

F. No.

T 29 R 22 25
County Flathead

TRIPLICATE

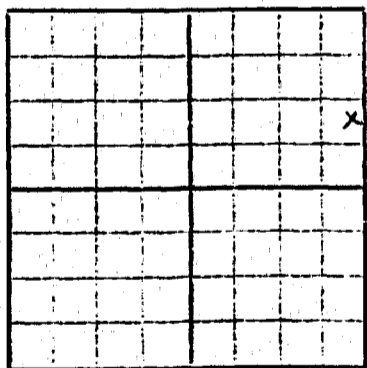
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner George J. Mitee Address Kearney Blvd.Driller Robert Justin Address Col. Falls RoadDate of Notice of Appropriation of Groundwater none filedDate well started Aug 19-65 Date Completed Aug 20-65Type of well Drilled Equipment Used Churn
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/8	7" 60 23.66	0	55	none		



36 1/4 N 64 Sec 25 T 29 R 22

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 36 feet.Shut-in Pressure for Flowing Well non-flowingPumping Water Level 38 feet at 30 gal. per minute.Discharge in gal. per min. of flowing well non-flowingHow Tested Factor 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 71135Driller's Signature George J. Justin

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.

44,652

13879

STATE OF MONTANA
COUNTY OF FLATHEAD

Filed on the 11 day of Sept
A.D. 1968 at 1:53 o'clock PM

DEM
County Clerk and Recorder

By

Deputy

File No. _____

GW 4

T. 29 N 22 W 29
R. _____
County _____

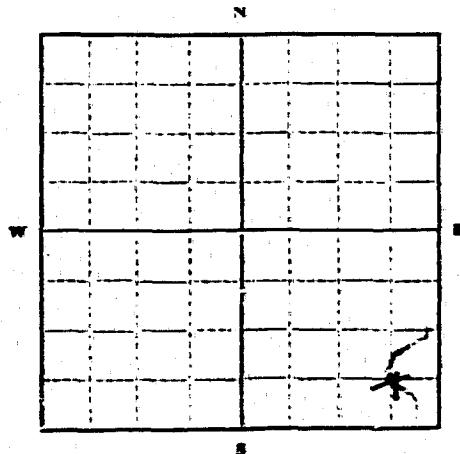
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

I, Georgia I Metre, of Route # 3, 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.E. 1/4 Sec. 23T 29N 22 W

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

2. The beneficial use on which the claim is based home use
and stock water
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been Approx 1933
continuous use
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 100 gallons per minute
5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
NO
6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal 2 pumps
(Spring) Well Approx 40 ft. from river
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater at least 30 years ago
8. The depth of water table approx. 12 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 well with concrete casing approx 20 ft deep
2 pumps.
10. The estimated amount of groundwater withdrawn each year 600,000 gallons
11. The log of formations encountered in the drilling of each well if available
clay, sand and silt
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

Georgia I. Metre
Jan 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.

23104

10933

NOTARIAL PUBLIC, ST.
COUNTY OF [illegible] MO.
Subscribed and sworn to before me this 31 day of Dec
A.D. 1963 at 1:25 o'clock P.M.
J. C. [illegible]
County Clerk and Recorder
By [illegible] Deputy

GW 2 F. No.

T 29 R 22 26
County Blaine

TRIPLICATE

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 From Mac Kelly Address Box 3
Driller Harvey McElroy Address 945 - 8th St.

Date of Notice of Appropriation of Groundwater
Date well started Oct 23/67 Date Completed Oct 31/67

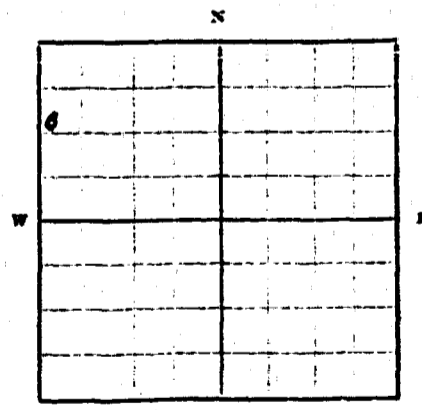
Type of well Drilled Equipment Used 22 W T. S. Co.
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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 2485
(Elev. above sea level)
6" Top soil
cobbles
boulders
32 ft
Gravel
cobbles
Clay
37 ft
Course
sand
gravel
water

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>7" 5/8"</u>	<u>23"</u>	<u>15'</u>				



Indicate location of well and place of use, if possible. Each small square represents 10 acres.
15 ft
Show exact depth of bottom.

