D. 1972 at 11:30 o'clock AM  
S. C. M.  
County Clerk and Recorder  
By \_\_\_\_\_ Deputy

File No. ....

GW 4

T. 27N R. 19W 33

County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

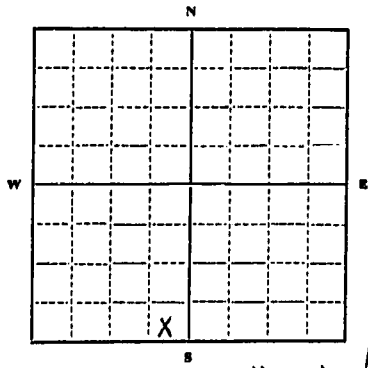
RECEIVED  
JAN 7 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Jack E. Eddy & Rena Mae Eddy 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 SW Sec. 33, T. 27 R. 19

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... Prior to 1940 and continuous since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Approx. 50 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  
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 located at site of well

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

8. The depth of water table... 3 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... none available

10. The estimated amount of groundwater withdrawn each year... 36,000 gal estimate

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

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

Signature of Owner Jack E. Eddy, Rena Mae Eddy  
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.

26678

11,089

STATE OF MISSISSIPPI  
COUNTY OF CLAY COUNTY

Filed on the 2 day of June  
A.D. 1964 at 8:22 o'clock A.M.

JEM  
County Clerk and Recorder

By J. J. H. Deputy

RECEIVED

JUL 10 1972

33

GW 3

File No. ....

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION T. 27 R. 19

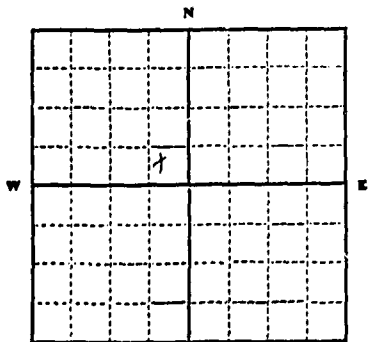
County Flathead

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 Oct. 7  
Owner Aldine Conley Hacherson Address Bigfork, Mont  
Contractor (if any) Dick Conley  
Address of Contractor Bigfork, Mont  
Date Started Oct. 7 Date Completed July 1-72



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

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

SE 1/4 NW Sec. 33 T27 R19  
Indicate point of appropriation and place of use, if possible.

estimate approximate lengths of periods of use. For Domestic - Homeowner  
for 2 houses

Doc. No. 14,453  
Filed for record  
this 6th day of July  
A. D. 19 72, at 10:35  
o'clock P.M.

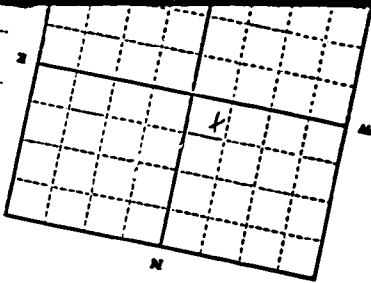
Signature of Owner Aldine Conley Hacherson  
Date July 6-72

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.

50868

Describe means of obtaining & sub-irrigation and other natural water when applicable.

*How developed in Rich Center Agency*



Special Instructions:  
 Please provide, as indicated in red on the attached minute or miner's inches, and the amount of groundwater develop the spring, and the amount of groundwater.

As the Administrator of the Groundwater note of the following special instructions, in water right.  
 Department of Natural Resources and Conservation  
 Water Resources Division  
 Engineering Bureau  
 Groundwater Section  
 Sam W. Mitchell Building  
 Helena, Montana 59601

14453

STATE OF MONTANA } 88  
 COUNTY OF FLATHEAD }  
 Filed on the 14 day of July  
 A. D. 19 72 at 10:00 o'clock A. M.  
 \_\_\_\_\_  
 County Clerk and Recorder  
 By \_\_\_\_\_ Deputy

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

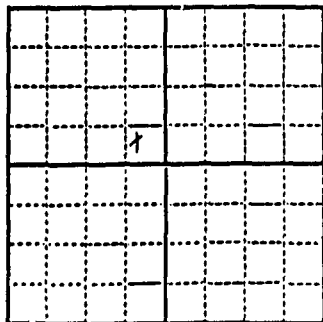
Owner Aldine Harkerson  
 Address Big Fork, MT 59911  
 Location T. 27N R. 19W Sec. 33  
 Doc. No. 14,453

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 method or means used to develop the spring, and the amount of groundwater claimed for use in gallons per minute or miner's inches.

