

RECEIVED County Glenn

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 John H. Johnson

Address Rt 2 Hwy 2 W

Kalispell, Mont.

Date well started Jan 15, 1973

completed Jan 26/73

Type of well Drilled

Equipment used 2 1/2" W. Bueyrac-Erie

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

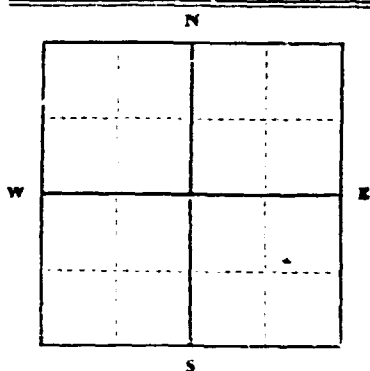
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS |
|----------------------|---------------------------|-------------|-----------|---------------------------------|
| 7" O.D. | 23" # | 141 ft | | Kind Size From (Feet) To (Feet) |



11 1/2 Sec. 16
T. 22 N. R. 22 E.
S W

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

Driller's Signature Harmon M. McClarty

Driller's Address 945-8th St. N.

Kalispell, Mont.
McClarty Well Drilling

LICENSE NO. 18

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) 2980

| From (Feet) | To (Feet) | |
|-------------|-----------|------------------|
| 2 ft | | Top soil |
| 33 ft | | Cobbles & gravel |
| 60 ft | | brown sand |
| 63 ft | | Gravel |
| 96 ft | | Hard pan |
| | | sand |
| | | clay |
| 114 ft | | Blue clay |
| 125 ft | | Black sand |
| 134 ft | | |
| | | Coarse sand |
| | | Water |

141 ft. Show exact depth of bottom

Static water level 6 ft. top
Pumping water level 90 ft.
at 25 gallons per minute,
measured 4 minutes after pumping began.
*Measured from ground level.
Well developed by baller
for 4 hours.
Power 1 Pump 1 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

14795

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }
Filed on the 29 day of June
A.D. 1913 at 3:51 o'clock PM
WnJ
County Clerk and Recorder
WnJ

File No.

GW 4

T 28 R 22
County Flathead

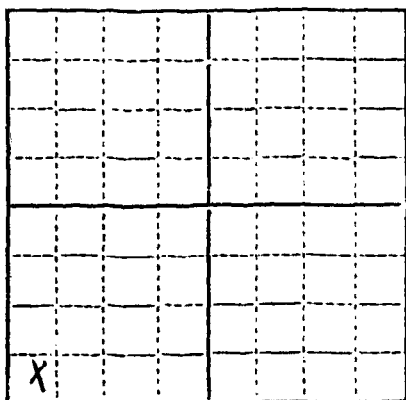
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1964
STATE ENGINEER

1. Emil O. Mellum Sr. of Kalispell
(Name of Appropriator) (Address) (Town)
County of Flathead State of Mont. PT 2
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S 1/4 Sec. 16 T 28 R 22

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, stock, chickens
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been May 1st
10 years every day
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 30 gal. 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
1 acre of garden
6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal
submersible pump May 1st 1954
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater April - 10 - 1954 - Completed
8. The depth of water table 108 ft. deep
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 submersible pump in 6 in. casing
well 108 ft. deep
10. The estimated amount of groundwater withdrawn each year 105,000 gal.
11. The log of formations encountered in the drilling of each well if available Clay, 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 not applicable

Signature of Owner Emil O. Mellum
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.

22658

10479

30 Dec
63-158 P.M.
Glenn E. Melhame
Chick

File No.

GW 4

T. 27 N. R. 22 E.

County FLATHEAD

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

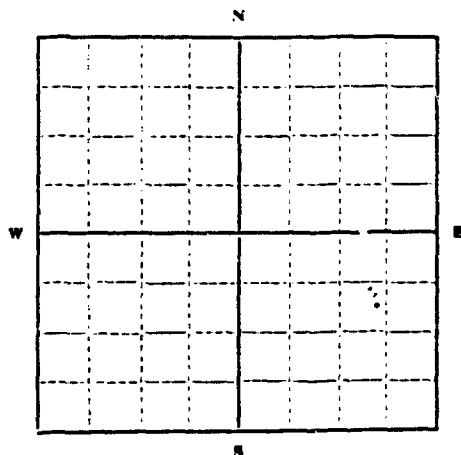
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1964

STATE ENGINEER

1. CLIFFORD W. ROBINSON FLORENCE ROBINSON of RT #2 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:



N 1/2 SE 1/4 Sec. 14 T. 27 N. R. 22 E.

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

2. The beneficial use on which the claim is based HOUSEHOLD & WATERING CATTLE

3. Date or approximate date of earliest beneficial use; and how continuous the use has been APRIL 1958 CONTINUOUS

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 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 used for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Ejection Pump 1 well in basement 1 well behind garage 1 well at barn

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 1958 Aug 1958

8. The depth of water table 8 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 All three wells about 30 feet deep with 2 1/2 in casing & sand points

10. The estimated amount of groundwater withdrawn each year 73,000

11. The log of formations encountered in the drilling of each well if available Coarse rock some clay very little dirt

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 964 Sec 14

Signature of Owner Clifford W. Robinson

Date Dec 30 1963

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

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

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

22653

10474

RECEIVED
JAN 30 1963
30 Jan 63
15:00
A. L. M.
37 Keith

File No.

DUPLICATE

May 14 1968

State of Montana

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Ernesta Smith Address Rt 1, Lapell

Driller Homer M. Clardy Address 915-8th St.

