

10731

STATE OF MINNESOTA
COUNTY OF ST. LOUIS
FILED FOR THE 31 day of Dec
A.D. 1963 at 9⁵⁴ o'clock AM
J.C. M.
County Clerk and Recorder
By R.D. L.
Deputy

F. No.

GW 4

T. 28N 20E 35

County. FLATHEAD

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

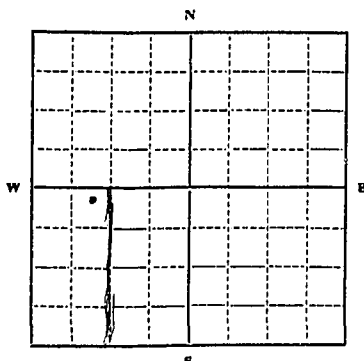
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 30 1963

STATE ENGINEER

1. Thomas P. Yenne, of 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:



W¹/₂ SW 1/4 Sec 35 T. 28 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 and
Agriculture crop and Pasture irrigation

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been June 1940
Daily since June 1940

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) Approx. 50 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
80.56 Acres
Thomas P. & Doris B. Yenne

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater June 1940

8. The depth of water table Approx. 20 feet in June 1940

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, 7 inch casing, 48 feet deep
3 springs flowing not controlled, returning again to underground

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 The estimated amount of groundwater withdrawn each year 10 million gallons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

Signature of Owner Thomas P. Yenne

Date 12/16/63

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 for the Appropriator.

14426

10038

STATE OF MONTANA
COUNTY OF FLAHEAD SS

Filed on the 18 day of Dec
A.D. 1963 at 8:30 o'clock M

J.E.M.
County Clerk and Recorder

By J.O.H.
Deputy

File No. 11

GW 2

T 28 N 20 WCounty 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 Russell Buck Address 120-3rd St, WhitefishDriller Argyle Hendrickson Address Rte. 3, Kalispell

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

Date well started Jan. 3, 1966 Date Completed Jan. 11, 1966Type of well Drilled Equipment Used Drill
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☒
Industrial ☐ Drainage ☐ Stock ☒

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

over
Top of Ground
(Elev. above sea level 2959)

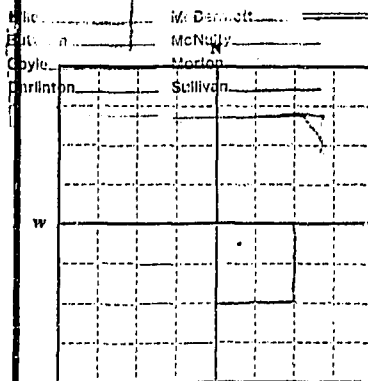
Scale:
1 space = 5 Feet

Glacial Mud - 66'water encounteredWater Sand - 36'

Bottom of Well
92

STATE WATER CONSERVATION BOARD

MAP 10 1966



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

Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	7" OD 24 Lbs.	0	92	X	X	X

Static Water Level for non-flowing Well Not Applicable feet.Shut-in Pressure for Flowing Well 10 lbs.Pumping Water Level Did not bail down gal. per minute.Discharge in gal. per min. of flowing well 30How Tested Bailer Length of Test 1 Hour

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

Commercial Seal
Irrigate lawn and garden

153
Driller's License Number

Argyle Hendrickson
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.

10896

11987

COUNTY OF PLATONIA, SS

Filed on the 1 day of Feb
A.D. 1966 at 2:25 o'clock P.M.

BEM

County Clerk and Recorder

By

Deputy

County Flethred

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1964

STATE ENGINEER

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 For domestic
yard garden, livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1943
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal. min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
1 acre, home garden
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 April 1943 June 1943
8. The depth of water table 142 ft up to 75 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 water well 22" casing, approx 142 ft deep, water comes in within 2 ft of the surface, and is about 100 ft from the surface with 1/2" in diameter pipe about 100 ft
10. The estimated amount of groundwater withdrawn each year 10,512,000
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

Date Dec 30 1963

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.

22620

10441

RECEIVED
U.S. DEPARTMENT OF JUSTICE
FEDERAL BUREAU OF INVESTIGATION
APR 12 1963 30
APR 12 1963 at 12:13 P.M.
L.B.M.
By [Signature] Deputy
Special Agent in Charge

GROUNDWATER INDEX

County Flathead

Twp. 297

Rge. 194

[illegible]

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

Owner Linda L. Williams 58901
Address Rt #4, Mt. Break-Hal, 5, 211
Location 1.28 N. R. 19 W. Sec. 6
Doc. No. 14,503

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.

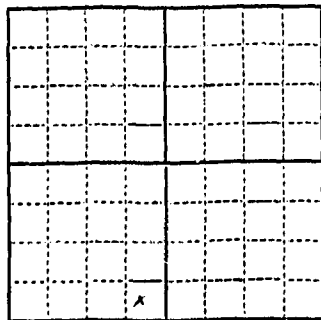
Special Instructions:

Please provide, as indicated in red on the attached form, the means or method used to develop the spring, and the amount of groundwater claimed for use in gallons per minute.

Thank you.