Static Water Level for non-flowing Well 22 feet.
Shut-in Pressure for Flowing Well
Pumping Water Level 145 feet at 16 2/3 gal. per minute.
Discharge in gal. per min. of flowing well
How Tested Bar Length of Test 3 hrs
Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation)

18
Driller's License Number
Harvey McElroy
Driller's Signature

13,786

STATE OF MONTANA
COUNTY OF FLATHEAD SS

Filed on the 12 day of May
A.D. 1928 at 5 PM o'clock PM

County Clerk and Recorder

By

M. J.

Deputy

26

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
Right of Way
JAN 8 1964
STATE ENGINEER

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

2. The beneficial use on which the claim is based next for
stock, have helped into a ledge are situated out
3. Date or approximate date of earliest beneficial use; and how continuous the use has been approx 1934
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 feet of water in well
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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
hand pump at front
- tion of the construction of the well, wells, or other works for with-
- e, size and depth of each well or the general specifications of any other
water
about 10 feet deep
- withdrawn each year 10,000 gallons more or less
- the drilling of each well if available
not available
- ture as may be useful in carrying out the policy of this act, including
ity record

Date 12/12/1963

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

10980

131 Dec
63 21
J. M.
County Clerk and Recorder
22 66
Deputy

File No. _____

GW 4

T. 29 R. 22 26

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

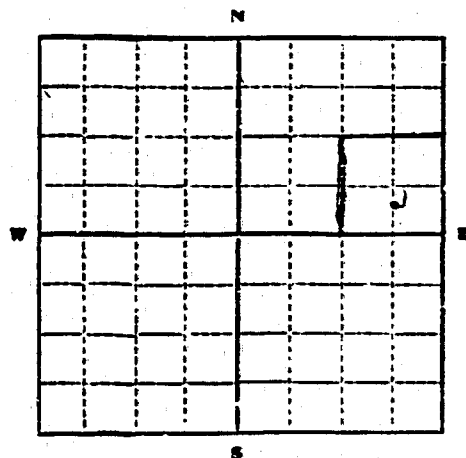
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. John L. Martinson of Route 3 Kaliapell
(Name of Appropriator) (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NE Sec 26 T29 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 for household, livestock use and irrigating garden.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been about 1915 and continuously since.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 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 John Martinson owner the garden is about 1/2 acre in size and is adjacent to the well. near the center of SE 1/4 NE 1/4 of Sec 26 - 29 - 22.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal drilled well in SE 1/4 T29 R22.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater drilled in summer of 1915.
8. The depth of water table about seventy 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 It is a drilled well with 6 inch casing and a depth of 200 ft. No other information available.
10. The estimated amount of groundwater withdrawn each year 72,000 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 John L. Martinson

Date Dec. 17, 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.

10029

STATE OF MONTANA : SS
COUNTY OF FLATHEAD

Filed on the 17 day of Nov
A.D. 1963 at 9:45 o'clock P.M.

J. E. M.
County Clerk and Recorder

By J. J. H. Deputy

RECEIVED

FEB 26 1959

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. 29 R. 22

County Flathead

STATE ENGINEER

WATER WELL LOG

Owner Fred Bolater Address 7 Lincoln St
Driller Harner McCharty Address # 945-8th St.
Date Started Jun 15, 1959 Date Completed Jul 7/59
Location: Sec. 27 T. 29 R. 22 1/4 sec. NW 4

Type of well Drilled Equipment used Cable tool 2 1/4"
(Dug, driven, bored, or drilled) (Churn drill, rotary, other)

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other: _____

Casing: 7" O.D. ft. to 245 ft. Type 20" Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____
Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to ft. _____ Ft. _____ to ft. _____

Type of screen or perforations: _____

Static Water level, for non-flowing well: 135 feet.

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

Pumping water level 215 feet at 700 gal. per hr

How tested: Boiler

Length of test: 2 hrs

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

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
		8 ft sand & boulders Cement Gravel Clay
88 ft	92	some water real dirty with sand
		Cement gravel
119		boulders
		Cement gravel Clay some sand
190 ft		trace of water Clay gravel, sand boulders
220		
225		more water with red sand
237 ft		
245		water bearing gravel

August
13 boulder section
59' 10' 45"
G.
Helm C. Nelson

File No.

GW 4

T 29 N. R. 22 West

27

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

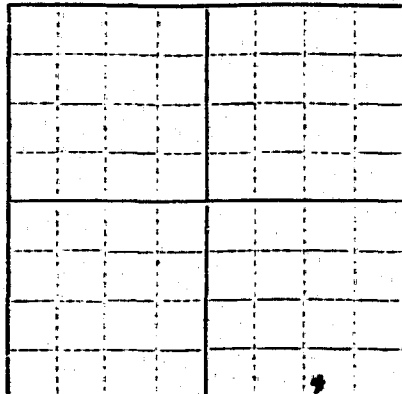
RECEIVED
DEC 10 1963

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Charles E. O'Boyle of Route 3 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 SE 4 Sec. 27 T29N R22W

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

2. The beneficial use on which the claim is based domestic,
stock watering and irrigation.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1900; constant use since
1900.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 60 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
2 acres; Southeast Quarter of the Southeast
Quarter of said Section 27 Township 29 North,
Range 22 West.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Pump; Southwest corner of the Southeast
Quarter of the Southeast Quarter Sec. 27, Township 29N,
Range 22 West.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1900
8. The depth of water table 40 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 it was a dug well; it now has been piped
and the excavation filled; depth of well, 130 feet.
10. The estimated amount of groundwater withdrawn each year 100,000 gallons
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner

Charles E. O'BoyleDate December 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.