Thank you.



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

How developed? 5 dry wells by Dick Conley Ejecting

Aprox. 500 gal a day per house Electric pump house

\* 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. Daily House use for 2 houses

SE 1/4 NW 1/4 Sec. 33 T27 R19

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

14,453

6th July  
 72 10135

Signature of Owner Aldine Conley Harkerson

Date July 6-72

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.

JUL 10 1972

GW 3

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

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION T. 27 R. 19  
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 Oct 71

Owner Aldine Conley Address Bigfork, Montana

Contractor (if any) Dick Conley

Address of Contractor Bigfork, Montana

Date Started Oct 71 Date Completed July 1-72

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

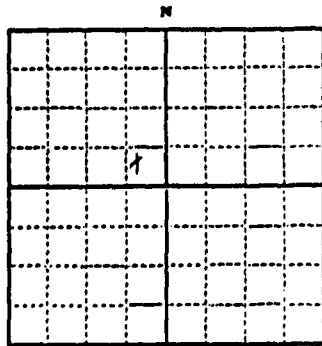
How developed? 5 dry wells by Dick Conley, excavating

Approx 500 gal a day per house. Electric pump per house

\* 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. Daily House use

for 2 houses



SE 1/4 NW 1/4 Sec. 33 T27 R19  
Indicate point of appropriation and place of use, if possible.

14,453  
6th July  
72 10:35  
P.

Signature of Owner Aldine Conley Hutchinson  
Date July 6-72

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.

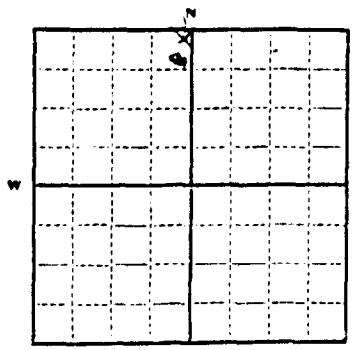
FILE NO. \_\_\_\_\_ STATE ENGINEER  
 DEC 10 1963 T 27 N R 14 W 33  
 County Flathead

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

RECEIVED  
 JUN 24 1963  
 STATE ENGINEER

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

I, Fred C. Kuehn of R.T. 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:



NE 1/4 Sec. 33 T 27 R 14

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 & farm water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1945. Continuously to the present day
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Lower Sprinkling 1/2 acre each way adjacent to well
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. April, 1948
8. The depth of water table. 122 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. 6 inch casing sealed top casing
10. The estimated amount of groundwater withdrawn each year.....
11. The log of formations encountered in the drilling of each well if available. just 3 feet quick sand then clay to 11.7 ft. then 17 ft. rock drilled through to rock bottom. but water with gravel the way up. without the gravel water came up and in a flowing well with about 15 to 20 lbs pressure
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 Fred C. Kuehn  
 Date June 22, 1962

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

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

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

8363



# 9970

STATE OF MONTANA | SS  
COUNTY OF FLATHEAD

Filed on the 9 day of Dec  
A. D. 1963 at 2:45 o'clock P M

J E M  
County Clerk and Recorder

By LK Deputy

File No. ....

T. 27 N. R. 19 W. 1111

DUPLICATE

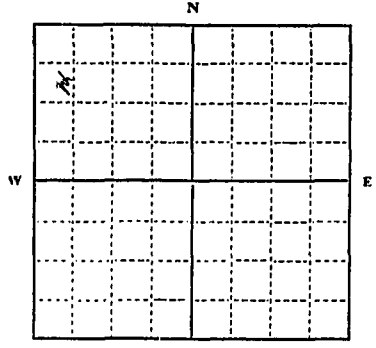
County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

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

1. Martin P. Beam & Alice E. Beam, of R.R. 1, Bigfork  
(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:



5 1/2 - NW 1/4 - NW 1/4 - NW 1/4 N.  
1/4 Sec. 33, T. 27, R. 19 W. 1111

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 Garden & Lawn irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been about Dec 15, 1959  
daily irrigation summer months
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
About 1/4 A.C. law & garden  
Martin & Alice Beam
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Electricity pump one well  
located on lawn in front of house  
above yard & driveway
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
Completed Dec 18, 1959
- 8. The depth of water table App. 60'
- 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  
Electric Pump 3/4" pipe line app. 125 ft in garden  
7 in. casing depth 60 ft
- 10. The estimated amount of groundwater withdrawn each year 100,000
- 11. The log of formations encountered in the drilling of each well if available  
Not Available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record  
Page 500  
Well drilled by Homer Macclary 945, 8th Ave. W.  
Flathead Mont.