11/17/72

51,327



N. W. 1/4 Sec. 6 T. 28 N. R. 19 W.

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. 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.

House Use - irrigation + livestock

Signature of Owner Linda L. Williams

Date Sept 4, 1972

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.

Doc. No. 14,503
Filed for record
this 6 day of Sept
A. D. 19 72 at 2:49
o'clock P.M.

H.F.

51,327

GW 3

File No.

T. 25 R. 17

County Helena

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 227 Montana Session Laws, 1961)

Date of Appropriation of Groundwater May 1965

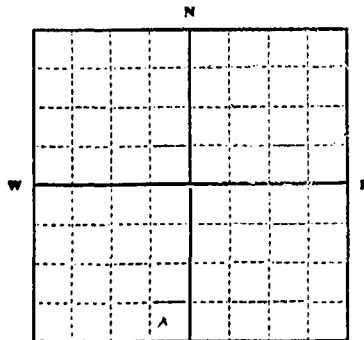
Owner James L. Nelson Address Box 144, Kal

Contractor (if any) Self

Address of Contractor

Date Started May 1965 Date Completed Nov 1968

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



1/4 Sec. 6 T. 25 R. 17

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

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

House, 1600, irrigation, 1 block south

Signature of Owner James L. Nelson

Date Sept 4, 1972

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.

Doc. No. 14,503
Filed 6 Sept
A.C. 72 2.49
Clerk R

51,327

17-503

STATE OF MISSISSIPPI ss
COUNTY OF HANCOCK
Filed on the 6 day of Sept
A.D. 1922 at 11 o'clock P.M.
Sam
County Clerk and Recorder
By Sam
County

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.

(Jones P.)

Owner J. P. Montgomery

Address Specimen Rte. 4

Kalispell, Montana

Date well started Feb. 23, 1973

completed Feb. 23, 1973

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used rotary

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

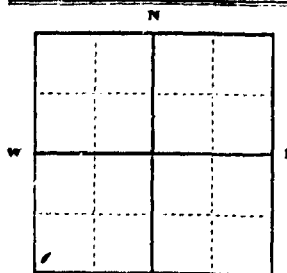
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
7"	6 5/8" 17	0	124	
6"	1 1/2" 26"	124	157	



Static water level 150 ft.*
Pumping water level 158 ft.*
at 1.25 gallons per minute,
measured 4 minutes after pumping
began.

*Measured from ground level.

Well developed by 17

for 6 hours.

Power Pump HP

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

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

Driller's Signature J. P. Montgomery

Driller's Address Montgomery's, Inc.

4 Fork, Montana 59911

LICENSE NO. 5

DRILLER'S LOG

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

Top of Ground		(Elev. where set level)
From (Feet)	To (Feet)	
0	10	soil
10	60	clay
60	80	fractured sand & gravel
80	168	soil & gravel

168 Show exact depth of bottom

53081

14674

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }

Filed on the 14th day of May
A.D. 1913 at 1:15 o'clock PM

M L
County Clerk and Recorder

By dl
Deputy

GW

File No.

DUPLICATE

T 78 R 19

County Flathead

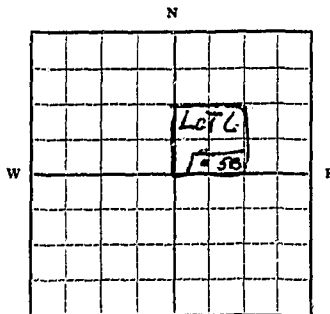
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

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

STATE ENGINEER

1. Jacob E. Gibson of Route 4 Kalispell
(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. 5B
in Lot 6
1/4 Sec. 18, T. 28, R. 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 Home, or household use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Since year of 1925
and has been continuously used since
year of 1925
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Not applicable
But always enough for home or household use
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 for garden around house
in tract 5B of Lot 6, Sec. 18, T. 28, R. 19, W.
for Jacob E. Gibson & family & owner of
property is Jacob E. Gibson
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by pump and under ground pipe
to house
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater year of 1925
8. The depth of water table approximate 6 feet to 12 feet
water-level varies according to seasons or years
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
hand dug well to depth of approximate 12 feet
curbed in
size of well is approximate 5 feet in diameter & 12 ft deep
10. The estimated amount of groundwater withdrawn each year not applicable
11. The log of formations encountered in the drilling of each well if available dirt, gravel, then rock
this well dug & curbed in by Jacob E. Gibson year of 1925
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
This tract 5B is recorded at court house Kalispell Montana

Signature of Owner Jacob E. GibsonDate January 23 - 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 School of Mines and Quadruplicate for the Appropriator.

1263

CLERK OF MONTGOMERY CO
COUNTY OF MONTGOMERY
Filed on the 23rd day of Jan
A. D. 1962 at 3:30 o'clock M
J. E. M.
County Clerk and Recorder
By M. J. Deputy

47

GW3

File No.