Date of Notice of Appropriation of Groundwater

Date well started Apr 15/68 Date Completed Apr 24/68

Type of well Drilled Equipment Used 2 1/2" H. P. Dr.
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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

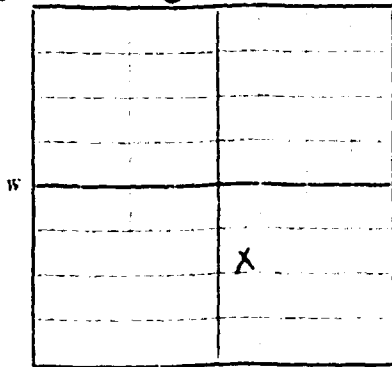
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Top of Ground

(Elev. above sea level) 5482

6" L. rock
Clay, pebbles, gravel
16 ft
Gravel & pebbles
3 ft
Clay
5 ft
Clay, gravel & pebbles
7 ft
Clay, clay, gravel
4 ft
Clay, gravel
15 ft
Gravel, up to 7" OK
23 ft
143 ft
Coarse sand
Gravel
Water

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|---------------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| | | | <u>152 ft</u> | | | |



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

Show exact depth of bottom.

Static Water Level for non-flowing Well 15 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 84 feet at 2.2 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer Length of Test 1 hr

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

Driller's License Number

Driller's Signature

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

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

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

4377

7
13145
STATE OF MONTANA
COUNTY OF FLATHEAD

SS
Filed on the 15 day of Feb
A.D. 19 48 at 11:00 o'clock P.M.
JEM
County Clerk and Recorder

By JEM 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 JAMES RAY AND/OR LADONNA J. TONEY

Address RT 2 KALISPELL, MONT.

Date well started 5-5-64 completed 5-18-64

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

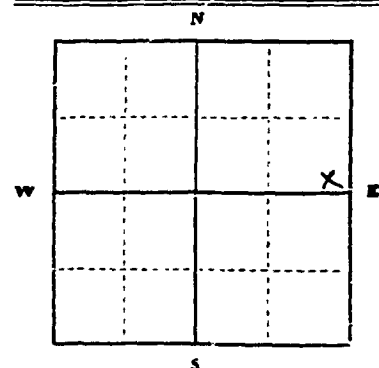
Equipment used Churn (Churn drill, rotary or other)

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

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

ESTIMATED ANNUAL WITHDRAWAL

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS |
|----------------------|---------------------------|-------------|-----------|--------------|
| 6" 5 | 7" 60 234 | 0 | 155 | None |



SE 1/4 NE 1/4 Sec. 14
T. 28 N. R. 8 E. S. 22 W.

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

Driller's Signature George J. Gaudin
Driller's Address Columbia Falls, Mont.

LICENSE NO. 55

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) |
|----------------|--------------|------------------------------------|
| From (Feet) | To (Feet) | |
| 0 | 5 | churn hole |
| 5 | 56 | haul out sand |
| 56 | 81 | muddy sand & gravel deep water |
| 81 | 126 | haul pack |
| 126 | 154 | blue clay |
| 154 | 155 | water beginning gravel and sand |

155 Show exact depth of bottom

49134

14,325

at the day of *Sept*
A.D. 1971 at 9:33 Clock AM
Done
County Clerk and Recorder
DR

File No. _____

JW 4

T. 28 N. R. 22 W. 16

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

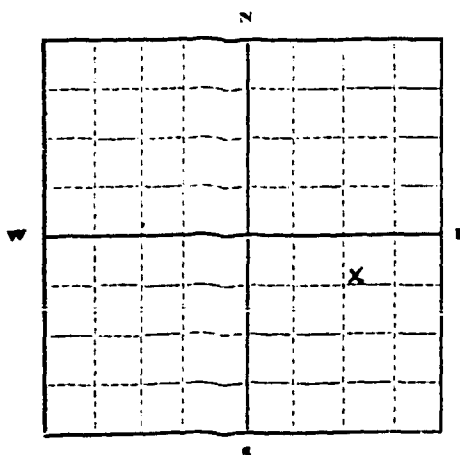
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 8 1964

STATE ENGINEER

1. Gerald H. Von der Heide of Route 2 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:



N.E. 1/4, SE 1/4 Sec. 16, T. 28, R. 22

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 March 1958 Steady

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 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 Lawn

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric water pump with well on east side house

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Approximate 1954

8. The depth of water table 73 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 7 in casing @ 73 ft.

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 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

Signature of Owner Gerald H. Von der Heide

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.

22823

10696

37-10-12
1063-911-10-12
20-11-12
27-12-14

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.

Owner Marilyn Lee White
Lester A. White

Address Route 3

Kalispell, Montana

Date well started 9/13/73

completed ...9/15/71

Type of well **Drilled**

(Dug, driven, bored or drilled)

Equipment used Air Rotary

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒

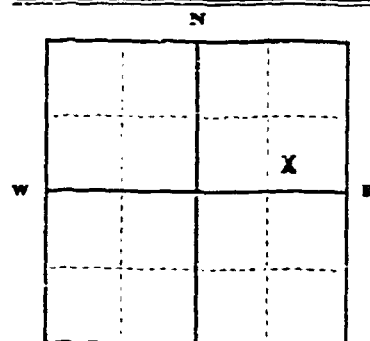
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

***Describe**

USE: If used for irrigation, industrial, drainage or other. Exp'ain, state number of acres and location or other data (i.e. Lot, block and Addition). To irrigate approx. 15 acres

ESTIMATED ANNUAL WITHDRAWAL 56,560,000 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"OD x 1/4" wall | +2 | 175' | N | O | N E |



SE NE Sec 16

T. 28 N. R. 22 E. W.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE.
EACH SMALL SQUARE REPRESENTS ~~40~~ (10) ACRES.

Driller's Signature

Driller's Address **LIBERTY DRILLING & PUMP CO.**

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) 3175

[illegible]

175' Show exact depth of bottom

52,441

14. 6/8

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }
Filed on the 16 day of Feb
A.D. 1973 at 10:50 o'clock A.M.
BY *mt* County Clerk and Recorder
997 Deputy

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.