1375

9961

STATE OF MONTANA)
COUNTY OF FLATHEAD) SS

Filed on the 6 day of Dec
A.D. 19 63 at 10 ¹⁰/₁₀ Clock A M

Glenn E. Millhouse
County Clerk and Recorder

By Lorraine Stulen
Deputy

File No. _____

DUPLICATE

T 29 R 22

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

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
1962
STATE ENGINEER

Top of Ground

(Elev. above sea level _____)

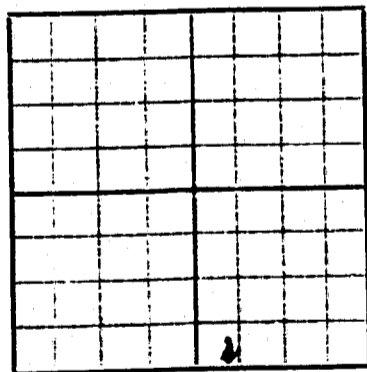
0 to 80 ft hand
dug open hole.80 to 182
tan hard pan.182 to 195
Brown hard pan.195 water bearing
gravel & mud.

Owner Arne Grovo Address R#3 Kalispell
 Driller Olsen & Gustafson Address Col. Falls, Mont.
 Date of Notice of Appropriation of Groundwater none filed
 Date well started Sept 5-62 Date Completed Sept 12-62
 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)
7"	7" 00 20 lbs per ft.	6	195	none		



Sec. 27 T29 R22
 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 107 feet.Shut-in Pressure for Flowing Well non-flowingPumping Water Level 130 feet at 10 gal. per minute.Discharge in gal. per min. of flowing well non-flowingHow 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)

all measurements from
ground surface.

7455

Driller's License Number

Olsen & Gustafson
George J. Gustafson

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.

9130

STATE OF MONTANA
COUNTY OF FLATHEAD

Filed on the 1 day of Oct.
A.D. 1942 at 4¹² o'clock PM

J. E. M.

County Clerk and Recorder

By

J. J. H.

Deputy

copy

original

copy

copy

copy

File No. _____

GW 4

T. 29 N. R. 22 W. 27
County Blaine

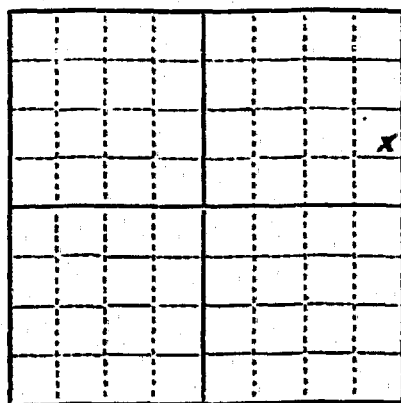
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Henry A. Keller, of Route 3 Heligraff
(Name of Appropriator) (Address) (Town)
County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NE Sec 27 T. 29 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, water catch, general farm use
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been approx. 1936, in
constant use
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 7 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
not used for irrigation
6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal
electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater July to August 1936
8. The depth of water table about 100 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
underground well, hand casing, 13.5 feet deep with
approx. 25 feet of water
10. The estimated amount of groundwater withdrawn each year 1,000,000 gallons (gallons)
11. The log of formations encountered in the drilling of each well if available
not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record
none

Signature of Owner

Henry A. Keller
Date 12/12/1963

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

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

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

23159

10989

STATE OF MISSISSIPPI
COUNTY OF LEBANESE, SO.
Filed on the 31 day of Dec
A.D. 1923 at 10 o'clock M
J. E. M.
County Clerk and Recorder
By J. E. M.
Deputy

File No. _____

GW 4

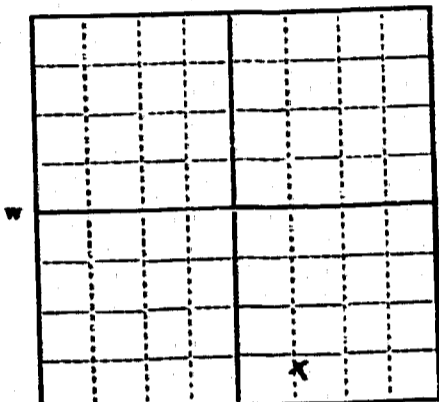
T. 29N R. 22W 28
County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Elizabeth J. Coclet, of 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
NE 1/4 Sec 28 T29 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 large scale irrigation & general farm use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been first use about 1902
continuous ever since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal per min.
approx. 100 million gal. per year

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
approx. 200 acres
Elizabeth Coclet

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1902

8. The depth of water table Twenty 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
Deep well 200 ft. inside the cribbing
of cribbing with pump

10. The estimated amount of groundwater withdrawn each year one million gal

11. The log of formations encountered in the drilling of each well if available
After getting under sub soil encountered gravel for about
twenty ft. then coarse gravel or sandstone of approx. 10
feet to fifty ft.

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

Signature of Owner

Elizabeth J. Coclet
Date Dec. 24 1963

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

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

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

22747

10569

STATE OF NEW YORK
COUNTY OF LAMAR, SS
Filed on the 30th day of Dec
A.D. 1962 at 3:41 o'clock P.M.
Glenn E. Melhouse
County Clerk and Recorder
By Keith Deputy

GW 3 MONTANA WATER RESOURCES BOARD

RECEIVED

File No.