DUPLICATE

T 28 R 19

County Flathead

RECEIVED
JAN 29 1962

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater January 22-1962

Owner Jacob E. Gibson Address Rural Route 4

Contractor (if any) none Helishell Montana

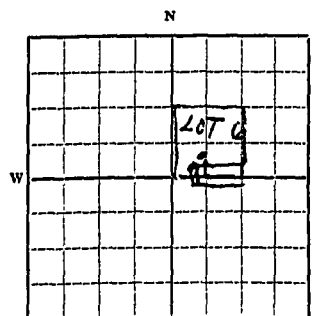
Address of Contractor none

Date Started approximate year same Date Completed 1965

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

dug by hand and made into a spring well. Carb-in
approximate of Develop Spring well

5 ft x 5 ft square x 10 feet deep
water level varies according to season
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
some years in the past. a pump has been used



Lot 6
1/4 Sec 18 T28 R19N

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

The year around for poultry and
water for irrigation from livestock use
above mention Spring is April thru October for irrigation
to be used on lot 6 and extra water for home or horse use
also tract 5B of lot 6
also tract 1B of the NW 1/4 of
the SE 1/4 of Sec 18 T28-R19N
all in

Signature of Owner Jacob Edward Gibson

Date January 22-1962

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 School of Mines and Quadruplicate for the Appropriator.

9103

STATE OF MONTANA 1 SS
COUNTY OF FLATHEAD
Filed on the 22 day of Jan
A. D. 1962 at 3:45 o'clock P. M.
36 m.
County Clerk and Recorder
By m. J.
Deputy

File No.

GW 4

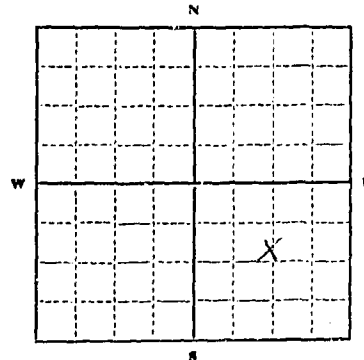
T. 28^N R. 19^W 18
County FlatheadSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1964

STATE ENGINEER

1. Mildred M. Harvey, of Route 1 Kalispell
(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. 18 T. 28 N. R. 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 thickbed
law and garden3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been Oct 25, 19554. The amount of groundwater claimed (in miner's inches or gallons
per minute) 300 gal5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal 1/4 horse submersible pump7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater Oct 10 620 1955

8. The depth of water table

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

10. The estimated amount of groundwater withdrawn each year

11. The log of formations encountered in the drilling of each well if available 30 ft clay
and gravel 77 ft gravel12. 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

Mildred M. Harvey
Date Dec 31, 1963Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is
located.

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

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

22931

10761

31 Dec
13 10²⁷ a.m.
2007
10.4

File No.

T. 23N. R. 19W

TRIPLICATE

County. Fleets

LOG

Top of Ground

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

Top Soil
Silty clay
and rock
to 40'
18-1-15
50'

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)

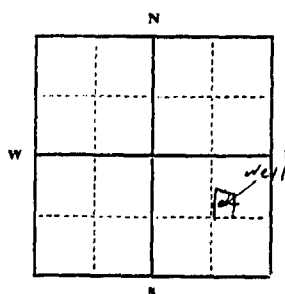
Owner Paul J. Hup... Address ...Driller Robert Hudson Address Swan Lake Mont

Date of Notice of appropriation of groundwater.....

Date well started 3-7-68 Date completed 3-13-68Type 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)
5 3/4"	6" 20 lb 17 lb	0	51	None		



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

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

Pumping Water Level 78 feet
at 1/2 gal. per minute.

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

How Tested Open

Length of Test.....

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

N 1/4 Sec. 8 T 23N R 19W
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).

51'
Show exact depth of bottom.

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

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

103
Driller's License Number

Driller's Signature

44,653

13880

STATE OF MONTANA
COUNTY OF FLATHEAD { SS
Filed on the 13 day of Apr
A.D. 1968 at 10⁰⁰ o'clock A.M.
County Clerk and Recorder
By Deputy

File No.

T. 25 R. 11
County Beaverhead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 4 1964

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater:

Owner John Frank Address R.R. 4, Haysville

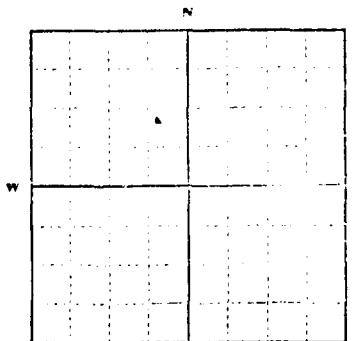
Contractor (if any) None

Address of Contractor:

Date Started Unknown Date Completed Unknown

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

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:

Used to a limited
extent for irrigation

NE 1/4 Sec. 28 T. 19 N.
Indicate point of appropriation
and place of use, if possible.

Signature of Owner

John Frank
Date March 2, 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.

35046

11202

IN SENATE
JANUARY 11, 1967
Read on the Senate Floor
A.D. 1967 at 12:00 O'clock P.M.
Glen E. Millhouse
County Clerk and Ex-officio
By *Donna Thacker*
Deputy

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner Kenneth Sutter

Address Box 11, Kalispell, Mont.