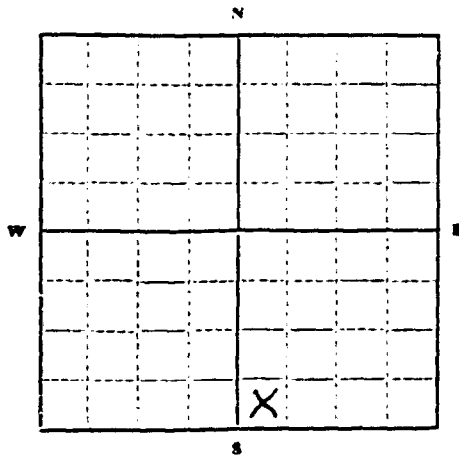
File No.

GW 4

T. 28 N R. 22 W
County FoothillSTATE 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
ENGINEER1. Dale M. Whitehead of Route 2 Kalispell
(Name of Appropriator) (Address) (Town)
County of Foothill State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

SW 1/4 SE Sec. 16 T. 28 R. 22

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 August 18, 1953
all the time
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 1/2 gallon 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
own lawn 1/3 acre
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
1/2 H P Well pumps jet type
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
August 12, 1953 - August 18, 1953
8. The depth of water to 95 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.
Drilled well
6 in well casing
98 feet deep
10. The estimated amount of groundwater withdrawn each year 135,000 gallons
11. The log of formations encountered in the drilling of each well if available.
Drilled through rock and 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
None

Signature of Owner Dale M. WhiteheadDate Nov. 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.

23149

10977

31 Dec
67²²⁰
J. M.
S. & H.

File No.

T. R. 5-21

TRIPLICATE

County - Franklin

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 when ground first used

Owner Robert A. Stokely Address 1000 1st St. N. W.

Contractor (if any)

Address of Contractor 1-1-2

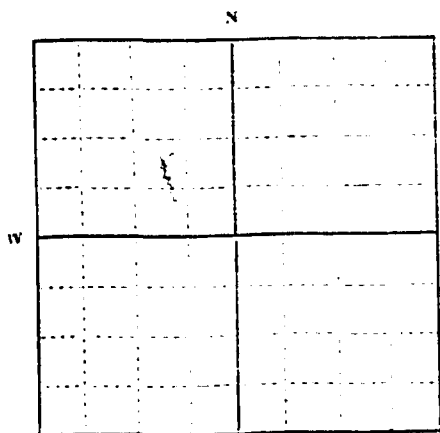
Date Started 1-1-68 Date Completed 1-1-68

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

Partial solar eclipse at low low water
on night of Monday Oct. 20th 1891.
and in moon.

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.....



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

Approximate "a" line used for extension
to the 1' position for other members

Signature of Owner..... *Richard J. Rickard*

Date 1/3/62

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.

11173

61 7 801 Jan
26 m
MT.

GW 3

File No. _____

T. 28 R. 22

County Blaine

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 _____

Owner Donald H. Buckkallier Address Blaine, Mont.

Contractor (if any) _____

Address of Contractor None

Date Started _____ Date Completed _____

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

cubbing 4 ft. x 8 ft. piped it down hill

approx. 10 ft. comes up into stock tank

for watering stock, output unknown but it

runs freely from 1/2 inch stream

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 _____

as needed year around for stock

Signature of Owner Donald H. Buckkallier

Date July 25 '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.

Doc. No. 14,485

25

72

August

148

51,270

14,488

STATE OF MONTANA /
COUNTY OF FLATHEAD SS

Filed on the 28 day of Aug
A.D. 1972 at 4:48 o'clock P.M.

Scm
County Clerk and Recorder

By [Signature] Deputy

NOT RECORDED. RECORDS. CANCELLED. BUT IT

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

Owner Donald Bucka
Address RE. 2 - Kalispell, MT. 59901
Location T. 28N - R. 82W - Sec. 12
Doc. No. 14,488

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.

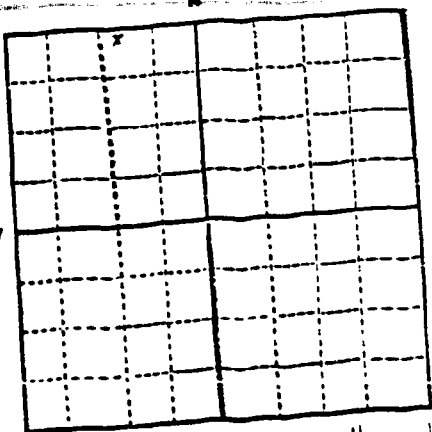
Special Instructions:

Please provide the information, as indicated in red on the attached ~~form~~ form.

Thank you.

11/17/72

51,270



NE 1/4 Sec. 17 T. 28N R. 82W
Indicate point of appropriation and place of use, if possible.

sub-irrigation and water when applicable. *dig out spring and put in tubing 4 ft. x 3 ft. piped it down hill*
about 10 ft. comes up into stock tank
for watering stock. *cutout unknown but it*
runs moving slow off 1/2 inch screen

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.

is needed year around for stock

Amount of groundwater claimed in
gallons per minute or miners
inches? I suppose somewhere

Signature of Owner *Donald H. Bucka*

Date *July 25 '72*

around 35 to 50 gal. per min.
I have never checked for exact output

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. 14,488

23
72
148

51,270

1-f.

File No. _____

AUG 20 1972

T. 28 R. 2 E

County _____

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 _____

Owner Donald Duckkallow Address St. P. Falls

Contractor (if any) _____

Address of Contractor _____

Date Started _____

Month _____

Date Completed _____

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

cut spring and put in casing 4 ft. x 8 ft. placed it down hill

about 10 ft. comes up into stock tank

for watering stock. Output unknown but it

runs about 1/2 inch surcom

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.

is needed year around for stock

Amount of groundwater claimed in gallons per minute or miners inches? I suppose somewhere

around 35 to 50 gal. per min.