NOV 9 1967

T. 29 R. 22

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)

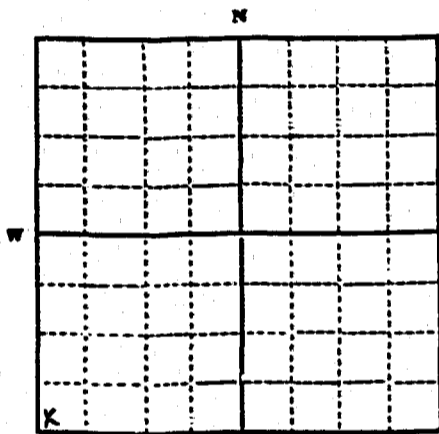
Date of Appropriation of Groundwater April 20, 1967
Owner V. Spring Grosswiler Address Kalispell, Montana

Contractor (if any)

Address of Contractor

Date Started April 10, 1967 Date Completed April 20, 1967

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Irrigation pit depth to water: 12 feet



SW 1/4 Sec 28 T.29 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.

800 gallons per minute, measured with pump

approximate time of use: 40 days during irrigation season

Signature of Owner Paul Grosswiler

Date August 18, 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.

12, 996

STATE OF MONTANA)
COUNTY OF FLAHERTY) SS
Filed on the 12 day of Sept
A. D. 1907 at 11 o'clock M
J. E. M.
County Clerk and Recorder
By M. J.
Deputy

File No. _____

GW 4

T 27 N R 22 N 28
County _____

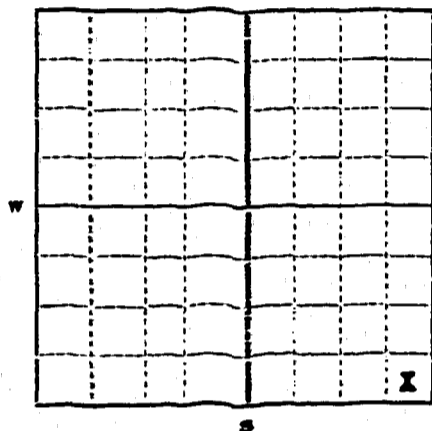
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Jack J. Johns and Alvin Keller of Route 3 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:



SS-1/4 Sec. 23 T29 R22N

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, Kitchen Garden and Stock Water
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Continuous since 1901.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). Ten (10) Gallons per Minute
5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof. Approximately One Acre, Kitchen Garden. Owners: Jack J. Johns and Alvin Keller.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. By 1/2 inch pipe, Electric Motor Driven Pump. Well is located approximately one third distance from House to Barn.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Original Dig Well completed in 1901, Drilled to Present day 1963.
8. The depth of water table. 120 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. Drilled, 180 ft. Deep
10. The estimated amount of groundwater withdrawn each year. 50,000 Gals
11. The log of formations encountered in the drilling of each well if available. Not Applicable
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. Not Applicable

Signature of Owner

Jack J. Johns
Date 31 December 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.

22812

10685

RECEIVED
OFFICE OF THE SECRETARY OF THE ARMY
WASHINGTON, D. C. 20315

3-90 *dec*

RC 7m

Copy, Check and forward

did H

Page 1

RECEIVED

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

This form to be prepared by a 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 Jerry Stafford

Address Rt. 3 - Dalispell

1 mi. East of West Valley School

Date well started 10-6-71

completed 10-18-71

For Administrator's Use

File 14354

Nov. 22, 1971
1:10 P.M.

GW 1

Type of well Drilled

(Dig, driven, bored or drilled)

Equipment used Drill

(Chain drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

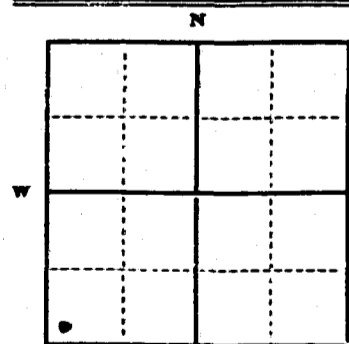
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 200,000 gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
<u>7 1/2</u>	<u>5/8 O.D. .280 wall</u>	<u>0</u>	<u>175</u>	Kind Size	From (Feet)	To (Feet)
				<u>NONE</u>		



SW 1/4 Sec. 28
T. 29 N. R. 22 E.
S W

Static water level 150 ft.*
Pumping water level 160 ft.*
at 15 gallons per minute,
measured 60 minutes after pumping began.

*Measured from ground level.
Well developed by Bailer
for 3 hours.

Power _____ Pump _____ HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) Open Bottom

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

Driller's Signature Jerome J. Weber

Driller's Address P.O. Box 929, Col. Falls, Mont.

LICENSE NO. 131

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) 3,050

From (Feet)	To (Feet)	
<u>0</u>	<u>2</u>	<u>Top Soil</u>
<u>2</u>	<u>45</u>	<u>Hard Brown Clay Saturated with Boulders</u>
<u>45</u>	<u>50-6</u>	<u>Gray Clay Boulders</u>
<u>50-6</u>	<u>53</u>	<u>Solid Rock</u>
<u>53</u>	<u>70</u>	<u>Gray Clay & Boulders</u>
<u>70</u>	<u>154</u>	<u>Hard Golden Clay and Boulders</u>
<u>154</u>	<u>165</u>	<u>Same as above Strata</u>
<u>165</u>	<u>172</u>	<u>More water (shaly)</u>
<u>172</u>	<u>175</u>	<u>First clean water</u>
<u>173</u>	<u>175</u>	<u>Cemented Gravel Major Water Strata</u>

175 Show exact depth of bottom

49458

714, 354

STATE OF MONTANA } 28
COUNTY OF FLATHEAD }

Filed on the 22 day of Nov
A.D. 1922 at 1:10 o'clock P.M.