Date well started 8-28-70

completed 9-14-70

Type of well Drilled

Equipment used Churn

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

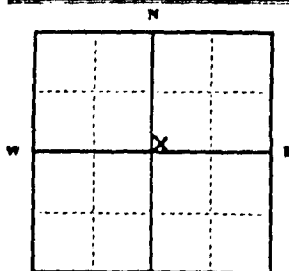
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*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 120,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
7"	7" 40 30#	0	57	None



SW 1/4 NE 1/4 Sec. 18
T. 28 N. R. 19 W.

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

Driller's Signature James H. Walker

Driller's Address Box 11, Kalispell, Mont.

LICENSE NO. 181

County Flathead

DRILLER'S LOG

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

Top of Ground (Elev. above sea level) 3500

From (Feet)	To (Feet)	
0	21	Clay + Boulder
21	23	600 K&S
23	24	Water
24	27	Rock
27	28	Water
28	29	Gravel
29	30	Gravel
30	31	Gravel
31	32	Gravel
32	33	Gravel
33	34	Gravel
34	35	Gravel
35	36	Gravel
36	37	Gravel
37	38	Gravel
38	39	Gravel
39	40	Gravel
40	41	Gravel
41	42	Gravel
42	43	Gravel
43	44	Gravel
44	45	Gravel
45	46	Gravel
46	47	Gravel
47	48	Gravel
48	49	Gravel
49	50	Gravel
50	51	Gravel
51	52	Gravel
52	53	Gravel
53	54	Gravel
54	55	Gravel
55	56	Gravel
56	57	Gravel

57' Show exact depth of bottom

11/15/55

14.209

STATE OF MONTANA)
COUNTY OF BLAINE)

Filed on the 17 day of Sept
A.D. 1970 at 9 o'clock A.M.

Elm

By  Deputy Clerk and Recorder

Deputy

File No.

TRIPPLICATE

Top of Ground

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

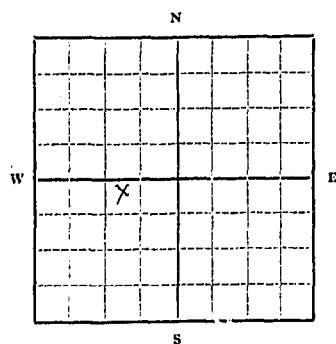
0 to 6 ft Soil & shale rock

6 to 32 ft Silt and boulders

32 to 47 ft Hard sand

47 to 172 ft Intermittent
strata of decomposed
and solid limestone.172 to 188 ft solid
limestone188 to 189 ft shattered
limestone with water

Total depth 189 ft.



S. 2. 1/4 S.W. Sec. 19 T. 28 N. R. 7

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

Show exact depth of bottom.

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner John N. Taylor & Edith Taylor Address Kalispell, Mont.

Driller Elmer J. Justice Address Col. Falls, Mont.

Date of Notice of Appropriation of Groundwater None filed

Date well started Feb 27 - 63 Date Completed March 12 - 63

Type of well Drilled Equipment Used Churn
(dug, driven, bored or (Churn, drill, rotary or
drilled) 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)
7"	7" 20 23 lb. per ft	0	172	7"		

Static Water Level for non-flowing Well 45 feet.

Shut-in Pressure for Flowing Well Non flowing

Pumping Water Level 9.0 feet at 15 gal. per minute.

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

How Tested Driller Length of Test 3 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff, loca-
tion 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) 15

Driller's License Number 76055

Driller's Signature Elmer J. Justice

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Re-
corder 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.

22696

10518

30th Dec
1863
Glen & Mulhane
County Kerry and London
By Chith Deputy

T 28 N R 19 W

County El Paso

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

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

Date of Notice of appropriation of groundwater.

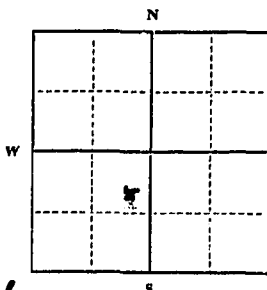
Date well started Sept 1967 Date completed Sept 10

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)
8 3/8	6 5/8 OD 17 1/2 FT	60	137			
etc						
4" OD	7" OD + 8"		60'			
22 1/2 FT						
					none	



Static Water Level for non-flowing well43.....feet.

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

Pumping Water Level...45.....feet

at 16.....gal. per minute.

Discharge in gal. per min. of flowing well

How Tested.....

Length of Test..... 2 1/2 hrs.

Remarks: (Gravel packing, cementing, pack-
ers, type of shutoff).....

..... $\frac{1}{4}$Sec..... T..... R.....
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).

137'
Show exact depth of bottom.

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

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

Driller's License Number

Robert Hudson
Driller's Signature.

47377

14,201

STATE OF MONTANA
COUNTY OF FLATHEAD

Filed on the 18 day of Aug
A.D. 1970 at 3:45 o'clock P.M.