Signature of Owner _____

Date July 25 '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.

14,488

28

72

1

August

148

51,276

File a 56-2!

not a 3

17

T. 28 R. 22

County Flathead

STATE OF MONTANA
DEPARTMENT OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Groundwater Appropriation Without Well

(as amended by Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

Owner Donald Buckalter Address Rt. 2 Kalispell

Contractor (if any) None

Address of Contractor None

Date Started ? Date Completed ?

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Dig pond 5 ft. wide, 10 ft. long, 12 ft. deep with 1 to 1 back slope on sides.

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. To be used for irrigation in summer as well as stock water if needed. Amount of output unknown as I haven't used it yet hopefully 20 G.P.M.

Signature of Owner

Date

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. 14,487
Filed 28 August
1972 1:47
by [signature]

51,271

14,487.

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }

Filed on the 28 day of Aug
A.D. 1922 at 1:47 o'clock PM
Lcm

County Clerk and Recorder

By St

Deputy

GW 3

File No.

ORIGINAL

RECEIVED
FEB 11 1964

T. 28 R. 22

County Flathead

STATE OF MONTANA
STATE ENGINEER
ADMINISTRATOR OF GROUNDWATER CODE
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

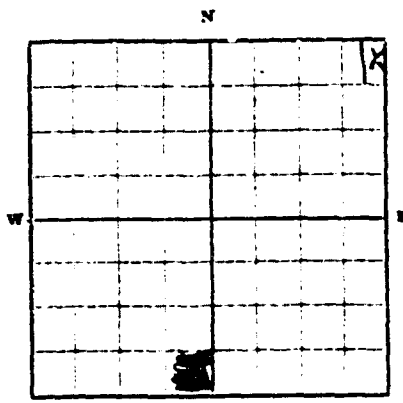
Owner C E & Frances Schrock Address Route 3 Kalispell

Contractor (if any)

Address of Contractor

Date Started 1/12/63 Date Completed 1/12/63

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



Sec. 17 T. 28 R. 22
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

Seasonal use, per day

Signature of Owner C E Schrock

Date 12/17/63

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.

State of Montana) ss
County of Flathead)

Subscribed and Sworn to Before Me This 17th Day of December 1963

Sandra Rodley

NOTARY PUBLIC for the State of Montana
Residing at Kalispell, Montana
My commission expires September 17, 1964

10,027

17
A.D. 1863
County Clerk and Recorder
By *[Signature]*

GW 3

File No.

T. 28 R. 22

County Stinson

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.....

Owner Laura Hagen Address Helena, Mont 59712

Contractor (if any)

Address of Contractor

Date Started Date Completed.....

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

free flowing

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.....

year around use for home use
irrigable lands surrounding grounds
and stock water

Signature of Owner Laura Hagen

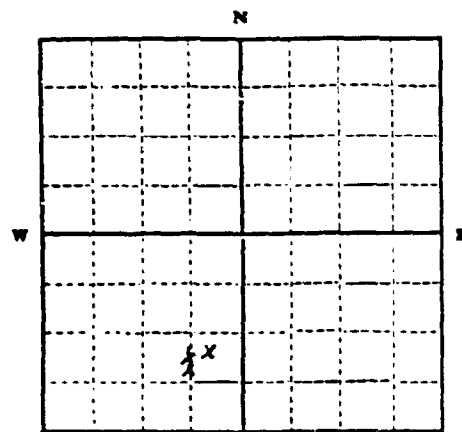
Date Aug 5 - 1969

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.



SE 1/4 SW 1/4 Sec. 17 T. 28 R. 22
Indicate point of appropriation
and place of use, if possible.

3 different spring
spots

45602

14,030

STATE OF MONTANA
COUNTY OF FLAINT

Filed on the 5 day of Aug.
A.D. 1969 at 11:45 Clock A.M.

Sim
County Clerk and Recorder

By *[Signature]* Deputy

RECORDED
INDEXED
FILED
AUG 11 1969
CLERK OF DISTRICT COURT
MONTANA
COUNTY OF FLAINT

GW 3

File No.

ORIGINAL

T. 28 N. R. 22 W.

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater *natural*

Owner *Deland Marguardt* Address *Rt 2 Kalispell*

Contractor (if any)

Address of Contractor

Date Started Date Completed

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

level then gravity flow by
Pipe

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

tent estimate approximate lengths of periods of use

year around

Signature of Owner *Deland Marguardt*

Date *Dec. 26, 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.

10730

31 Dec
63 953
2071

1074

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.

Owner Vernon Johnson

Address Route 2

Kalispell, Montana

Date well started Oct. 6, 1971

completed Oct. 8, 1971

Type of well Drilled

(Dug, Driven, bored or drilled)

Equipment used Air rotary

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

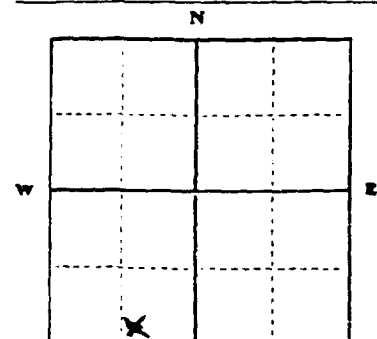
Industrial ☐ Drainage ☐ Other ☐ * Garden/Lawn ☒

*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 31,536,000

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|---------------------------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 8" | 8 5/8" | +2 | 36 | | | |
| | | | | N O N E | | |
| Annulus backfilled with puddled clay. | | | | | | |



SE 1/4, S 1/2, E 1/2, Sec. 15
T. 25 N. R. 12 E
S (W) See other side

Static water level 76 ft.
Pumping water level 123 ft.
at 60 gallons per minute,
measured 300 minutes after pumping
began.
*Measured from ground level.
Well developed by Air lift pump
for 5 hours.
Power Diesel Pump 350 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)
All water entering well
from cracks and seams in
rock below 167 feet.