Signature of Owner Martin P. Beam  
Date Dec 21, 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, 186

STATE OF MONTANA SS  
COUNTY OF FLAHEADY

Filed on the 26 day of Dec  
A.D. 1963 at 10<sup>30</sup> o'clock A.M.

E. B. M.  
County Clerk and Recorder

By J. T. Deputy



# 14727

STATE OF MONTANA } ss  
COUNTY OF FLATHEAD }  
Filed on the 25 day of June  
A.D. 1922 at 4 o'clock P.M  
MT  
County Clerk and Recorder  
By OP Deputy

File No. ....

GW 4

T. 27N R. 19W

County Flathead

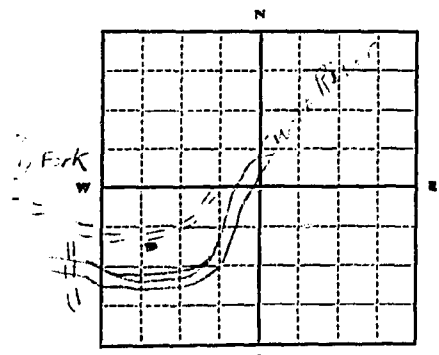
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 23 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Jack C White, of Box 177 Woodville, Texas, (Address) (Town)  
owns 49.98 acres about 2 miles east of Big Fork, State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



lot 8,9  
1/4 35 Sec 27N T. 27N R. 19W

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... water for household irrigating garden and lawn and for chickens and calv

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... about 1930... some use every year.

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... used possibly 10-20 gal. per minute on one hour and off an hour 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... about one acre near house.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... Used Electric pump about 4 years (until renter let it freeze)... hand pump before and since.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... A well was dug about 1950, and was replaced at least once since 1945.

8. The depth of water table... About 8 to 10 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... Eu. well about 15 feet deep.

10. The estimated amount of groundwater withdrawn each year... Probably less than 1 acre foot.

11. The log of formations encountered in the drilling of each well if available... Soil seemed to be loam with boulders... The house is just above the Bear River floodplain.

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... I bought this place in 1941 and lived on it about 19 months... It has been rented since then to several different renters.

Signature of Owner Jack C White  
Date December 30 1963

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

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

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

STATE OF MONTANA  
COUNTY OF FLATHEAD

Filed on the 20 day of Jan  
A. D. 1949 at 10 o'clock A.M

G. L. M.  
County Clerk and Recorder

By MP  
Deputy

Fl. No. \_\_\_\_\_

GW 4

T. 27<sup>N</sup> R. 19<sup>W</sup> 34  
County Flathead

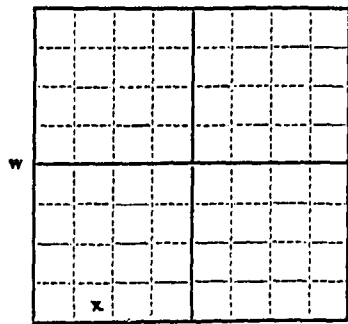
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
SEP 6 1963  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Frank E. + Dora B. Bernard 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  $\frac{1}{4}$  S.W.  $\frac{1}{4}$  Sec. 34 T. 27 R. 19 W

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

- The beneficial use on which the claim is based. House hold yard - Fine Protection garden
- Date or approximate date of earliest beneficial use; and how continuous the use has been. Before 1949 To Date
- The amount of groundwater claimed (in miner's inches or gallons per minute). 400 gal per hr
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Approx. 4 Acre
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric Pump

- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Already in use
- The depth of water table. about 25 ft
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. None
- The estimated amount of groundwater withdrawn each year. 75600
- The log of formations encountered in the drilling of each well if available. Dry Well - Sand + small gravel
- 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 F. E. Bernard  
Date Aug 1st - 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.



9850

STATE OF MONTANA )  
COUNTY OF FLATHEAD ) SS

Filed on the 30 day of Aug  
A. D. 1963 at 9<sup>15</sup> o'clock A. M

DEM  
County Clerk and Recorder

By MJ  
Deputy

File No. ....