By *Jim*
Jim County Clerk and Recorder

Deputy

Correction of SW # 2
17, 201

STATE OF MONTANA } ES
COUNTY OF DEWEEDE }
Filed on the 11 day of Oct
A.D. 1972 at 2:20 o'clock P.M.
MT
County Clerk as of 1972
By STH Deputy

File No. _____
ORIGINAL

T. 19 N. R. 19 W.
County Hill

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 Dana Coulson Address Box 100, Trout

Driller Robert Hill Address Spain Lake, Hill

Date of Notice of appropriation of groundwater _____

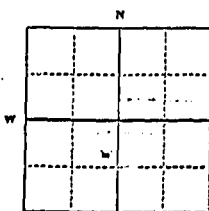
Date well started Sept 12, 62 Date completed Sept 10

Type of well Drilled Equipment used 2 1/2" Drill
(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	From (Feet)	To (Feet)
6 3/4"	6 7/8" OD	0	15'			
	11 1/4"					
	7" OD	15'	10'			



Static Water Level for non-flowing well _____ feet.

Shut-in Pressure for Flowing Well _____ feet

Pumping Water Level _____ feet

at _____ gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Flowing

Length of Test 2 1/2 hrs

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff) _____

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
Driller's License Number

Robert Hill
Driller's Signature

14.261

GW:

File No.

DUPLICATE

RECEIVED

T. 28 N. R. 19 W. S. 20

County

Blotched

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Top of Ground

(Elev. above sea level 2980.)

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

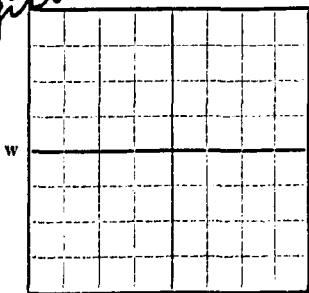
Owner *Albert Harvey* Address *Rt 4 Kalispell*Driller *Homer McClarty* Address *945-8th Ave N Kalispell*

Date of Notice of Appropriation of Groundwater

Date well started *Jan 20/62* Date Completed *Feb 10/62*Type of well *Drilled* Equipment Used *22W/Bucyrus*
(dug, driven, bored or (Churn, drill, rotary or
drilled) 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.

to
7 ft.
to Gravel
56 ft.
Gravel
84 ft.
Gravel
with boulders
gray clay
fine sand
little water
98 ft.
coarse sand
little water

S $\frac{1}{2}$ NW $\frac{1}{4}$ Sec 20 T28 R19

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

107 ft. water
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)
		23 ft.	Top			107 ft.

Static Water Level for non-flowing Well *62* feet.

Shut-in Pressure for Flowing Well

Pumping Water Level *100* feet at *25* 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)

State 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.

9291

STATE OF MICHIGAN
COUNTY OF FLATHEAD
Filed on the 30 day of May
A. D. 1962 at 11:57 a.m. C. A.
S E M
County Clerk and Recorder
By M. J.
Deputy

52,757

14,662

STATE OF MONTANA
COUNTY OF FLAHERTY SS
Filed on the 18 day of April
A.D. 1973 at 1:00 o'clock P.M.
M.T.
County Clerk and Recorder
By: [Signature] Deputy

GW

File No. _____

2 miles?

T 28N-19W 20

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
Office Of State Engineer

County _____

DUPLICATE

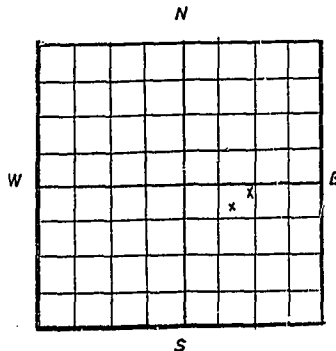
DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chap. 237 Mont. Session Laws, 1961)

RECEIVED
JAN 14 1962

STATE ENGINEER

1. Philip E. or Rebecca Trablik, of R.R. 4 Kalispell
name of appropriator address town
County of Flathead State of Montana

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



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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been unknown
1948

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal.

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

N.W. 1/4 S.E. 20 T. 28 N. R. 19 W. 20

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

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

pump

7. Date of commencement & completion of construction of well, wells, or other works for withdrawal of groundwater _____

November 28, 29, 30 Dec. 1, 1948

8. Depth Of Water Table 9 feet

9. As it may be available, type, size, depth of each well or general specification of any other works for withdrawal of groundwater _____

21 feet 70D casing

10. Estimated amount of groundwater withdrawn each year unknown

11. The log of formations encountered in drilling each well (if available) _____

Boulders cement gravel

12. Other information useful in carrying out policy of this act, including Book & Page of any county record _____

Signature

Philip E. Trablik
Rebecca Trablik
(owner)

Date

2/7/62

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.

9119

STATE OF MONTANA)
COUNTY OF FLATHEAD) SS
Filed on the 7 day of Sept
A.D. 1962 at 10³⁰ o'clock A.M
Glenn E. Millhouse
County Clerk and Recorder
By Michael Laborsky Deputy

File No.