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

Liberty Drilling Company

Driller's Signature Walter Gibson

Driller's Address Route 2

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 3400

| From (Feet) | To (Feet) | |
|-------------|-----------|--|
| 0 | 1 | Topsoil |
| 1 | 36 | Tan clay with cobbles and boulders mixed in |
| 36 | 41 | Gray rock |
| 41 | 46 | Brown and gray rock in thin alternate layers |
| 46 | 89 | Gray rock |
| 89 | 167 | Brown and gray rock in thin alternate layers |
| 167 | 169 | Fractured gray rock. 15 GPM |
| 169 | 204 | Brown and gray rock in thin alternate layers |
| 204 | 249 | Brown and gray rock in alternate layers. Fractures at 204, 218, 223 & 248 Water 30 GPM |
| 249 | 303 | Gray rock. Fractures at 254'. Water 32 GPM |
| 303 | 306 | Fractured gray rock. Water 60 GPM Total |
| 306 | 314 | Gray rock |

314

Show exact depth of bottom

50,586

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.

14,435

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }

Filed on the 12th day of June
A.D. 1928 at 3:50 o'clock P.M.

REDA

County Clerk and Recorder

By

REDA

Deputy

File No.

T. 28 N. R. 22 W

TRIPPLICATE

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)

Doc. No. 1435
Filed for record
this 14 day of August
A. D. 1971, at Helena
o'clock 2 M.

Date of Appropriation of Groundwater spring of 1942
Howard P. Neas &
Owner Hazel E. Neas Address Rte. 2, Kalispell, Mont.

Contractor (if any) None

Address of Contractor not applicable

Date Started prior to 1942 Date Completed prior to 1942

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural flowing springs in and around appropriators' corrals and house which have always been used by appropriators and their predecessors for domestic uses, watering stock and the like; the springs are five in number.

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. not intermittent.

Plows sufficient water, winter & summer, to water 150 head of cattle as well as ample for domestic uses and watering of lawn.

Signature of Owner Howard P. Neas

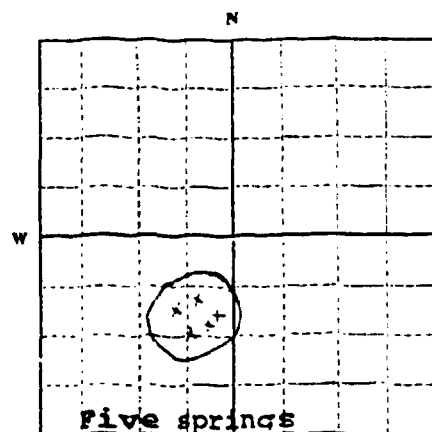
Date June 1971.

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 Quzdruplicate for the Appropriator.



SW1/4SW 1/4 Sec. 18 T. 28 R. 22

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

The water right on a sixth spring is appurtenant to the Vernon Johnson farm.

#14305

Filed on the 14 day of July
A. D. 1971 at 1:15 Clock PM

[Signature]
County Clerk and Recorder

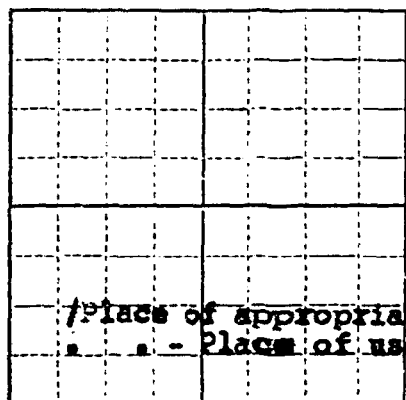
By *[Signature]*

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Otto H. Schultz of Route 2 Kalispell, Montana
(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 Sec. 18 T. 28 R. 22.

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
Stock Water
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been June 1, 1929
Continuous use to this date.
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) One gallon 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.
By gravity flow through galvanized pipe
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. Construction commencement date May 1, 1929
Construction completion date June 1, 1929.
8. The depth of water table. Ten 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. Spring Size 4x4x10
10. The estimated amount of groundwater withdrawn each year. Approximately 500,000 gallons
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. Flathead County records Warranty Deed
dated July 27, 1908 recorded July 28, 1908 Book 109 of Deeds Page 108

Signature of Owner Otto H. Schultz

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.

10599

130 Dec
63 44
70 cm
By 28 44

GW3

File No.

T 28N R 22 W

ORIGINAL

County Richmond

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 May 21, 1963

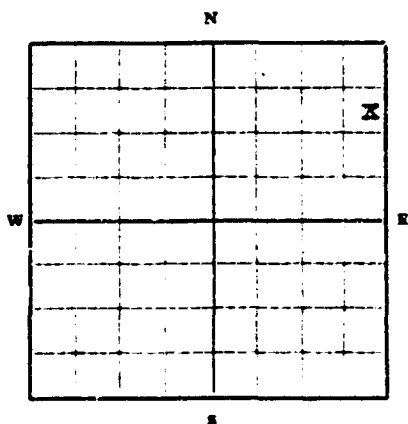
Owner Chotsau L Gibson Address Route 2, Kalispell

Contractor (if any) None

Address of Contractor

Date Started not Date Completed applicable

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



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

NE 1/4 NE 1/4 Sec. 19 T28N R22W

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

estimate quantity--550 gallons per hour.
used continuously.

Signature of Owner Chotsau L Gibson

Date December 6, 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.