[Signature]
County Clerk and Recorder

By

[Signature]
Deputy

50,303

14,607

STATE OF MONTANA
COUNTY OF FLATHEAD

Filed on the 25 day of Nov
A.D. 1923 at 1:05 o'clock P. M.

Wm T
County Clerk and Recorder

By Wm T
Deputy

F. No. _____

T 29 R 22

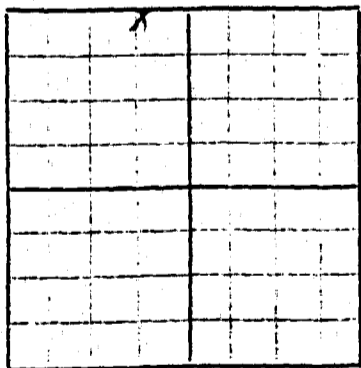
County Blithedale

TRIPPLICATE

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

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level 2982)1ft top soil1'-66' Gravel, cobbles
+ boulders66'-112' Sand, cobbles
& clay112'-140' Clay, gravel
cobbles & boulders140'-190' Clay & gravel
155' seepage190'-202' Silt & clay202'-220' Silt & clay
& cobbles220'-280' Silt & clay
seepage287'RockWaterNE 1/4 Sec. 29, T. 29, R. 22Indicate location of well and
place of use, if possible. Each
small square represents 10 acres.413 ft

Show exact depth of bottom.

Owner Dennis Rasmussen R.R. 3 KelloggDriller Homer McCarty Address 945-8th St. N.

Date of Notice of Appropriation of Groundwater _____

Date well started Aug 16, 1968 Date Completed Nov. 7/68Type of well Drilled Equipment Used 2 1/2" Bascor
(dug, driven, bored or (Churn, drill, rotary or other)Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐Indicate on the diagram the character and thickness of the different
strata met with in drilling, such as soil, clay, shale, gravel, rock or sand,
etc. Show depth at which water is encountered, thickness and character of
water-bearing strata and height to which the water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>7 1/2" N</u>	<u>23"</u>		<u>36 1/2"</u>			

Static Water Level for non-flowing Well 160 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 360 feet at 1 1/2 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailer Length of Test 4 hrsRemarks: (Gravel packing, cementing, packers, type of shutoff, loca-
tion of place of use of groundwater if not at well, and any
other similar pertinent information, including number of
acres irrigated, if used for irrigation) _____Driller's License Number 18Driller's Signature Homer McCartyThis form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Re-
corder in the county in which the well is located.

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

Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines
and Quadruplicate for the Appropriator.45,127

13,968

STATE OF MONTANA
COUNTY OF FLAHEAD

Filed on the 18 day of May
A.D. 1969 at 5:00 o'clock P.M.

County Clerk and Recorder

By

D.H.D.

Deputy

GW 3

File No. _____

T. 29 ^N R. 22 ^W 31

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 1 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1964

Owner Raymond Otten Address Route # 3, Kalispell
Montana

Contractor (if any) none

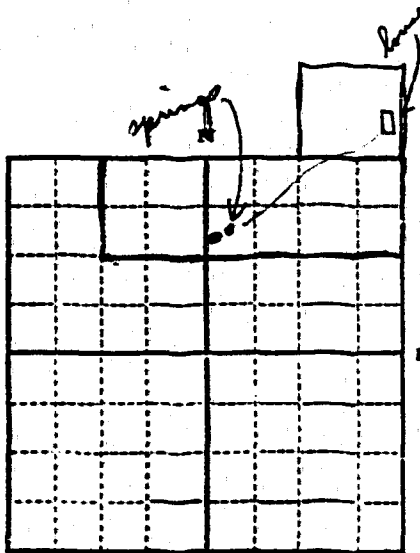
Address of Contractor _____

Date Started 1964 Date Completed 1964

Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable. Natural springs coming from
hillside on my property. I have put in a
500 gallon storage tank and piped it to my
house and stock tank in my farm yard.

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. Approximately
2,000 gallons a day. This spring is a year
around spring and it never stops running.



NE $\frac{1}{4}$ NE $\frac{1}{4}$ Sec. 31 T. 29 R. 22
Indicate point of appropriation
and place of use, if possible.

SE $\frac{1}{4}$ SE $\frac{1}{4}$ 30-29-22
T-3A-in NE $\frac{1}{4}$ NE $\frac{1}{4}$ 31-29-22
T-3 -in NE $\frac{1}{4}$ NE $\frac{1}{4}$ 31-29-22
NE $\frac{1}{4}$ NW $\frac{1}{4}$ 31-29-22

Signature of Owner Raymond Otten *Raymond Otten*

Date 9-21-64

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.

38517

11,528

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }

Filed on the 21 day of Sept
A. D. 1947 at 3 o'clock PM

L. E. M.
County Clerk and Recorder

By L. E. M. Deputy

File No.