GW 4

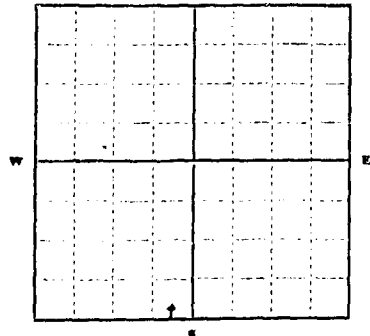
T. 27 N R 19 W - 34  
County FLATHEAD

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

RECEIVED  
DEC 17 1963

1. JESS C BISHOP (Name of Appropriator) of BIGFORK (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:



Sec 5E 1/4 SW Sec 34 T 27 R 17

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 Husnery, Stock & irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1934 - CONTINUOUS

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300 GALLONS 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  
1/2 to 1/2 acre

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 1934 - 1963

8. The depth of water table 22 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 DUG WELL 36" DIAMETER ABOUT 30 FT DEEP CEMENT CURBING

10. The estimated amount of groundwater withdrawn each year 200,000 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 Jess C Bishop  
Date DEC-4-1963

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.

10007

CITY OF MONTGOMERY  
COUNTY OF PLATTSBURGH  
Filed on the 16 day of Dec  
A. D. 1963 at 8<sup>35</sup> o'clock A. M.  
J. B. W.  
County Clerk and Recorder  
By M. T. Deputy

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

OW 4

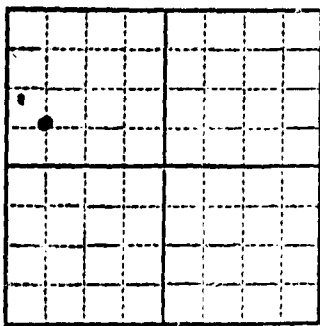
T. 27 N R. 19 W 34  
County Flathead

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

David J. Bolstad (Name of Appropriator) of Rural Bigfork (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:



N. 1/4 Sec. 34 T. 27 N. R. 19  
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. Stone  
some irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Aug 13 1960

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 1200 Gp.M.

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  
N. 1/4 Sec. 34 T. 27 N. R. 19  
David J. Bolstad

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Aug 13 1960

8. The depth of water table. 161 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.  
Construction of three wells at future date?

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

11. The log of formations encountered in the drilling of each well if available.  
1 ft. top soil to 87 ft. sandy soil, at 13' corner sand some water,  
at 147' sand & silt, at 155' corner sand & gravel  
Water at 161 ft.

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.

Wellies Registration No. 165

Signature of Owner David J. Bolstad  
Date Dec 13 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.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

9988

STATE OF MONTANA  
COUNTY OF FLATHEAD  
Filed on the 13 day of Dec  
A. D. 1923 at 5:00 P. M.  
County Clerk and Recorder  
By: F. W. Deputy

File No. ....

GW 4 .

T. 27 N 19 W - 34  
21 R 11 W

County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1984

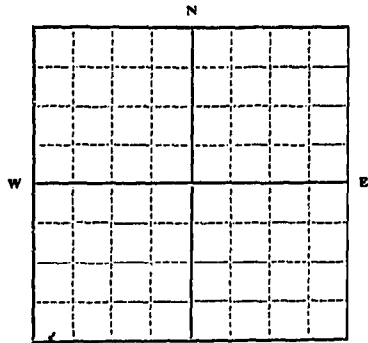
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Clark H Butts and Marguerite A Butts of Beauregard  
(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 34 NW 34 T 27 R 19W  
1/4 Sec T R

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1943 - continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gpm

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

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

Electric Pump  
SW 1/4, SW 1/4 of S 34 T 27, R 19 W.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater approximately 20 years

8. The depth of water table 18 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 24 feet by use of sand pump

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

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

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

Signature of Owner Clark H Butts

Date 12/27/63

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.

22530

10.350

STATE OF MONTANA / SS  
COUNTY OF FLAHEAD

Filed on the 30 day of *dec*  
A. D. 1963 at 8:23 o'clock A. M.

*J. L. M.*  
County Clerk and Recorder

By *J. L. M.*  
Deputy

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

T. 21 R. 19

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

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

Owner A. J. Halverson Address Box 1000, Great Falls, MT

Driller Paul T. Johnson Address Box 1000, Great Falls, MT

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

Date well started 1870 Date completed 5-25-70

Type of well Bored 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.

Top of Ground  
(Elev. above sea level 3090.)

