

11.092

2 Jan
67 826 a
DEM
Lt

File No. 1881

T. 27N R. 22W

DUPLICATE

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 January 8, 1967

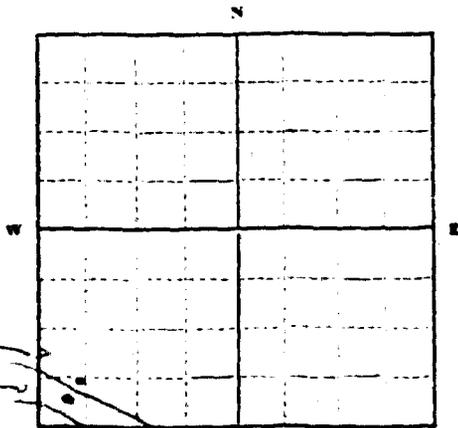
Owner H. Walter Address Box 711, Kalispell

Contractor (if any) not applicable

Address of Contractor not applicable

Date Started 1/8/67 Date Completed 1/8/67

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Digging out and boxing and piping out a spring carrying water to a water trough. Spring above road about 3 feet deep.



SW1/4SW 1/4 Sec. 21T27N R. 22W

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. Sufficient

water to water 100 head of cattle and also for domestic purposes. It flows approximately 4000 gal. per 24 hours.

Signature of Owner H. Walter

Date Sept. 29, 1967

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.

4-3-118

13,135

STATE OF MONTANA | 26
COUNTY OF FLATHEAD

Filed on the 13 day of July
A. D. 1900 at 10:30 o'clock A. M.

5877
County Clerk and Recorder

By M. J.
Deputy

File No. _____

T. 27 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. _____
 Filed for record _____

Date of Appropriation of Groundwater 1960

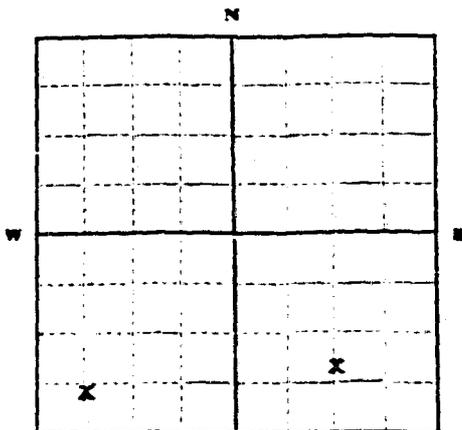
Owner M. Walter, a corp. Address Box 711, Kalispell, Mont.

Contractor (if any) None

Address of Contractor not applicable

Date Started 1960 Date Completed 1960

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Two natural flowing springs which have always been used by appropriator and its predecessor for the watering of cattle



SW1/4SW1/4 and S
S1/2 SE 1/4 Sec. 21 T. 27 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. during summer flows sufficient water, winter and summer to water 200 head of cattle.

M. WALTER, a corporation

Signature of Owner By: Howard [Signature] Manager

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 Quadruplicate for the Appropriator.

14,306

14 July
71 1:16 P
Brow
19

GW 3

File No. _____

T. _____ R. _____

County Flathead

36

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 April 30, 1965

Owner Robert Rose Address Box 100, Inverness, Idaho

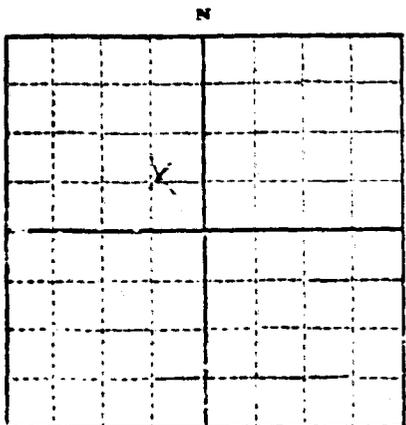
Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed 4-30-65

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

seepage at 3 feet in Depth
shallow 4 feet



Section _____ T. _____ R. _____
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. water piped out then measured with a bucket
Approx. 5 1/2 gal per minute
Used for watering cattle
from April 1st to November 30th

Signature of Owner Robert Rose

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.

STATE WATER CONSERVATION BOARD

APR 30 1965

By _____
By _____
By _____
By _____
By _____

12150

11
No 35
Pam



34

GW 3

SECTION 34

File No.

T. 27 R. 22

County FLAVERSBURG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 30, 1973
Owner Stanley E. Saurey Address 305 B Groves St
Virginia Saurey Address China Lake, Ca. 93555

Contractor (if any) H/A

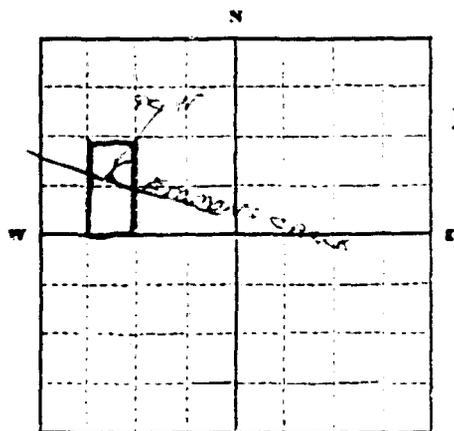
Address of Contractor H/A

Date Started June 1, 1973 Date Completed June 30, 1973

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural processes, pump and pipe. Depth of water table..unknown.

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. 2 cubic feet per second. Calculated on the pipe size and pump pressure.



SS 34 X T. 27 R. 22

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

Signature of Owner Stanley E. Saurey
Virginia Saurey
Date 6-30-73

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

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

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

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

14825

STATE OF MONTANA) ss
COUNTY OF FLEETWOOD)

Filed on the 5 day of July
A. D. 1925 at 12 o'clock P.M.

MT
County Clerk and Recorder

By [Signature]
Deputy

FR. No.