GW 4

T. 28 N 19 W 32County FLATHEAD

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

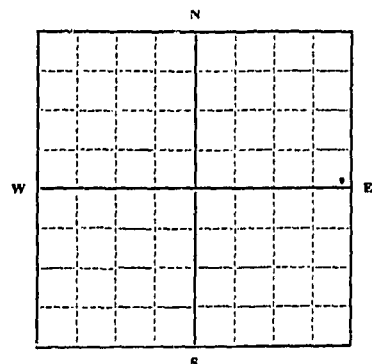
RECEIVED
JAN 8 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Fred U. and Dorothy J. Heim, of Route 4 Kalispell
(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:



3 1/2 NE 1/4 Sec. 32 T. 28 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 consumption

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been 1955 - date of purchase
but do not live on property

4. The amount of groundwater claimed (in miner's inches or gallons
per minute)..... 150 gal per min

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

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal
will draw by means of pump - location as
per mark on graph upper left

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater..... Drilled well - 6" iron casing - was on property at
date of purchase

8. The depth of water table..... 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..... drilled - 6" iron casing - 60'

10. The estimated amount of groundwater withdrawn each year..... estimate would use 7500 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..... Fred U. Heim
Dorothy J. Heim

Date..... Mar 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.

23060

10889

31st Dec
13th 19th Dec P.M.
J.E.M.
County Clerk of the County
By J.D.H. Deputy

GROUNDWATER INDEX

Page 1 of 1

County Flathead Twp. 77N Rge. 26W

[illegible]

GW3

File No.

ORIGINAL

T. 27N R. 26W

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 17 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

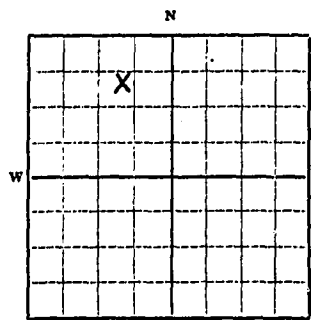
Date of Appropriation of Groundwater 1925
Northern Pacific Railway N. P. Building
Owner Company Address St. Paul, Minnesota

Contractor (if any)

Address of Contractor

Date Started Date Completed 1925

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Pipeline from catchment basin.
Overflow impounded for stockwater by check dams.



Lot 11
NW 1/4 Sec. 2 T. 27N R. 26W

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

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

3 Miners inches. Continual year round use.

Quantity estimated from amount that will flow through pipeline and measurement of overflow channel.

Northern Pacific Railway Company
Signature of Owner by Daniel W. H. Smith

Date Dec. 9, 1963

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 School of Mines and Quadruplicate for the Appropriator.

9601

9976

STATE OF MONTANA ' 83
COUNTY OF FLAHEAD

Filed on the 9 day of Dec
A.D. 1963 at 4:30 o'clock P.M.

SE M
County Clerk and Recorder

By M. J Deputy

File No.

GW 4

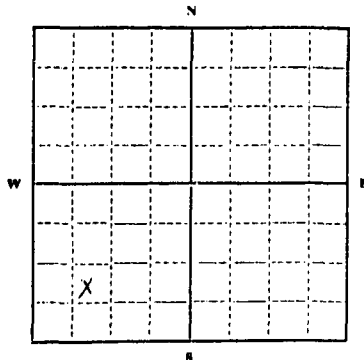
T 27^N R 26^W 24
CountySTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Pleasant Valley School, of Marion
(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 $\frac{1}{4}$ Sec 24 T27 R26Indicate 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 Living quarters
shower, toilets & lawn
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1959
used during school year
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 gal. per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric
Pumps
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1959
8. The depth of water table not known
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 350 000
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 Robert Frazier (Trustee)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.

22932

10762

3/1028
63 1028
Side m
1028

Page 1 of 1

County Flathead Twp. 27n Rge. 25w

[illegible]

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, test copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner D. Gordon Hardy

Address

Hardy, Montana

Date well started 9/25/72

completed 10/2/72

Type of well Drilled

Equipment used air rotary

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

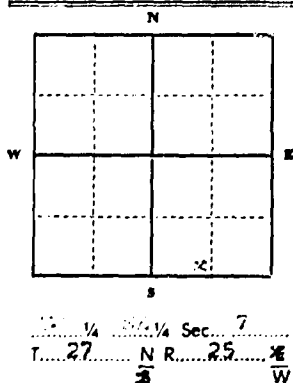
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

*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). OWNER'S LOT 300

ESTIMATED ANNUAL WITHDRAWAL 73,000,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
8"	8" x 8"	+ 2	330' 0"	1	0	10



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

Driller's Signature

Driller's Address

Kaliopell, Montana 59901

LICENSE NO. 52

27N-05E
County Flethead

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) 3550'

From (Feet)	To (Feet)	
0	5	Clay
5	19	Sandy silt
19	63	Brown and green silt
63	78	Dark green and gray silt
78	99	Gravel, sandstone & boulders mixed in brown clay
99	159	Light tan silty clay
159	190	Gravel mixed in tan clay
190	320	Dark blue clay mixed with light blue clay in thin alternate layers
320	335	Light gray rock with stringers of clay
335	383	Light gray rock 20 GPM
383	403	Fractured light gray rock Total 150 GPM

Static water level Flowing ft.*
Pumping water level 329 ft.*
at 150 gallons per minute,
measured 180 minutes after pumping began.
*Measured from ground level.
Well developed by air rotary pump
for 1400 hours.
Power Electric Pump 150 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) all water entering well through cracks and seams in the rock below 345 feet.
Wells in this area can
cont'd

403' Show exact depth of bottom water rises in well, free flow over top of casing 20 GPM

58,268

14,600

STATE OF MONTANA } ss
COUNTY OF FLATHEAD
Filed on the 14 day of July
A.D. 1923 at Liberty Montana
County Clerk and Recorder
By [Signature] Deputy

be depended upon to produce clear and 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.