10 000

For the Board of *Rec*
A.D. 19 *63* at *2:30* O'clock *M*
hem
County Clerk and Recorder
By *AS* Deputy

File No.

SW 4

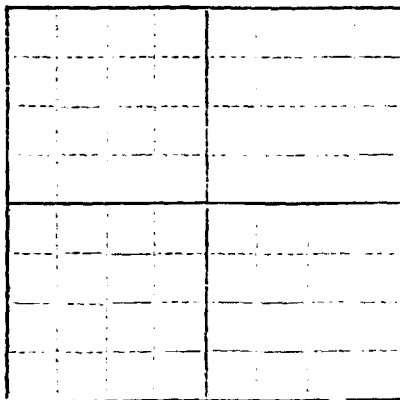
T 28 R 22 11
 County Flathead
 JAN 6 1964
 STATE ENGINEER

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Wilson Menaghan, of Route 2, 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:



S 1/2 SW 1/4

1/4 Sec. 17, T 28 R 22

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 livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 3, 1942, continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 600 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 Watering yard and garden
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 May 1, 1942 to June 3, 1942
8. The depth of water table 80 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 7 inch casing, 134 feet deep
10. The estimated amount of groundwater withdrawn each year 500,000 gallons
11. The log of formations encountered in the drilling of each well if available solid rock
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Wilson Menaghan

Date January 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.

23217

11047

21

31 Dec
23 321
Pm
to tt .

2

1

File No.

GW 4

T. N R. 17

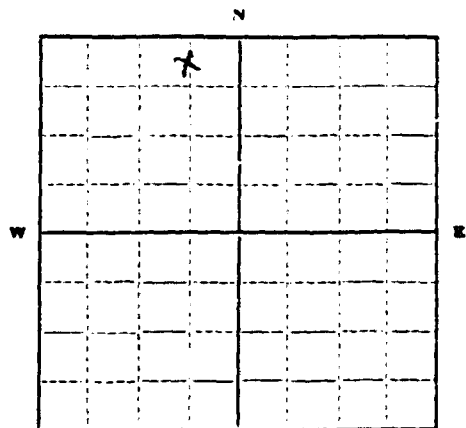
County.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Willard H. McPherson & Berne M. McPherson (Name of Appropriator) RT 2 (Address) Malispell (Town)
 County of Flathead State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



T19CC

NE 1/4 NW 1/4 Sec 12 T28 R32

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.
Residential - Domestic
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
May - 1961
4. The amount of groundwater claimed (in miner's inches or gallons per minute).
25 gals
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
None
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
Household Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
Prior to my purchase of land in 1959
8. The depth of water table.
40' in casing
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.
8" casing - 65' deep
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.
Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.
Not available

Signature of Owner

Willard H. McPherson

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.

22758

10580

30 Dec
63 352
JRM
28 H

File No.

GW 4

T. 11 R. 22County: Flathead **RECEIVED**

JAN 8 1964

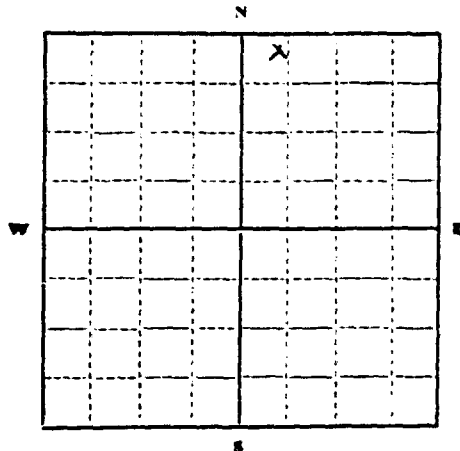
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

Under Chapter 237, Montana Session Laws, 1961)

Pauline C. Olson
1. *Kenneth E. Olson*, of *Rt #2, 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:



$\frac{1}{4}$ Sec. 19 T 28 R 22

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 & farm use*
3. Date or approximate date of earliest beneficial use; and how continuous the use has been: *Nov. 1956*
4. The amount of groundwater claimed (in mixer's inches or gallons per minute): *500 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: _____
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: *Electric well pump*
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: *1956*
8. The depth of water table: *110'*
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: *182,500*
10. The estimated amount of groundwater withdrawn each year: *182,500*
11. The log of formations encountered in the drilling of each well if available: *Mostly rock*
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: _____

Signature of Owner

*Pauline C. Olson*Date *Dec. 31st 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.

23214

11044

31 Dec
63 326
Rum
88 H.

File No.

GW:

T. R.

County Glenn

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 2980)

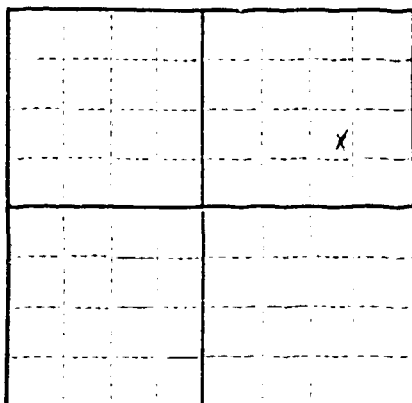
5 ft
top soil

sand-gravel

Clay
34 ft

Hard pan
66 ft
brown clay
with grit
112 ft

gravel
barren water



NE Sec. 20 T28 R22

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

228 ft water
Show exact depth of bottom.

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Carl A. Blank Address Rt 2Driller Homer McClarty Address 945-8th Ave N

Date of Notice of Appropriation of Groundwater

Date well started July 29/64 Date Completed Aug 12/64Type of well Drilled Equipment Used 22W 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" | 204' | 3" | | | |

Static Water Level for non-flowing Well... 14 feet.

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

Pumping Water Level 218 feet at 6 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).....

Driller's License Number 18Driller's Signature Homer McClarty

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.