27^N R 21^{1/2}
County Foothold

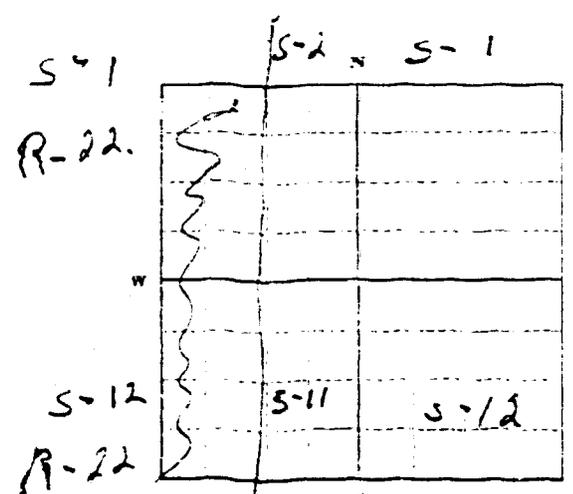
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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 Feb. 1947.
Name Oscar L. Oftedal Address Marion Stages, Kel.
Contractor (if any) None
Address of Contractor None
Date Started 2-1-47 Date Completed 2-1-47



N.W. corner Sec 12 T 27 R 21 1/2
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.
sub-irrigated from under ground springs.

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 consistently

Signature of Owner Oscar L. Oftedal
Date Dec - 28 - 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 Montana Bureau of Mines and Geology and Quaternary Division, and Quaternary Division, and Quaternary Division, and Quaternary Division.

10,394

30 sec
63 10³¹ A.M.
J.E.M.
J.P.

File No. **RECEIVED**

T 27 R 21-1/2 West

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 September 26, 1967

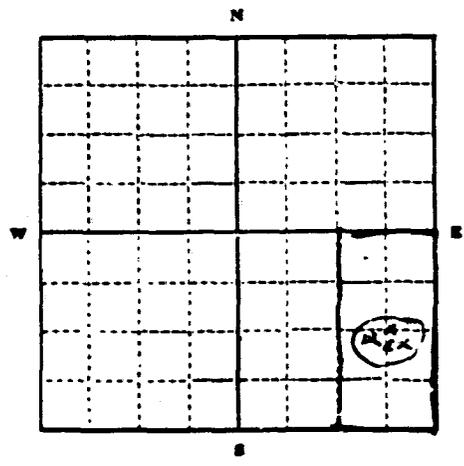
Owner Larry Steen Address Box 753, Kalispell, Montana

Contractor (if any) None

Address of Contractor Not applicable

Date Started 9/26/67 Date Completed working

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Free flow from existing seepage springs into man built storage pond



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

estimate approximate length of periods of use. 30 gallons

per minute, based on free flow catch

tests from road drain pipe during spring,

summer and fall run period

East Half SE 1/4 Sec. 13 T27 R21-1/2 West

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

Signature of Owner [Signature]

Date September 26, 1967

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.

B, D10

26 Sept
67 3:21 8 M
ECM
MT

GROUNDWATER INDEX

County Franklin Twp. 27 Rge. 2

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
26	Kalston, Harold H	GW2	14205	
26	Kalston, Harold H	GW4	9778	
26	Ruppel, Howard E	GW4	10016	
26	Richardson, Ed A & Karen A	GW2	141676	
26	Roth, Sam A	GW4	10655	
26	Schonenberger, Grace	GW2	14198	
26	Zukowaki, Thomas W	GW2	14444	
26	Sundoy, Sue & Rudy	GW2	14311	
27	Love, Calvin	GW4	10572	
28	Ebert, Vernon D	GW4	10614	
28	Ebert, James D	GW2	11421	
29	Bunney, Charles	GW4	10806	
34	Hend, Charles F & Eunice A	GW3	9831	
34	Gunks, Willard H & Margaret	GW3	10002	
34	Gunks, Willard H & Margaret	GW3	10001	
34	Gunks, Willard H & Margaret	GW3	10003	
34	McFisher & Sons Commission	GW4	10102	
34	Tronell, W R & Eva	GW2	10134	
35	Boon, Clarence A	GW4	9349	
35	Thompson, Albert & Mildred	GW2	11568	
35	Rogge, Raymond & Pearl H	GW2	14307	
35	Walt, William Elmer	GW4	9093	
35	White, Herb W	GW2	9812	
35	Roth, Sam A	GW4	10655	
35	Nasserman, Paul J Kirk	GW2	14175	

File No. _____

SW 4

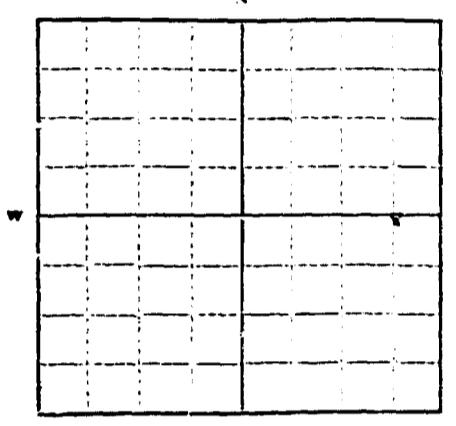
T. _____ R. _____

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Charles W. O'Connell of P.O. Box 2 Kali'spell
(Name of Appropriator) (Address) (Town)
County of Flathead State of Mont.
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



n. e. 1/4 of s. e. 1/4 of Sec. 1 T27-R21
1/4 Sec. T. R.

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

- The beneficial use on which the claim is based Domestic and Livestock use
- Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since Homesteading Days or App. 60 yrs
- The amount of groundwater claimed (in miner's inches or gallons per minute) 300,000 gals per year
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Garden & yard App. 1/2 Acre owned by Charles O'Connell
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal By Electric pump located by house in N.W. corner of N.E. 1/4 of S.E. 1/4 of Sec. 1-T27-R21
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well was in use when I marked on place in Oct. 05 1947
- The depth of water table App. 19'
- 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 1/2 HP jet pump (elec) and 1 1/2" pipe & sand point. Pump is located in a pit 6'x6'x3'
- The estimated amount of groundwater withdrawn each year 300,000 gals per year
- The log of formations encountered in the drilling of each well if available first 3 to 4' is Black loam and clay then sand & clay
- 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 Charles W. O'Connell
Date Oct 18, 1961

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.