DUPLICATE

T 29

R 22

32

County

Flathead

DEC 18 1968

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

51 ft open hole

Cream color

hard pan

68 ft

Hard pan

Color brown

90 ft

Cobbles, gravel
& little water

148 ft

Brown hard pan
little water

230 ft

Glacier silt

287 ft

Rock

With water

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner

Driller

Date of Notice of Appropriation of Groundwater

Date well started

Type of well

(dug, driven, bored or drilled)

Equipment Used

(Churn, drill, rotary or other)

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

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

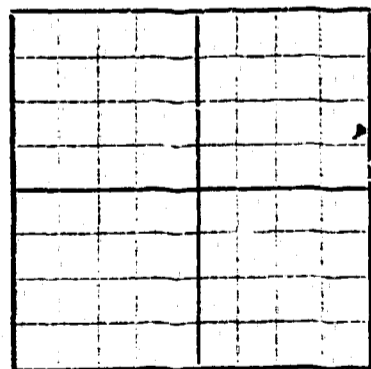
From (Feet)

To (Feet)

7" 1102

23#

287'



N.E. 1/4 Sec 32 T.21N R. 22E

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

323 ft

Show exact depth of bottom.

Static Water Level for non-flowing Well 12.5 feet

Shut-in Pressure for Flowing Well

Pumping Water Level 27.5 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer 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)

Driller's License Number

18
Homer McCarty
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.

44,864

13913

STATE OF MONTANA } ss
COUNTY OF FLATHEAD }
Filed on the 4 day of Nov
A.D. 1968 at 4:19 o'clock P.M.
County Clerk and Recorder
By _____

[Faint, mostly illegible handwritten notes and signatures, possibly including names like "John" and "Mary"]

GW 3

File No. _____

T. 29 ^N R. 22 ^W 32

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 1 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

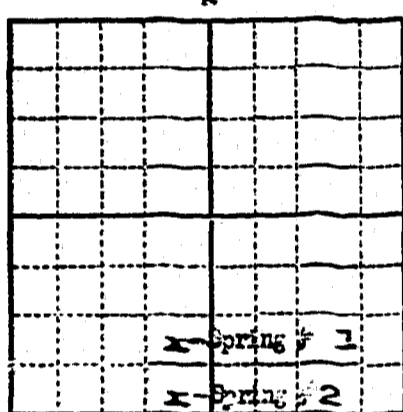
Date of Appropriation of Groundwater September 2, 1964

Owner Olga Stromset Address 322 N. 25th St. Billings, Montana

Contractor (if any) none

Address of Contractor none

Date Started - Date Completed -



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. By flowing springs and other natural process such as sub-irrigation. Springs have been cleaned, ditched, protected by fences and concrete well curbing installed at point of diversion for domestic use.

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. Total flows of springs shown as numbers 1 and 2 on plat is hereby appropriated for domestic use, livestock consumption and general use and for natural sub-irrigation.

Signature of Owner Olga Stromset

Date Sept. 25, 1964

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

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

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

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

32520

11,532

STATE OF MONTANA (SS
COUNTY OF FLATHEAD
Filed on the 28 day of Sept
A. D. 1964 at 11:30 o'clock A M
SEM
County Clerk and Recorder
By M. J. Deputy

STATE WATER CONSERVATION BOARD

GW 3

DEC 3 1965

File No.

B...

B...

C...

Darlington...

Dickert...

T 29 R 22

County Fleetham

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 SEPT 15 1964Owner DON A. KNOLL Address RT 3. KANSPELL, MONT.Contractor (if any) NONE

Address of Contractor

Date Started SEPT 1964 Date Completed DEC. 1964

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

GRAVITY FLOW FROM SIDE HILLDEPTH- ONE FOOT

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

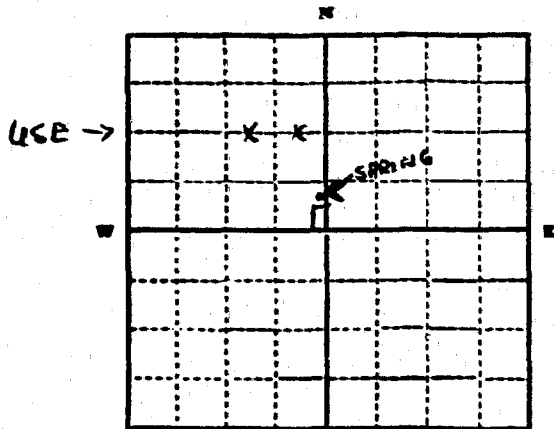
300 GAL HOUR - NOV TO AUG.150 GAL HOUR - AUG TO NOV.5 GAL CAN EA. MIN - MEASUREMENT1/2 AMOUNT USED IN SUMMER - 1/8 USED IN WINTER.Signature of Owner Don A. KnollDate 1 Nov 1965

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 NW 1/4 Sec. 32 T29 R22

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

39942

11923

DO NOT WRITE IN THESE SPACES
Dec on the 2 day of Nov
A.D. 65 at 4:30 o'clock P.M.
County Clerk and Recorder
By  Deputy

RECEIVED

County Flathead

DRILLER'S LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOV 29 1971

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

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Arnold E. Jaacks and Elaine M. Jaacks

Address Route 3
Kalispell, Montana

Date well started 7/1/71
completed 7/2/71

For Administrator's Use	
File	<u>14356</u>
	<u>11-26-71</u>
	<u>3:48 P.M.</u>
GW 1	