RECEIVED

NOV 22 1972

27N-25W
FLATHEAD
County.

8

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 **ROBERT & BETTY LOUDEN**

Address **MARION, MONT.**

Date well started **10/4/72**

completed **10/5/72**

Type of well **DRILLED**

Equipment used **AIR ROTARY**

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

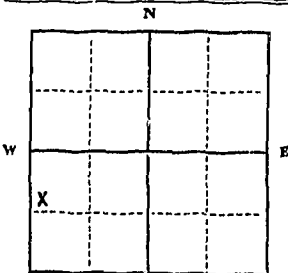
*Describe

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).

IRRIGATE APPROX 10 ACRES AROUND BUILDINGS

ESTIMATED ANNUAL WITHDRAWAL **66,000,000 GALLONS ?**

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	8 5/8" 24'	+2	63	NONE		



NW 1/4 SW 1/4 Sec. 8
T. 27 N. R. 25 E.
S W

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

LIBERTY DRILLING COMPANY

Driller's Signature *[Signature]*

Driller's Address **HWY 53 SOUTH**

KALISPELL, MONTANA

LICENSE NO. **52**

DRILLER'S LOG

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

Top of Ground **APPROX** (Elev. above sea level) **3530'**

From (Feet)	To (Feet)	
0	1	TOPSOIL
1	15	TAN CLAY AND SAND IN ALTERNATE LAYERS
15	23	SILTY CLAY AND SAND IN THIN ALTERNATE LAYERS
23	58	SILT, SAND AND GREEN CLAY IN THIN ALTERNATE LAYERS
58	63	GRAVEL MIXED IN SHARP SAND AND SILT. SILTY WATER
63	68	CLEAN COARSE GRAVEL. WATER
68	70	BOULDERS. WATER

Static water level **24'** ft.*
Pumping water level **41'** ft.*
at **100** gallons per minute,
measured **140** minutes after pumping began.

*Measured from ground level.

Well developed by **AIR LIFT**

for **3** hours.

Power **DIESEL** Pump **150** HP

Remarks: (Gravel packing, cementing, packers, type of shutoff) **ALL WATER ENTERING WELL THROUGH OPEN BOTTOM OF SIX INCH CASING.**

WELLS IN THIS AREA CAN BE DEPENDED UPON TO PRODUCE

CONT'D

70' Show exact depth of bottom WATER RISES IN WELL TO **24'** FROM SURFACE.

5,908

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 40 TO 50 PERCENT OF THE TESTED
CAPACITY OF THE AQUIFER.

14,563

STATE OF FLORIDA }
COUNTY OF FLORIDA } SS
Filed on the 24 day of July
A.D. 1922 at 1:30 o'clock P.M.
707
County Clerk and Recorder
By W. H. H.
Deputy

File No.

GW 4

T. 27N R. 25W 8

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

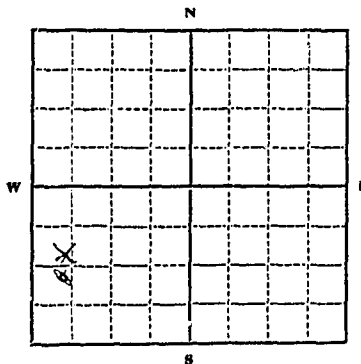
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Robert and Betty Louder of Marion
(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. 4. 1/4 Sec. 8 T. 27 R. 25

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.....

approx. 1920
Carriage, dairy use for domestic
household & stock use

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

15 gal. per min.

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

not used for irrigation

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

Pump, S.W. 1/4 of Sec. 8 T. 27 R. 25

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

not known

8. The depth of water table.....

approx. 40 ft.

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

approx. 40 ft.

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

300,000

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.....

Betty Louder
Robert Louder

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.

22906

10735

31 Dec
63 958
2 (P)
and 4
D only

GW3

File No.

ORIGINAL

T. 57 R. 25

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1925

Owner C. G. Hardy Address Marion, Montana

Contractor (if any) none

Address of Contractor

Date Started July, 1925 Date Completed Aug, 1925

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

water when applicable. I dug down about 5 feet to

trap the waters of a spring and cribbed up the
excavation

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

Sufficient flow to keep a 3/4" pipe running

constantly without much pressure. From the

spring to the house there is about 15 feet fall
in a distance of 300 yards

Signature of Owner C. G. Hardy

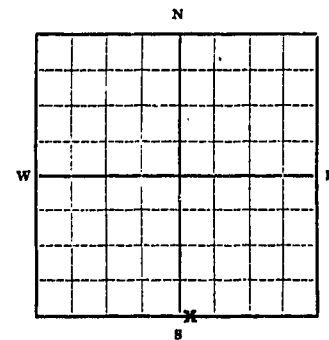
Date December 31, 1962

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 School of Mines and Quadruplicate for the Appropriator.