9901

18 Oct
63 11:45 A
5877
M. J.

DUPLICATE

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)

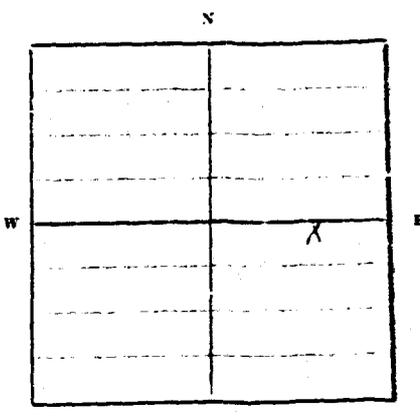
Top of Ground
(Elev. above sea level)

7 to 187 ft. Silt
187 to 260 ft
Heavy clay
260 to 316 ft
Gray sand fine
with sup water
316 to 317 ft
Water bearing
sand & gravel.

Owner B. W. O'Connell Address Rt 2
Kalspell, Mont
Driller Gene J. Justice Address Col. Gall, Mont
Date of Notice of Appropriation of Groundwater now filed
Date well started Dec 1-66 Date Completed Jan 17-67
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)
6 3/8	7" O.D. 23 lbs per ft	7	317	none		



NE 1/4 Sec. 1 T37R2E1
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... 8 feet.
Shut-in Pressure for Flowing Well now flowing
Pumping Water Level... 180 feet at 10 gal. per minute.
Discharge in gal. per min. of flowing well now flowing
How Tested Surge Length of Test 5

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)

all measurements from ground level.

7055
Driller's License Number
Gene J. Justice
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.

43,977

13,277

STATE OF MONTANA | SS
COUNTY OF FLATHEAD |
Filed on the 8 day of Mar
A. D. 1908 at 11:09 o'clock A. M

County Clerk and Recorder
By M. J. Deputy

File No.

GW 2

T. R.

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

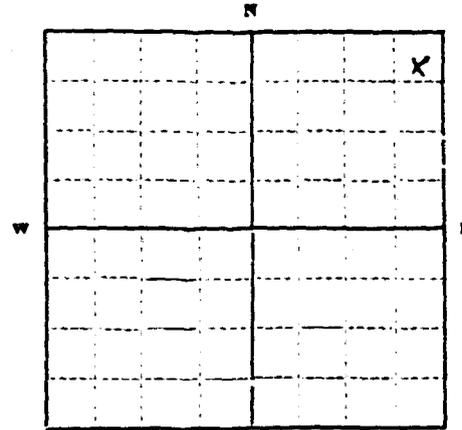
Top of Ground
(Elev. above sea level.....)

0 to 22 ft Sandy Silt
22 to 340 ft Silt
340 to 345 feet
Silt with gravel
345 to 346 ft
Waterbearing
gravel & sand.
Total depth
346 feet.

Owner James A. Wines Address Kalispell Montana
 Driller Glenn J. Duster Address 6 Falls Road
 Date of Notice of Appropriation of Groundwater now filed
 Date well started Aug 18 - 64 Date Completed Aug 25 - 64
 Type of well Drilled Equipment Used Churn
 (dug, driven, bored or drilled) (Churn, drill, rotary or other)
 Water Use: Domestic Municipal Other Irrigation
 Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	7" C.G. 2 lbs per ft	0	346	none		



Static Water Level for non-flowing Well 6 ft feet.
 Shut-in Pressure for Flowing Well non-flowing
 Pumping Water Level 10 feet at 50 gal. per minute.
 Discharge in gal. per min. of flowing well non-flowing
 How Tested water Length of Test 3 hrs

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

all measurements from
spiling ground surface.
70 55

Driller's License Number

Glenn J. Duster
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.

33711

11,518

OFFICE OF THE CLERK
COUNTY OF PLATTLAND, TEXAS

Filed on the 1 day of Sept
A. D. 1964 at 2:58 PM

587
County Clerk and Recorder

By M. J. Deane

27 N 21 W
St. Louis
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 5 1964

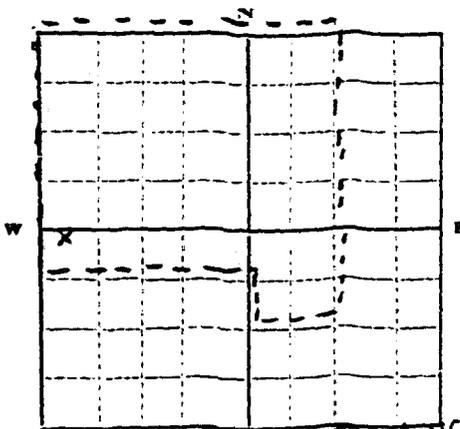
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Raymond G. Sanders of James Stage Katipell
(Name of Appropriator) (Address) (Town)
County of St. Louis State of Montana

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



NW 1/4 of the 26th + SW 1/4 NE 1/4
Lots 2, 3 - 4 S 1/2 N 1/2 E 1/2
1/2 sec. 27 N 21 W

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

- The beneficial use on which the claim is based irrigation of spring water for potatoes
- Date or approximate date of earliest beneficial use; and how continuous the use has been. 1921
- The amount of groundwater drained (in miner's inches or gallons per minute) 500 gallons per minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. on area of 200 acres owned by Raymond G. Sanders.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric pump on corner of road east from corner road 4 250 yds of road to top of south lot
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1921
- The depth of water table. 10 ft.
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 15 ft. from water table in the ground (spring)
- The estimated amount of groundwater withdrawn each year. 200,000 gallons
- The log of formations encountered in the drilling of each well if available. it is a
- 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 Raymond G. Sanders
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.