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

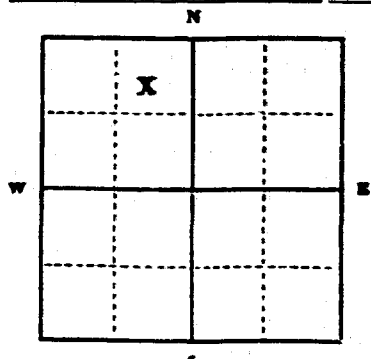
Equipment used Air Rotary
(Chain drill, rotary or other)

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

*Describe
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). Approx. 17 acres

ESTIMATED ANNUAL WITHDRAWAL 12,614,400

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
8"	2 5/8"	0	20'			
	6 6/8"	+1:6"	40:9"	NONE		
	GD x 1/2"					



Static water level 100 ft.*
Pumping water level 150 ft.*
at 24 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by Air Lift Pump
for 2 hours.
Power Diesel Pump 150 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) A rubber
packer is placed on bottom
of six inch casing. Annulus
between six and eight inch
casing is grouted with
(Con't)

HE 1/4 N 1/4 Sec. 32
T. 29 N. R. 22 E
X W

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

Driller's Signature W. E. Calhoun
Driller's Address 2500 Reserve
Missoula, Montana

LICENSE NO. 52

Top of Ground Approx. (Elev. above sea level) <u>3200</u>		
From (Feet)	To (Feet)	
0	15	Tan clay, boulders and broken rock
15	74	Gray-green rock
74	81	Broken gray-green rock
81	144	Gray-green rock
144	153	Gray-green broken rock
153	163	Gray-green rock
163	166	Gray-green broken rock
166	186	Gray-green rock
186	188	Gray-green broken rock
188	199	Gray-green rock
199	204	Gray-green broken rock
204	214	Gray-green rock
214	218	Gray-green broken rock
218	200	Gray-green rock

200' Show exact depth of bottom
Water rises in well 100' from surface.

49477

14356

STATE OF MONTANA }
COUNTY OF FLATHEAD }

Filed on the 26 day of Nov
A.D. 1927 at 2 M o'clock P.M.

By [Signature]
County Clerk and Recorder

Deputy

(Con't) five sacks of cement. All water entering well from cracks and seams in the rock below 165 ft.

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.

File No. _____

GW 4

T. 29 N 22 W R. 32
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)

I, Rosa B. Walter, of Route #3 - Kalispell, M
(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:

		X			

NE 1/4 NW 1/4 Sec. 37 T. 29 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 Irrigation
Water Lawn & Garden
 3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been Year 1910 - Continuous
 4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 500 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
10 acres adjoining & across
Well
 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 with-
drawal of groundwater. Approx 1910 - when Well
was dug
 8. The depth of water table 65 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. 65 ft
 10. The estimated amount of groundwater withdrawn each year. 50,000 gallons
 11. The log of formations encountered in the drilling of each well if available. Silt
Gravel & 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. None
- Signature of Owner Rosa B. Walter
Date Dec 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.

22745

10567

Recorded and Indexed
Filed for Record
A. D. 1963 at 339
Glen E. Melhase
County Clerk and Recorder
Cheith
Deputy

File No. _____

GW 2

T 29 R 22 32
County YellowstoneSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERTop of Ground
(Elev. above sea level _____)Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Gerald Lickerman Address Helena, Mont.Driller Angyle Henderson Address Helena, Mont.

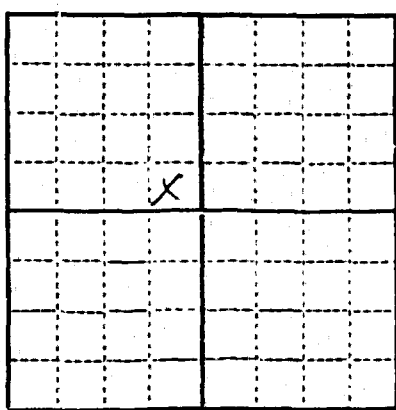
Date of Notice of Appropriation of Groundwater _____

Date well started _____ Date Completed _____

Type of well Drilled Equipment Used Drill
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☐ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	7.00 20 lbs. Threaded	0	52	X	X	X



7N4, 11W Sec 32 T21 R12
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 20 feet.Shut-in Pressure for Flowing Well Not applicable

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

Discharge in gal. per min. of flowing well Not applicableHow Tested _____ Length of Test 2 hours

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

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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

45,121

13956

STATE OF MONTANA }
COUNTY OF FLATHEAD } SS

Filed on the 14 day of Sept
A.D. 1967 at 9:25 Clock PM

[Signature]
County Clerk and Recorder

By [Signature]
Deputy

F. No.

County Flathead

TRIPLICATE

JUL 23 1969

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 2980)1st Top rock
large rock13thGravel20thGravel with
pebbles49 ftCoarsesandWater**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

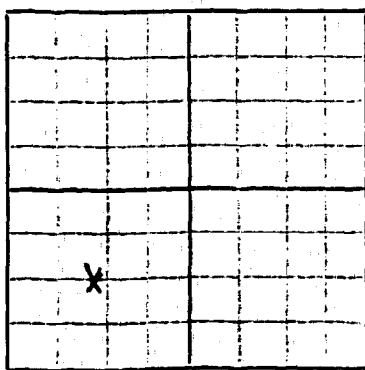
Owner Longer Ranch Address KalispellDriller Donna McClellan Address 745-13th Ave N

Date of Notice of Appropriation of Groundwater

Date well started May 1, 1969 Date Completed May 12, 1969Type of well drilled Equipment Used 2 1/2" W. B. Pump
(dug, driven, bored or (Churn, drill, rotary or
drilled) other) etcWater Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>7" DN</u>	<u>23"</u>		<u>24</u>			

N 1/4 Sec 33 T29 R22

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

04 ft

Show exact depth of bottom.