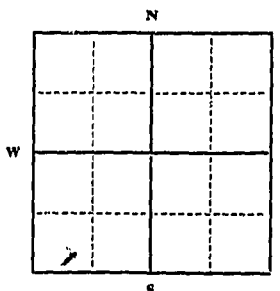
top soil  
Sand and gravel  
to 14'  
Clay shale  
14 1/2'  
gravel  
to 21 1/2'  
glauconitic  
to 47'  
clay to  
sand  
to 52'  
sand  
to 60'  
rock  
to  
154'  
to 151'

Doc. No. 14165 (Continue on reverse side)

Filed for record 23 day of June A. D. 19 70, at 10:25 o'clock A.M.

Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>1 1/2"</u>	<u>17 1/2"</u>	<u>15 1/2'</u>	<u>15 1/2'</u>	<u>none</u>		



Static Water Level for non-flowing well ..... 2.5 feet.

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

Pumping Water Level 4.2 feet at 2 gal. per minute.

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

How Tested Plumb

Length of Test 1 hour

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

1/4 Sec. 22 T. 22 R. 19  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

102  
Driller's License Number

Paul T. Johnson  
Driller's Signature

47275

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.



414,167

STATE OF MONTANA 155  
COUNTY OF FLATHEAD

Filed on the 23<sup>rd</sup> day of June  
A. D. 19 70 at 11:45 o'clock A. M.

*Walter E. McMillan*  
County Clerk and Recorder

By *Donna Peterson*  
Deputy

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

T. 21 R. 19

DUPLICATE

County Fleethus

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

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

Owner A. J. Halverson Address Big Fork Mont.

Driller BOB HUDSON Address Sum Lake  
WATER WELL DRILLING

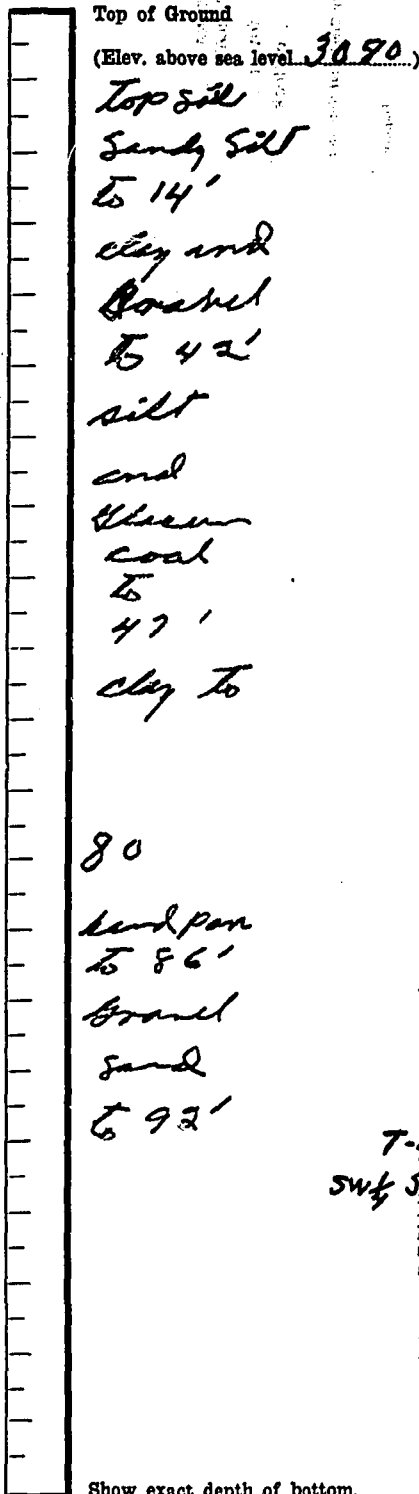
Date of Notice of Appropriation of groundwater \_\_\_\_\_

Date well started 9 10 69 Date completed 9 12 69

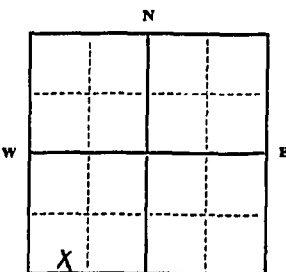
Type of well Drilled Equipment used Chambrell  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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)
<u>5 3/4</u>	<u>6 5/8 OD</u> <u>15 lb.</u> <u>per ft.</u>	<u>+2'</u>	<u>92'</u>	<u>NONE</u>		



Static Water Level for non-flowing well 12 feet.

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

Pumping Water Level 72' feet  
at 1.6 gal. per minute.

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

How Tested Bailer

Length of Test 2 1/2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) none

T-4MA 3727-19  
SW 1/4 Sec. 34 T. 27 R. 19  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show acre.

Show exact depth of bottom.

92

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.

103  
Robert J. Hudson  
Driller's License Number

Robert J. Hudson  
Driller's Signature.