10888

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63. 038 de
- 2021 p
with

14,384

STATE OF MONTANA
COUNTY OF FLEETWOOD

Filed on the 23 day of Feb
A.D. 1973 at 10:40 AM

[Signature]
County Clerk and Recorder

By _____ Deputy

File No.

SW 4

T. 27N R. 21W

County Flathead

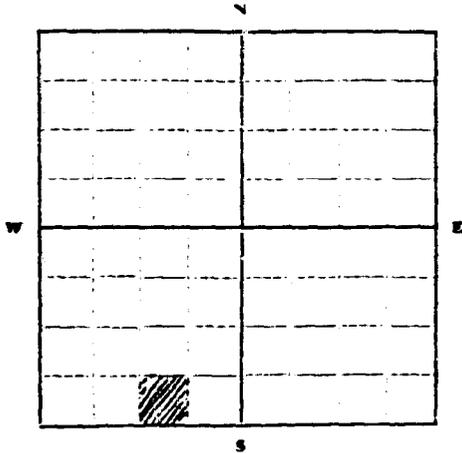
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 29 1963

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

I, Abby Mitton and Charlotte Mitton of Box 614 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:



~~SE~~ S.E. 1/4 SW 1/4 Sec. 3, T. 27N, R. 21W

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 irrigation and other beneficial use.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1910. Used continuously since 1910
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 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 Irrigate lawn, garden, flowers, etc. in the SE 1/4 SW 1/4.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Well and pump. SW corner of SE 1/4 SW 1/4 of Sec. 3, T. 27N, R. 21W

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Started 1910, completed 1910

8. The depth of water table. 25 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 23 ft. depth. Wood casing, 3 ft x 3 ft.

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

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

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

Charlotte Mitton

Signature of Owner Abby Mitton

Date November, 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.

9928

STATE OF MONTANA (SS
COUNTY OF FLATHEAD
Filed on the 8 day of Nov
A. D. 1963 at 3:34 o'clock P. M
SEM
County Clerk and Recorder
By M. J. Deputy

File No. _____

GW 4

T. 12 R. 20
County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

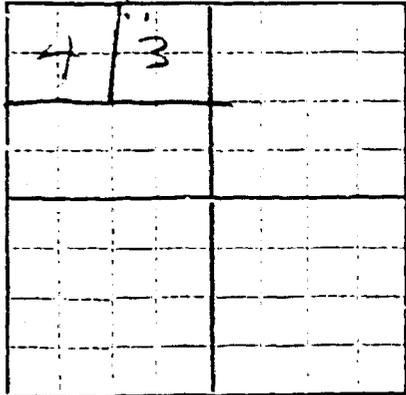
RECEIVED
JAN 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. George Sidwicus of Kalispell, Mont
(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. 1/4 Sec. 3, T. 27, R. 21

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

- 2. The beneficial use on which the claim is based irrigation and domestic use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1933
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 650 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 1/2 acre garden + lawn
- 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 1933 well no. 1
1933 well no. 2
- 8. The depth of water table 25 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 3 foot concrete pipe for 19 ft - drilled 20 ft - about 10 ft
- 10. The estimated amount of groundwater withdrawn each year 2000 gal
- 11. The log of formations encountered in the drilling of each well if available rock 2 ft 1/2 ft from under the water table depth
- 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 George Sidwicus
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.

10509

63 ³⁰ ~~31~~ ^{two} f
Allen E. Muhlman
Elkton

File No.

GW 4

T. 5-N R. 21 W

County Flathead

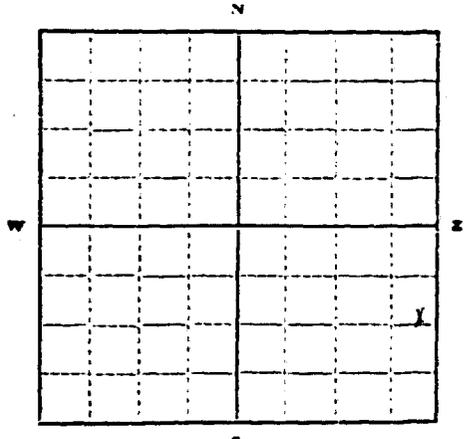
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

STATE ENGINEER

Alice McNeil
Harry Heiland
Carol S. Boyle
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

1. Carol S. Boyle of 1144 2nd Ave E. 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:



NE 1/4 Sec. 7 T. 27. R. 21

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 water and garden
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1894
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof garden & garden
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric motor

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1894
- 8. The depth of water table 26
- 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. 26 ft depth - 1 1/2 inch pipe
- 10. The estimated amount of groundwater withdrawn each year
- 11. The log of formations encountered in the drilling of each well if available
- 12. Such other information of a similar nature as may be useful in carrying out policy of this act, including reference to book and page of any county record

Signature of Owner Alice M. Heiland
Carol S. Boyle
Date Dec 6, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; duplicate to the State Engineer, Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

10,409

63 30 000
1105 6

GLE m

SDN

File No. _____

GW # _____

T. _____ R. _____

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

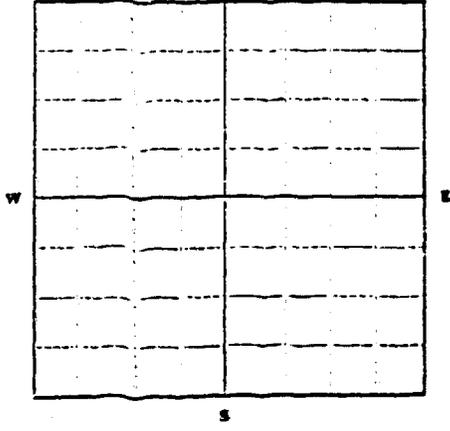
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

14 FEB 1961
SE 1/4 SW 1/4

I, Milly J. J. J. of _____
(Name of Appropriator) (Address) (Town)

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



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

2. The beneficial use on which the claim is based _____
3. Date or approximate date of earliest beneficial use; and how continuous the use has been _____
4. The amount of groundwater claimed (in miner's inches or gallons per minute) _____
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof _____
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal _____
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater _____
8. The depth of water table _____
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 _____
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 _____
Date _____

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

94 78

STATE OF MONTANA
COUNTY OF PLAINFIELD
Filed on the 28 day of Dec
A.D. 1964 at 2:36 o'clock P.M.
Ben
County Clerk and Recorder
By M.J. Deputy

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
**NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL**
Developed after January 1, 1962

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

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

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

Owner Strand Homes Inc.