SW 1/4 Sec. 19 T. 27 R. 25

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

9481

STATE OF NEW YORK
COUNTY OF FRANKLIN

Filed on the 31 day of Dec
A.D. 1962 at 145 o'clock M

98m
County Clerk and Recorder

By m. J.
Deputy

GROUNDWATER INDEX

Page 1 of 1

County Flathead Twp. 270 Rge. 24W

[illegible]

File No.

T. 27 N. R. 24 W. 4
County. Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater. June 1945

Owner Dick E. Mendenhall Address. P.O. Kalispell, Mont

Contractor (if any) None

Address of Contractor

Date Started Natural Spring Date Completed

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

runs on the surface for a distance then it runs underground and then comes to the surface again where it is used.

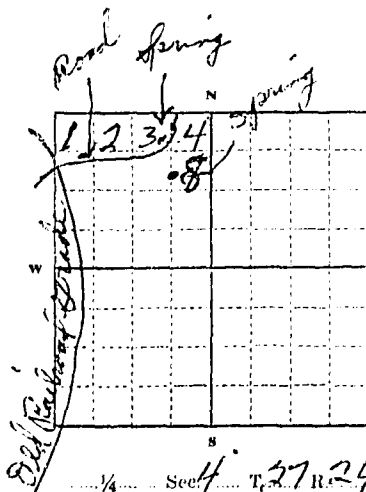
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. Used year around

These springs are used year around for stock and house use and irrigating meadow.

Signature of Owner Dick E. Mendenhall

Date Dec 31, 1963



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

This spring runs about 500 gallons an hour in the spring of the year and 300 gallons an hour in the winter.

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.

26719

RECEIVED

County...Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

C. Martin Schrepfer &
 Own Elaine D. Schrepfer

Address Box...38

.....Marion, Montana

Date well started8/11/71

completed 2/14/71

Type of well **Drilled**

(Dug, driven, bored or drilled)

Equipment used ~~.....~~ **Air Rotary & Cable Tools** ~~.....~~

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

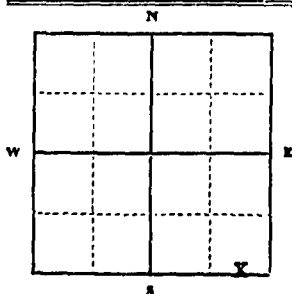
***Describe**

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), Approx. 35 force

ESTIMATED ANNUAL WITHDRAWAL 20,498,500

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 11"	1'6"	96'7"	Johnson wire wound water well screen w/continuous slot opening	93'	105'6"
	A blank tailpipe w/solid closed bottom extends				105'6"	118'



SE 1/4 SE 1/4 Sec. 10
T. 27 N. R. 24 XE
XE W

Static water level39.....ft.*
Pumping water level105.....ft.*
at40.....gallons per minute,
measured 60.....minutes after pumping
began.

*Measured from ground level.
Well developed by Mr. List. Fug
for 6 hours.

Power Gas..... Pump.....30..... HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff), ~~all water~~
~~entering well is coming~~
~~through the slot openings~~
~~of the screen. (Con't)~~

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

LIBERTY TRADING COMPANY

Driller's Signature [Signature]

Driller's Address 2500 Reserve

Missoula, Montana..... LICENSE NO. 52.....

DRILLER'S LOG

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

Top of Ground Approx. (Elev. above sea level) 3940'

[illegible]

125: Show exact depth of bottom
Water rises in well 39' from
surface.

494.42

14,353

STATE OF MONTANA }
COUNTY OF FLAINEO } ss
Filed on the 12 day of Dec
A.D. 1927 at 11 o'clock PM
By [Signature]
County Clerk and Recorder
D. J. H.

(Cont)

Notes: 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.

W 3

File No.

T. 21 N. 30 W. 12

County

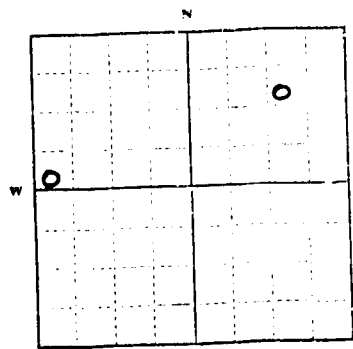
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CONTROL
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater... December 22, 1963
Owner... Charles Newlin Address... MARION, MONTANA
Contractor (if any)... Self Constructed
Address of Contractor...
Date Started... Oct 1961 Date Completed... Same



NW 1/4 Sec. 10 T. 27 R. 24
Indicate point of appropriation
and place of use, if possible

Describe means of obtaining groundwater without a well "as by
subirrigation and other natural processes". Include depth to
water when applicable
Water drains from Spring into TANK -
is pumped out of TANK

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...
used all year around - No
data available on Total
consumption

Signature of Owner... Charles Newlin
Date... 22- December 1963

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
work 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.

14528