45822

14067

STATE OF MONTANA }  
COUNTY OF FLATHEAD } SS

Filed on the 6 day of Oct  
A.D. 1918 at 11:10 o'clock a.m.

*Sam*  
County Clerk and Recorder

By *Jap* Deputy

File No. ....

GW 4

T. 27<sup>N</sup> R. 19<sup>W</sup> 34

County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

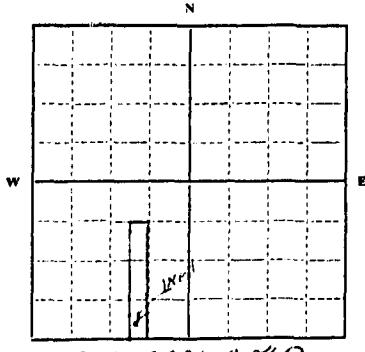
RECEIVED  
MAY 25 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Arthur J. Van Halverson 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:



T. 27 N. R. 19 W.  
SW 1/4 SW 1/4 Sec 34

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 yard - Fire protection - garden
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1956 to date
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 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... Approx 1/4 acre
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... Pumps

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

8. The depth of water table... approx 20 to 25 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater...  
None - except this present well may have to be deepened about 5 feet

10. The estimated amount of groundwater withdrawn each year... 32850 gal per year = 90 gal per day

11. The log of formations encountered in the drilling of each well if available...  
Drug well sand + small gravel

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 Arthur J. Halverson  
Date .....

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

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

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

9486

STATE OF MONTANA / SS  
COUNTY OF FLAHEAD

Filed on the 4 day of Jan. 1963 at 1:00 Clock P.M.

*H. C. M.*

County Clerk and Recorder

By *J. J. H.*

Deputy

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

GW: \_\_\_\_\_

T. 27 N R. 19 W 34

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

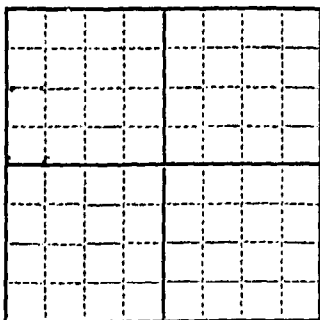
RECEIVED  
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Charles 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:



20 1/4 Sec. 21, T. 27, R. 19

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. Irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1935 Daily
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2.5 gpm
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. 5 acres Johnson
- 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. Not Applicable
- 8. The depth of water table. 14'
- 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. 3' Dia 10' Depth Pump
- 10. The estimated amount of groundwater withdrawn each year. 200,000 Gal
- 11. The log of formations encountered in the drilling of each well if available. Not Applicable
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. Not Applicable

Signature of Owner Charles Johnson

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.

22969

10798

31 dic  
103.119  
30 m  
add

File No. ....

GW 4

T. 27 N. R. 19

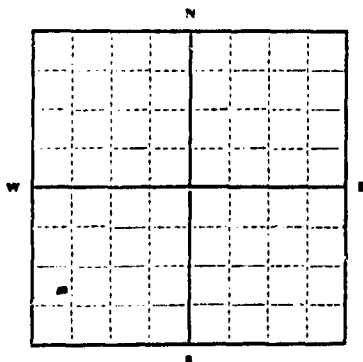
County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JUL 24 1963  
STATE ENGINEER

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

1. Marjorie Higgins of Route 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:



SW 1/4 SW 1/4 Sec. 34 T. 27N R. 19W  
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based.....  
Household and garden use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
Approximately 1945. Continuous use.
- 4. The amount of groundwater claimed (in mixer's inches or gallons per minute).....  
8 gallons per minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....  
irrigate garden, approximately one half acre.  
description same, owner same.
- 3. 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.....  
approximately 1945
- 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.....  
sandpoint, driven approximately 16 feet.
- 10. The estimated amount of groundwater withdrawn each year.....  
550,000 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.....  
none known

Signature of Owner Marjorie Higgins  
Date 7-16-63

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 to the Appropriator.



9807

STATE OF MONTANA )  
COUNTY OF FLATHEAD ) SS  
Filed on the 16 day of July  
A. D. 19 03 at 2 15 o'clock P. M.  
G. B. M.  
County Clerk and Recorder  
By G. B. M.  
Deputy

File No. ....