Address Highway 93 South

Kalispell, Montana

Date well started 1/2/73

completed 1/19/73

Type of well Drilled

Equipment used Air Rotary

Water Use: Domestic Municipal Stock Irrigation

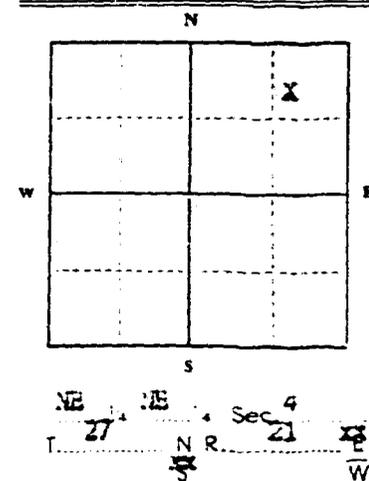
Industrial Drainage Other * Garden/Lawn

*Describe Modular Home Manufacturing Plant

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

ESTIMATED ANNUAL WITHDRAWAL 36,482,000 Gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
3"	8 5/8" OD x .304	±2	234' 6"	NONE		



Static water level: 7' 2" ft.*
Pumping water level: 134' ft.*
at 50 gallons per minute,
measured 50 minutes after pumping
began.
*Measured from ground level.
Well developed by air surge
for 8 hours.
Power Diesel Pump 150 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) From 234' 6"
to 243' the well is filled
with clean coarse gravel in
order to make a filter and
conduit to conduct water into
well. Note: Wells of this (CON.)

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

Driller's Signature [Signature]

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) 2925'

From (Feet)	To (Feet)	
0	1	Sandy loam
1	22	Tan silty sand
22	46	Gray sandy silt
46	55	Light brown sand
55	79	Gray silty sand
79	94	Blue-gray sandy clay
94	119	Tan to red silty clay
119	143	Tan clay w/ few scattered gravels mixed in.
143	167	Sand & gravel mixed with tan silt.
167	232	Silty red to brown sand & gravel. Some silty water.
232	243	Coarse tan sand & gravel WATER.

243' Show exact depth of bottom

type in this area can be depended upon to produce clear sand free water year after year as long as they are not overpumped, &c., they should be pumped at rates not exceeding 50 to 60 percent of the tested capacity of the aquifer.

7005
1971
1/10
1/10

1/10

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.

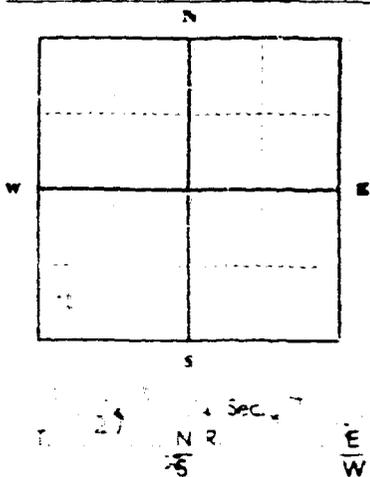
Owner Ernest B. Jorgerson
Address 1006 2nd Ave. West
Ballispeil, Montana
Date well started 10/6/72
completed 10/6/72
Type of well Drilled
Equipment used Air Rotary
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other Garden/Lawn

For Administrator's Use
File 15,542
27,972-946A
GW 1

*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). Cont. on 2

ESTIMATED ANNUAL WITHDRAWAL 26,280,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)



Static water level 239 ft.
Pumping water level 239 ft.
at 30 gallons per minute,
measured 15 minutes after pumping
began.
*Measured from ground level.
Well developed by 30 hours.
Power 30 Pump 30 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)
A slight incline is
noted with three inches
of cement. It was
corrected.

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

Driller's Signature _____

Driller's Address _____

License No. _____

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 - 3000 (Elev. above sea level) 3000

From (Feet)	To (Feet)	Description
0	1	Topsoil
1	59	Gray rock
59	99	Gray rock with some white rock in thin alternate layers
99	108	Fractured gray and brown rock. Seeps
108	115	Gray rock
115	117	Fractured gray and brown rock in thin alternate layers. Seeps
117	255	Gray rock
255	262	Gray and brown rock in thin alternate layers. Seeps
262	298	Gray rock
298	310	Gray and brown rock in thin alternate layers. Seeps
310	327	Gray and yellow rock in thin alternate layers. Seeps
327	443	Gray rock
443	464	Fractured gray and yellow rock in thin alternate layers. Seeps
464	485	Gray and brown rock in thin alternate layers. 20 GPM
485	507	Gray rock Total 506 PM

Show exact depth of bottom of well casing from surface.