11,524

64 320 ~~Sept~~
26m
JH

File No.

GW 2

T. 28 N. R. 22 W

County Butte

**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)

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

Owner John Smith Address 123 Main St.Driller John Doe Address 456 Elm St.

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

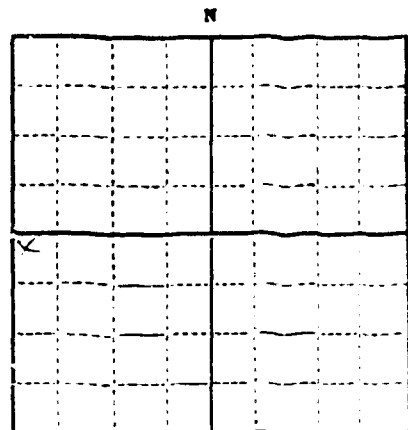
Date well started 12/1/71 Date Completed 12/1/71

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

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

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

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| | | | | 3 1/2" | | 157' |



714.4. SM, Sec. 24 T. 28 N. R. 22 W
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom 200 ft

Doc. No. 14257
Filed for record
this 24 day of MARCH
A.D. 1971, at 1:40
o'clock PM

Driller's License Number 18Driller's Signature John Doe

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.

48069

14,257

STATE OF MONTANA /
COUNTY OF FLATHEAD / SS
Filed on the 24 day of Mar
A.D. 1971 at 1 o'clock P.M
S.E.M.
County Clerk and Recorder
By M. J.
Deputy

File No. _____

SW 4

T. _____ R. _____

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

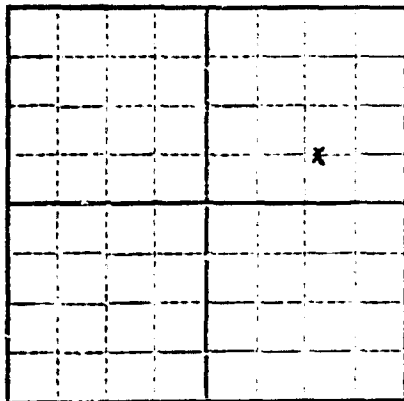
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

DEC 30 1963

STATE ENGINEER

1. F. Wm. Duden or Helen E. Duden of Box 505 Kalispell
 (Name of Appropriator) (Address) (Town)
 County of Flythead State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NE 1/4 Sec. 20 T28 R22

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 irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Dec. 6, 1943
Daily Use
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 350 gal. per hour
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Lawn and garden purposes on 2.62 acres F. Wm. or Helen E. Duden
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
Nov. 28, 1953 - December 6, 1953
8. The depth of water table Depth of well - 68 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 one well - 68 feet deep
10. The estimated amount of groundwater withdrawn each year 766,000 gallons
11. The log of formations encountered in the drilling of each well if available
sand, gravel, clay, rock, sand
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None known

Signature of Owner

F. Wm. Duden
Helen E. Duden
 Date 12/26/1963

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 Quaduplicate for the Appropriator.

1456

10,184

RECEIVED
COUNTY OF PLACER, CALIF. 03
Filed on the 20 day - Dec
A.D. 19 03, 1032 Clock M
J E W
County Clerk and Recorder
By J. T. Deputy

GW3

File No.

ORIGINAL

T. ... R. ...

County ...

RECEIVED
JAN 6 1964

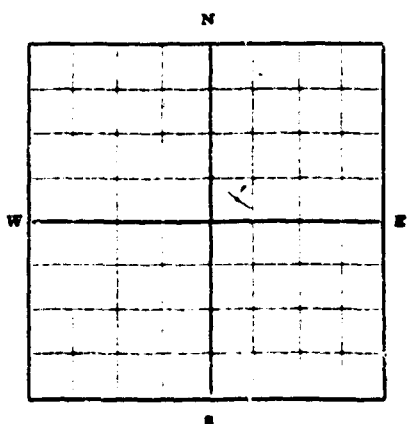
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater natural
Owner V. Margardt Address 2 Karpel, Mont
Contractor (if any)
Address of Contractor
Date Started Date Completed



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

ground level
recession
SW

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

S.W. 1/4 NE 1/4 Sec. 10, T. 18, R. 22

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

year around

Signature of Owner V. Margardt

Date Dec 26, 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.

22900

10729

31-10-1952
3-952
2000

at 4

File No. _____

SW 4

T. 23 R. 22 W. 2

County Lincoln

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)

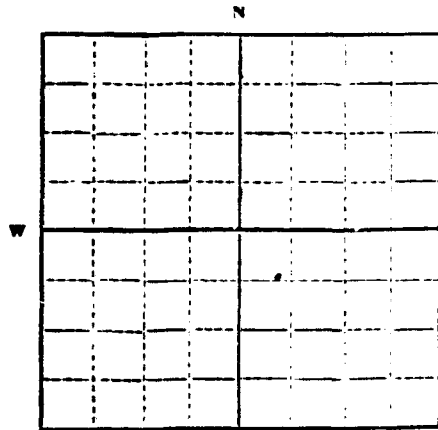
for herself and surviving heirs of said Estates

1. Estates of Am Schagel and Theresa Schagel, by Helen T. Schagel pending
(Name of Appropriator) Administrative Butte, Montana (Address) Montana (Town)

County of Lincoln

State of Montana

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



T-7
NW 1/4 Sec. 20 T. 23 R. 22

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
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1900 continuous since that time
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 acre feet
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 well - by hand pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Oct. 1960 and completed as needed since that time
8. The depth of water table 7
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 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 Records may be found under the historical records.

Signature of Owner Am Schagel and Theresa Schagel
by Helen T. Schagel Date 12/30/63
Pending Administrator's Approval

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.

10647

31 Dec
1063 824
28 11
28 11

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.