GW 4

T. 27N R. 19W -34

County Flathead

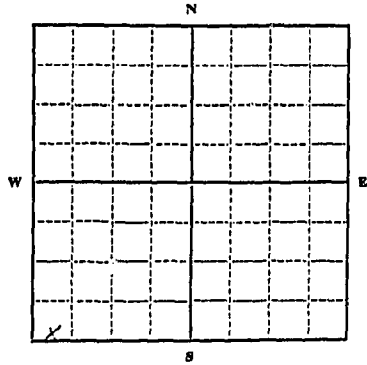
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JUN 24 1963  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Oliver A. and Gerald Higgins of Route 1 Big Fork  
(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:



50' x 200' Sec. 34 T27N R. 19W  
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based household and garden use.  
3. Date or approximate date of earliest beneficial use; and how continuous the use has been approximately 1940 continuous use.  
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gallons per minute.  
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof no irrigation.  
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 approximately 1940.  
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 concrete casing - top 6' is 4" x 5" inside 12' of 3" sound tile - total depth 18'  
10. The estimated amount of groundwater withdrawn each year 60,000.  
11. The log of formations encountered in the drilling of each well if available not available.  
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none known.

Oliver A. Higgins  
Signature of Owner Gerald Higgins  
Date .....

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

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

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

9793

STATE OF MONTANA } SS  
COUNTY OF FLATHEAD }

Filed on the 5 day of July  
A.D. 1963 at 11:00 o'clock A.M.

*H.K.M.*  
County Clerk and Recorder

By *J.P.* Deputy

File No. ....

GW 4

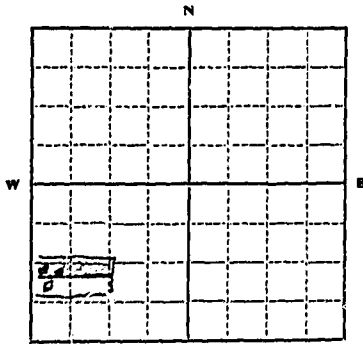
T. 27 N 19 W 34  
County Hathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**Declaration of Vested Groundwater Rights** **RECEIVED**  
**AN 6 1964**  
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER  
Bigfork  
(Town)

1. Clara Nelson, of \_\_\_\_\_, (Name of Appropriator) \_\_\_\_\_, (Address)  
County of Hathead State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/4 Set 34 T 27 R 19  
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  
or irrigation
  3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1935 - constant
  4. The amount of groundwater claimed (in miner's inches or gallons per minute). 50 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. Application for water - 200 acres
  6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric Pumping - Hathead  
1934 R 27 19
  7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1935 + 1953
  8. The depth of water table. 3 ft - 6 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. 12 ft - 12 ft
  10. The estimated amount of groundwater withdrawn each year. 5000 gal - 5000 gal
  11. The log of formations encountered in the drilling of each well if available. none available
  12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.
- Signature of Owner Clara Nelson  
Date 12/27/63

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.

22529

10,349

STATE OF MONTANA )  
COUNTY OF BLAINE ) SS

Filed on the 30 day of Dec  
A. D. 1963 at 8:22 o'clock a M

L. E. M.

County Clerk and Recorder

By J. J. H.

Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—3906

34

File No. ....

Feb 27 1963  
County: Flathead

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEER  
JUL 8 - 1963

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Martin Powell Address: Route 1 Bigfork

Driller: Robert Hudson Address: Swan Lake, Mont

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

Date well started 4-3-63 Date Completed 4-4-63

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

Water Use: Domestic  Municipal  Other  Irrigation   
Industrial  Drainage  Stock

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

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

6 Top soil  
Sand gravel and sly

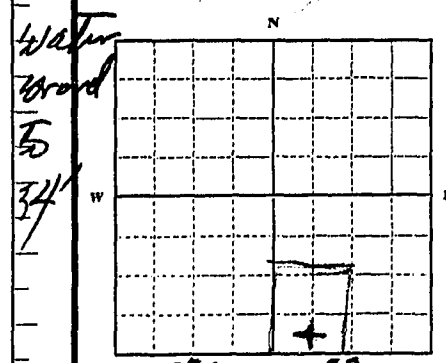
clay

and

Rock  
to 28'

Sandy clay  
and  
Gravel  
to 32 ft

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>5" 3/4"</u>	<u>1 7/8" 67 lb.</u>	<u>- 5</u>	<u>38</u>	<u>none</u>		



SW SE 1/4 Sec 34 33 19  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom. 39'

Static Water Level for non-flowing Well..... 26 feet.

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

Pumping Water Level..... 38 feet at 20 gal. per minute.