14,542

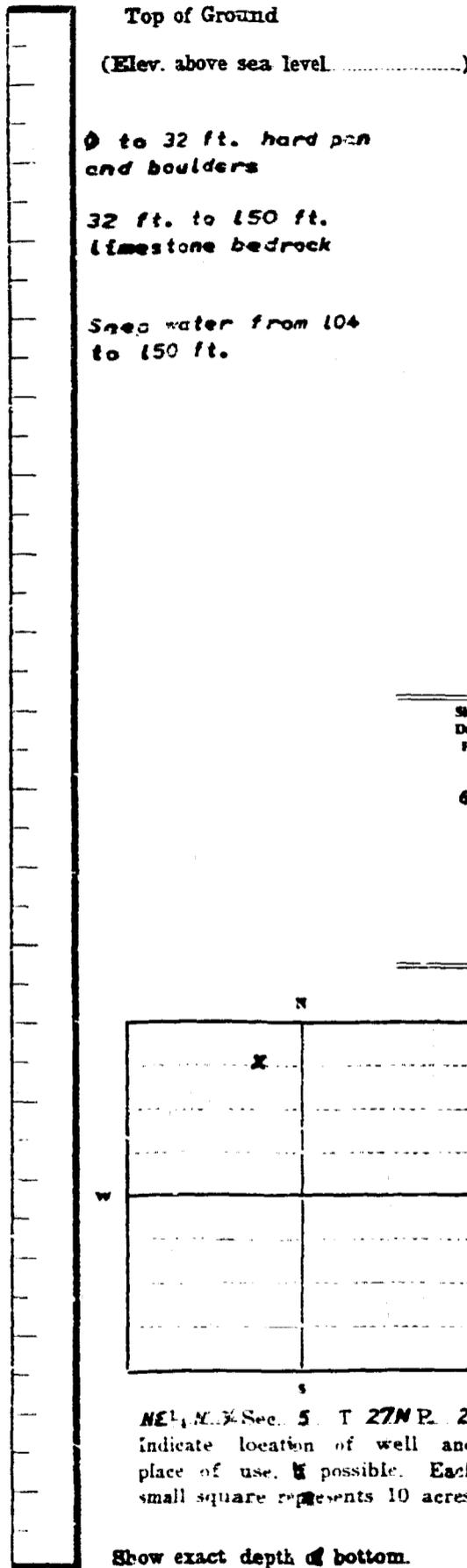
STATE OF MONTANA }
COUNTY OF FLAHERTY } SS
Filed on the 22nd day of Oct
A. D. 1922 at 3:00 o'clock P. M.
1922
County Clerk and Recorder
By _____ Deputy

entering well through cracks and seams in the rock some 207 feet.
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 30 to 60 percent of the tested
capacity of the aquifer.

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 Herald F. Fuller Address Rt. 2, Kalispell, Mont.

Driller Olsen & Justin Address Col. Falls, Montana

Date of Notice of Appropriation of Groundwater None filed

Date well started March 12, 1965 Date Completed March 25, 1965

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				If not Size	From (Feet)	To (Feet)
6 3/8"	23 lbs. per ft. 7" o.d.	0	32	N/A	N/A	N/A

Static Water Level for non-flowing Well 98 feet.

Shut-in Pressure for Flowing Well Non flowing

Pumping Water Level 140 feet at 5 gal. per minute.

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

How Tested bailler Length of Test 3 hours

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

All measurements from existing ground level

hc 55
Driller's License Number
Olsen & Justin
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.

APR 17 1965
12:00 PM
MUM
[Signature]

File No. _____

T. 27N R. 21W

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)

Lyle R. &

Owner Carol H. Wyant Address Kalispell, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

Date well started 5/2/68 Date completed 6/1/68

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

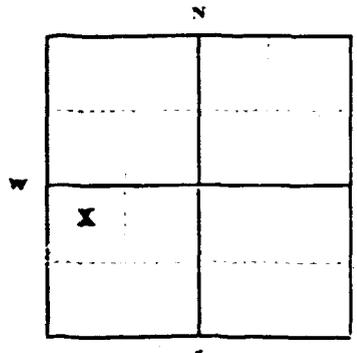
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

Top of Ground Approx.
(Elev. above sea level 2904')

Formations Log:

- 0 - 1 Top soil.
- 1 - 12 Tan clay & boulders.
- 12 - 68 1/2 Dark gray & tan rock.
- 68 1/2 - 74 Brown & tan rock. Some gray rock.
- 74 - 145 Gray & tan rock.
- 145 - 146 Gray, tan & brown rock.
- 146 - 181 Tan, brown & some gray rock. Badly broken. Some clay.
- 181 - 272 Tan, brown & gray rock. Seeps of water.
- 272 - 274 Gray rock.
- 274 - 283 Tan, brown & gray rock.
- 283 - 286 Gray rock.
- 286 - 326 Tan, brown & gray rock. Seeps of water.
- 26 - 331 Gray rock. Some tan rock. Water.
- 331 - 345 Tan, brown & gray rock. Water.
- 345 - 349 Gray rock.

From (Feet)	To (Feet)	PERFORATIONS		
		Kind Size	From (Feet)	To (Feet)
207.1	207.1	1/4 inch liner	188	349
207.1	207.1	1/4 x 2" torch cut	324	345
with solid closed bottom.				



Static Water Level for non-flowing well 43.6' feet.

Shut-in Pressure for Flowing Well Non-f

Pumping Water Level 189 feet at 100 gal. per minute.

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

How Tested Air Lift Pump

Length of Test 2 1/2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) annular space around six inch casing was pressure grouted with cement from 6 ft. below surface to approximately 185 ft. All

Water rises in the well 43.6' from surface.

Section 5, T. 27 N. R. 21 W.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

water entering well is coming through perforations in 1/4 inch casing. Wells in this area can be depended upon to produce clear. (Continue on reverse side)

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

Show exact depth of bottom.

Bottom of hole 349'

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. Osborne
Driller's Signature

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 30 to 40
percent of the tested capacity of the aquifer.

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }
Filed on 3rd day of Oct
A. D. 1968 at 10 o'clock A. M.
5677
County Clerk and Recorder
By M. J.
Deputy

13911

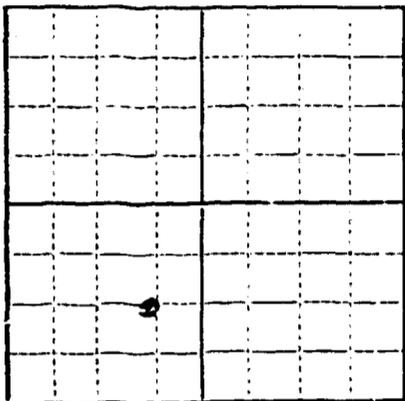
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, John H. [unclear] of [unclear] (Name of Appropriator) (Address) (Town)

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



20 1/4 Sec. 2 T. 27. 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 to [unclear]

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

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

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 [unclear]

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

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

8. The depth of water table [unclear]

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 [unclear]

10. The estimated amount of groundwater withdrawn each year [unclear]

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

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 [unclear]

Signature of Owner [unclear]

Date [unclear]

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.