Owner Dale Seelye

Address

Kila, Montana 59920

Date well started 8/1/71

completed 8/19/71

Type of well **Drilled**

(Dug, driven, bored or drilled)

Equipment used Air Rotary

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒

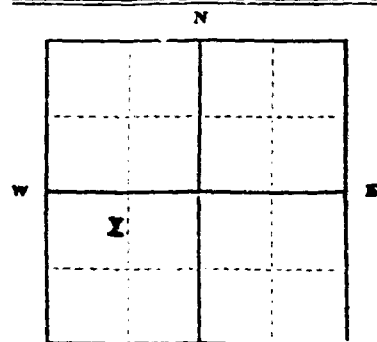
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

***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). Approx. 12 Acres

ESTIMATED ANNUAL WITHDRAWAL 31,536,000

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | |
|----------------------|----------------------------------|-------------|-----------|--------------|-----------------------|
| | | | | Kind Size | From (Feet) To (Feet) |
| 8" | 8 5/8" OD $\pm \frac{1}{8}$ " | 2' | 242'6" | N O N E | |



NW 1/4 SW 1/4 Sec. 20

T. 28 N. R. 22 ~~XX~~ W

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

Driller's Signature William F. [illegible]

Driller's Address **2500 Reserve**

Missoula, Montana 59801

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) 3180'

[illegible]

395' Show exact depth of bottom
Water rises in well 13' from surface.

47 75A

(Con't)

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

STATE OF TEXAS
COUNTY OF DALLAS
FILED 1965
A.D. 1965
JUL 1 1965
BY _____
JUL 1 1965

14,388

File No. _____

T 28N R 22W

DUPLICATE

County Flathead

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
Well #2 Approx.
(Elev. above sea level 3460')

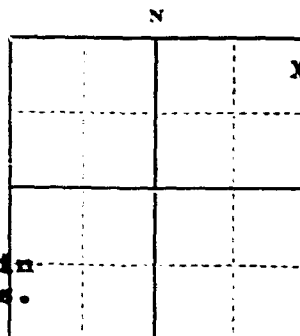
Formations Log:

- 0 - 2 Black dirt.
2 - 17 Boulders & cobbles imbedded in tan - gray silt.
17 - 28 Weathered green rock.
28 - 42 Light green rock.
42 - 61 Dark blue rock.
61 - 97 Gray rock.
97 - 104 Gray and tan rock in thin alternate layers.
104 - 108 Dark gray rock.
108 - 127 Green rock.
127 - 172 Light green rock with a few thin scattered layers of tan rock.
172 - 233 Green rock.
233 - 379 Light green rock with a few thin scattered layers of tan rock.
379 - 488 Light green rock with scattered alternate layers of blue-gray rock.
488 - 542 Blue-gray rock.
542 - 566 Light green rock with talc in cracks and seams.

Owner Harrington & Bibler, Inc. Address Kalispell, MontanaDriller Liberty Drilling Co. Address Missoula, MontanaDate of Notice of appropriation of groundwater None filedDate well started 9/8/67 Date completed 9/21/67Type of well Rotary Drilled Equipment used Air Rotary
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒
Industrial ☐ Drainage ☐ Other ☐

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

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS | | |
|----------------------|---------------------------|-------------|-----------|--------------|-------------|-----------|
| | | | | Kind Size | From (Feet) | To (Feet) |
| 7" | 7" OD by 20 lb. | +186" | 31'4" | N | O | N E |



Water rises in the well
191 feet from surface.

NE 1/4 Sec. 22 T. 28N R. 22W

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

clear sand free water year after year as long as they are not overpumped, i.e., they should be pumped at rates less than _____ (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).

Static Water Level for non-flowing well
_____ 191 _____ feet.

Shut-in Pressure for Flowing Well Non-f

Pumping Water Level _____ 420 _____ feet

at _____ 100 _____ gal. per minute.

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

How Tested Air Lift Pump

Length of Test 8 hours

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff) All water entering well through fractures in rock 400 - 566 feet.

Wells in this area can be depended upon to produce

Show exact depth of bottom.

Bottom of hole 566'

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

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

52

Driller's License Number

William E. Calane
Driller's Signature.

42.75

25 to 50 percent of the tested capacity of the aquifer

13047

SS
the 17 day of Nov
at 11:20 Clock M
County Clerk and Recorder
[Signature]

GW 3

File No. _____

T. 28 N R. 22

ORIGINAL

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. 15, 1963

Norman L. Watne

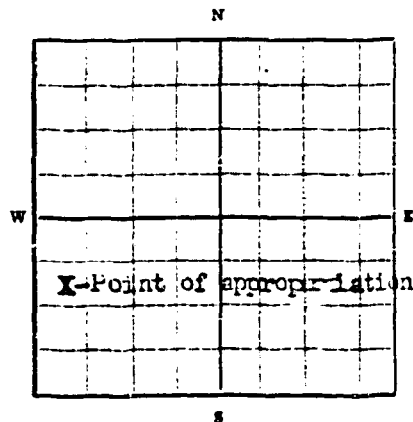
Owner Margarite C. Watne Address Kalispell, Mont.

Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Surface spring excavated to depth of 7 feet. Concrete curbing 6 ft x 6 ft with hooded cover installed. Pipes carry water by gravity flow to points of use. sub-irrigation to adjacent areas.



Nd. 1/4 SW Sec. 22 T. 28 R. 22

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 All flow of spring used for domestic and livestock consumption and irrigation on a continuous basis.

Signature of Owner Norman L. Watne
Margarite C. Watne
Date Oct 15, 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.

9897

TO THE HONORABLE
COMMISSIONERS OF THE LANDS
Filed on the 17th day of Oct
A.D. 1863 at 11¹⁵ o'clock A.M.
587m
County Clerk and Receiver
By M. J. Deputa