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

How Tested..... Bush Length of Test..... 2 hours

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

103  
Driller's License Number  
Robert Hudson  
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.

4920

9777

STATE OF MONTANA )  
COUNTY OF FLAHEAD ) SS

Filed on the 21 day of June  
A. D. 1963 at 10<sup>12</sup> o'clock 9 M

H. E. M.  
County Clerk and Recorder

By [Signature]  
Deputy

File No. ....

GW 4

T. 27 N R. 19 W - 34  
County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

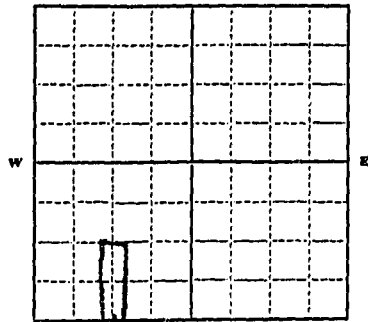
RECEIVED  
JUL 8 - 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



W 1/2 W 1/4 SE 1/4 SW 1/4  
Sec 34 T. 27 N. 19 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 yard fire protection garden of 3 head of cows.*  
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. *1913 to date*

4. The amount of groundwater claimed (in miner's inches or gallons per minute). *200 Gals 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. *1/2 to 1/2 acre*

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. *Spring of 1913 finished in summer of 1913.*

8. The depth of water table. *21 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. *none*

10. The estimated amount of groundwater withdrawn each year. *100,000 Gals*

11. The log of formations encountered in the drilling of each well if available. *Driven Sand pit*

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 *Edward Simpson*  
Date *Jun 12 1963*

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

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

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



9775

STATE OF MONTANA } SS  
COUNTY OF FLATHEAD }

Filed on the 14 day of June  
A. D. 1963 at 10<sup>03</sup> o'clock A M

BEM  
County Clerk and Recorder

By m. J.  
Deputy

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

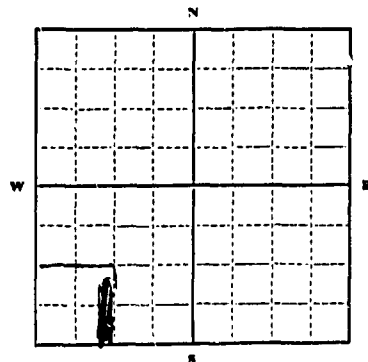
RECEIVED  
AUG 21 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Jerry and Mary E. Sprunger of Bigfork, Mt.  
(Name of Appropriator) (Address) (Town)  
County of Fleethed State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. 34, T. 27, R. 19

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 yard, fire protection & garden
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1957 to date
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 150 gals 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 About 3/4 acre
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 in use.
8. The depth of water table. 25 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. well may have to be dug deeper, perhaps 5 or 6 feet.
10. The estimated amount of groundwater withdrawn each year. 75,000 gals per year, 200 gals per day
11. The log of formations encountered in the drilling of each well if available. Dry well - sand and coarse gravel
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.

Jerry Sprunger  
Signature of Owner. Mary E. Sprunger  
Date Aug 9, 1963

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

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

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

9822

STATE OF MONTANA, SS  
COUNTY OF FLATHEAD

Filed on the 9 day of Aug  
A. D. 1963 at 9:52 o'clock P. M

*Glenn C. Melkane*  
County Clerk and Recorder

By *J.P.* Deputy

File No. ....

GW 4

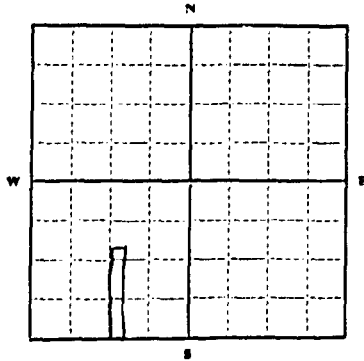
T. 27 N 19 W 34  
County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 10 1963  
STATE ENGINEER

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

1. Leo D. & Lois M. Sudan of R.R. I 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:



E 1/2 W 1/2 SW 1/4 Sec. 34 T. 27 N. 19 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, irrigation & livestock*
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been... *1932 to present date*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)... *500 gpm*
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof... *3/4 acre*
- 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... *1932*
- 8. The depth of water table... *21 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... *2.5 ft*
- 10. The estimated amount of groundwater withdrawn each year... *150,000 gpd*
- 11. The log of formations encountered in the drilling of each well if available... *None*
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record...

Signature of Owner *Leo D. Sudan*  
Date *Dec 4, 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.