22774

10546

30 Dec
63.408
P. L. W.
J. H. H.

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 Anthony Bachel

Address Kalispell, Mont.

Date well started May 15, 1972

completed May 19, 1972

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

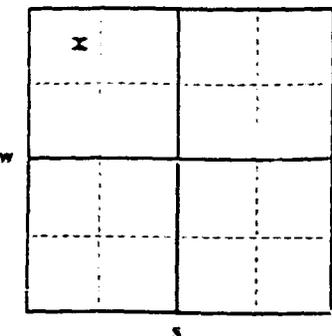
Equipment used 4 1/2" Rotary
(Crown drill, rotary or other)

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). 5 acres in Gov. Lot 4

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 S/A 17 lbs. per ft.	100	170			



Static water level 100 ft.*
Pumping water level 150 ft.*
at 50 gallons per minute,
measured minutes after pumping
began.
*Measured from ground level.
Well developed by
for hours.
Power Pump HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

T. 27 N. R. 21 Sec. 6
EX W

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

Driller's Signature

Driller's Address

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. above sea level)

From (Feet)	To (Feet)	
0	3	Surface
3	110	Hard Grey Rock oil change
110	174	Hard Brown Rock
174	240	Grey Rock
240	260	Hard Sand 50 G.P.M.

Show exact depth of bottom

50,918

14456

STATE OF MONTANA
COUNTY OF FLATHEAD

SS

Filed on the 13 day of July
A.D. 1922 at 10 o'clock A.M.

[Signature]
County Clerk and Recorder

By [Signature] Deputy

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
RECEIVED
JUL 8 - 1963
STATE ENGINEER
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Clarence A. Bourne and Eva R. Bourne,
as Joint Tenants

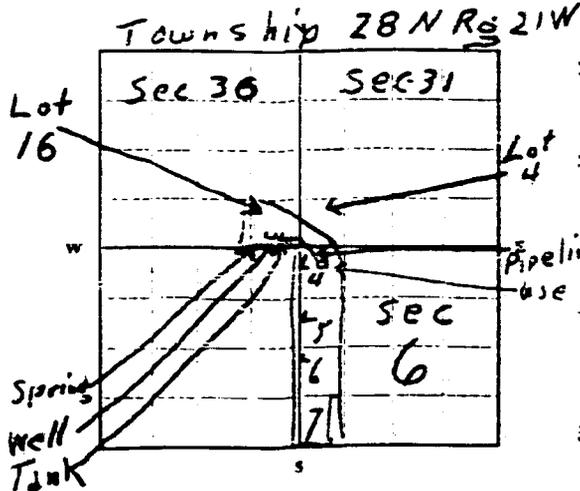
of Box 395

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:



Lot 1, 4 Sec. 6 T 27 N R 21 W

Indicate point of appropriation and place of use, if possible. Each small square represents 40 acres.

- The beneficial use on which the claim is based... **Domestic and farm irrigation**
- Date or approximate date of earliest beneficial use; and how continuous the use has been... **First use in 1932, pipeline installed in July 1937. Continuous since 1932 except for one period when litigation in process under Civil Docket 11,107, Flathead County.**
- The amount of groundwater claimed (in miner's inches or gallons per minute)... **100 gallons per minute**
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof... **Approximately 5 acres irrigated, located in Lot 4, Sec. 6, T 27 N., R. 21 W., M.P.M. Clarence A. Bourne & Eva R. Bourne.**
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... **From Spring to well. Gravity flow from well to cement tank. Gravity flow from tank to buildings by pipeline.**
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... **Well dug in 1932. Cement tank built in July 1937. Pipeline built in July 1937.**
- The depth of water table... **Spring comes to surface**
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... **Well is 12 ft. deep, 3' x 3' wooden crib inside.**
- The estimated amount of groundwater withdrawn each year... **2 million gallons**
- The log of formations encountered in the drilling of each well if available... **none**
- 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... **Litigation affecting use - District Court Civil Docket 11,107 - Bakewell vs. Kind.**

Clarence A. Bourne

Signature of Owner Eva R. Bourne

Date June 4, 1963

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

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

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

9771

STATE OF MONTANA
COUNTY OF FLATHEAD
Filed on the 11 day of June
A. D. 1962 at 4:27 P. M.
County Clerk and Recorder
By _____ Deputy

File No.

T. 27N R. 21W

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, 1951)

Top of Ground
(Elev. above sea level 3190 Approx.)

- Formations log:
- 0 - 10 Tan clay & cobbles.
 - 10 - 28 1/2 Gray rock.
 - 28 1/2 - 30 Tan & brown rock.
 - 30 - 53 1/2 Gray rock.
 - 53 1/2 - 55 Tan to gray rock.
 - 55 - 102 1/2 Gray rock.
 - 102 1/2 - 103 1/2 Tan & brown rock. Seeps of water.
 - 103 1/2 - 111 Gray rock.
 - 111 - 113 Tan & brown rock. Water.
 - 113 - 125 Gray rock. Water.

Owner William W. & Lois L. Thompson Address Katispell, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

Date well started 5/25/69 Date completed 5/28/69

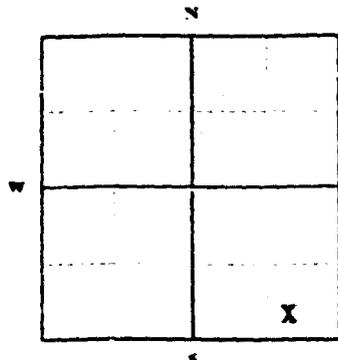
Type of well Drilled Equipment used Air Rotary Rig
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind - Size	From (Feet)	To (Feet)
6"	6 5/8" OD x 1/2"	0	33	NONE		
	8 5/8" OD x 1/2"	0	16	Casing grouted in place with two sacks of cement 10 33		

Water rises in the well 68 feet from surface.



Static Water Level for non-flowing well 68 feet.

Shut-in Pressure for Flowing Well Non-F

Pumping Water Level 105 feet at +20 gal. per minute.

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

How Tested Air Lift Pump

Length of Test Four hours

Remarks: Gravel packing, cementing, packers, type of shutoff) All water entering well from fractures in the rock below 102 1/2 feet.

Wells in this area can 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 60 percent of the tested capacity of the aquifer.

1. Use Sec. 6, T. 27N, R. 21W. Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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

3. Containing 18.931 acres more or less

Show exact depth of bottom.

Bottom of well 125'

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

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

52 Driller's License Number

Driller's Signature

William W. Thompson

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STATE OF MONTANA SS
COUNTY OF FLATHEAD

Filed on the 11 day of *Sept*
A. D. 1967 at 11:20 Clock AM

em
County Clerk and Recorder

By *[Signature]* Deputy

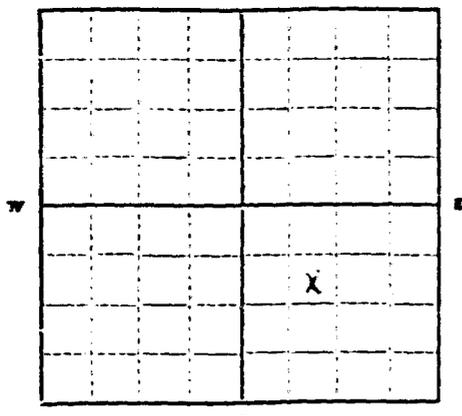
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
STATE ENGINEER

1. Henry Krust of Rox 22, 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 1 T21 R21

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

2. The beneficial use on which the claim is based Home and garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been year 1945
Ever since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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 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 year 1945

8. The depth of water table 25 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 Dug well

10. The estimated amount of groundwater withdrawn each year 730 cu gal

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

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 Henry Krust
Date Dec 27, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

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STATE OF MONTANA | SS
COUNTY OF FLATHEAD |

Filed on the 2 day of Dec
A. D. 1970 at 11:20 Clock AM

98m
County Clerk and Recorder

By

m.j

Deputy

File No.

Township North Range 1

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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 Herman H. Hullett Address Kalispell Mont R. 62

Contractor, if any

Address of Contractor

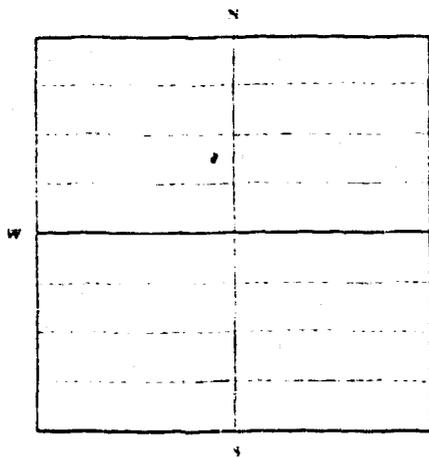
Date Started Date Completed

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

*This is spring water piped in our
home for household use bath
toilet washing and cooking.
to water garden and lawn.*

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 1/2 Sec 7 T 27 R 21

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

about 25 ft so of house

Signature of Owner Herman H. Hullett

Date Dec. 23 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
well is located.

Check this on the return. If no appropriation is made, otherwise the form will be returned.

Original to be filed with the State Engineer. Triplicate to the Montana
Bureau of Geology and Mineral Resources, Department of Geology and Mineral Resources.

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File No. _____

T 27 N 3 W R _____

ORIGINAL

County _____

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 _____ 1950 _____

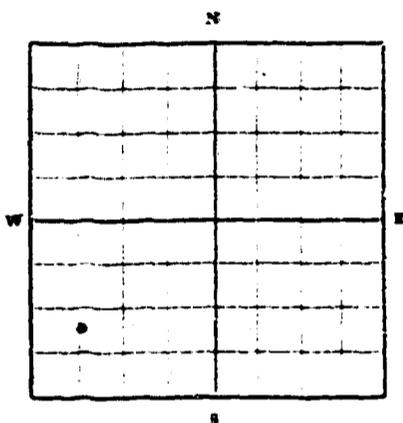
Owner Harold E. Jones Address Malisavell

Contractor (if any) _____

Address of Contractor _____

Date Started 1950 Date Completed 1950

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. curbed spring - 6 feet deep from sub-irrigation - turned to house by pressure pipe



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

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

Signature of Owner Harold E. Jones

Date Dec 30, 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.

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STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

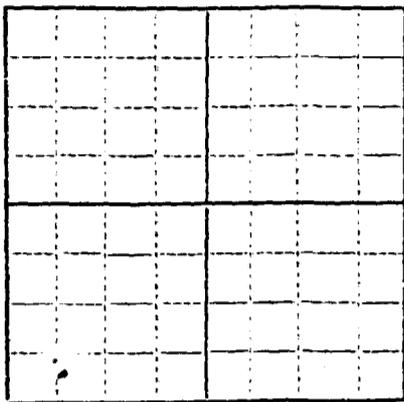
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1963

STATE ENGINEER

1. Harold F. Jones of Marion Stage Route 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:



SW 1/4 Sec. 7 T. 27 R. 2/W

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

- 2. The beneficial use on which the claim is based Household, garden, pasture
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been August, 1961
Continuous service
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 89 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
Garden and pasture
Russell Label, 7 acres
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Pressure Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater August 1961

8. The depth of water table Six (6) Feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Concrete tile line (9) feet deep

10. The estimated amount of groundwater withdrawn each year Six thousand gallons

11. The log of formations encountered in the drilling of each well if available Clay and quick sand and back filled with 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 Harold F. Jones
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.