Static Water Level for non-flowing Well 25 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 27 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested 3 min Length of Test 3 hrs

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

18
Driller's License Number

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.

45453

13,992

STATE OF MONTANA }
COUNTY OF FLATHEAD } SS
Filed on the 14 day of May
1924 at 9 40 o'clock A.M.
County Clerk and Recorder
By _____
Deputy

File No. _____

GW 4

T 27N R 22W 33

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1964
STATE ENGINEER

1. Jack J. Johns and Alvin Keller of Route 3 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 $\frac{1}{4}$ Sec 33 T 29 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, Kitchen Garden and Stock Water.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since 1914
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Ten (10) Gals 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 Approximately One Acre, Garden Owners: Jack J. Johns and Alvin Keller.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal By Submersible Electric Motor Driven Pump. About 50 Yds SE of House.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Dugwell completed in 1914, drilled to present depth in 1963.

8. The depth of water table 180 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. Drilled. 240 Ft Deep.

10. The estimated amount of groundwater withdrawn each year 250,000 Gals.

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. Not Applicable

Signature of Owner

Alvin M. Keller
Jack J. Johns
Date December 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.

22811

10684

RECEIVED
JAN 31 1963
JAN 31 1963 at 9:00 AM
J. C. M.
County Clerk and Recorder
37
Deputy

RECEIVED

29N-22W
County Flathead 33

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 Sappington

Address Kalispell
Montana

Date well started July 10, 1971 GW 1

completed July 19, 1971

Type of well Drilled

Equipment used Drill

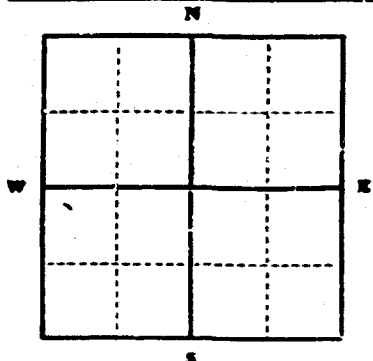
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	7.00 20#	0	120	X	X	X



NW 1/4 SW 1/4 Sec 33
T. 29 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 Argyle Henderson

Driller's Address Route 3, Kalispell

Montana

LICENSE NO. 153

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) 3062

From (Feet)	To (Feet)	
0	82	Rock and Gray Clay
82	108	Rock and Red Clay
108	114	Gravel and Red Clay
114	120	Sand Aquifer

70 Feet Static Water Level

82 108 Rock and Red Clay

94 Feet Water Found

108 114 Gravel and Red Clay

114 120 Sand Aquifer

120 Show exact depth of bottom

49357

#14340

STATE OF MONTANA
COUNTY OF FLATHEAD, SS

Filed on the 3 day of Nov
A.D. 1974 at 4:30 o'clock P.M.

[Signature]
County Clerk and Recorder

By [Signature] Deputy

File No. _____

GW 2

T 29 R 22 33
County RichmondSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

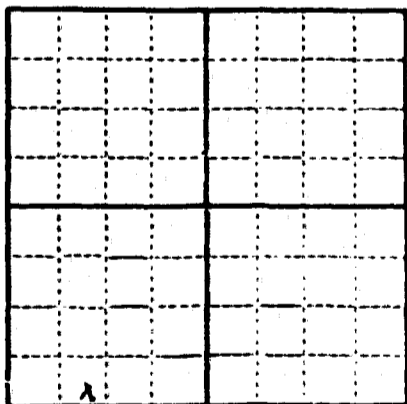
Owner Melvin Muench Feb 3Driller Horner McClarty 945-8th St. N.

Date of Notice of Appropriation of Groundwater _____

Date well started July 8/68 Date Completed July 16/68Type of well Drilled Equipment Used 2 3/4" Pumping
(dug, driven, bored or (Churn, drill, rotary or
drilled) other) OrbitWater 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	From (Feet)	To (Feet)
7" O.D.	23 #		53 1/2			

SE 1/4 Sec 33 T 29 R 22

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

53 1/2
Show exact depth of bottom.Static Water Level for non-flowing Well 30 feet

Shut-in Pressure for Flowing Well _____

Pumping Water Level 47 feet at 25 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Blower 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) _____

Driller's License Number 18Driller's Signature Horner 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.

4-633

13,835

STATE OF MONTANA
COUNTY OF FLATHEAD

Filed on the 23 day of July
A.D. 1968 at 11 o'clock A.M.

Edm
County Clerk and Recorder

By *Edm* Deputy

RECEIVED

0013

RECEIVED

29N-27W

County Alameda

DRILLER'S LOG

33

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.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

OCT 15 1970

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 Roger Thompson

Address 27th Ave.

Kalispell, Mont

Date well started Aug 24/70

completed Oct 9/70

Type of well Artesian

Equipment used 22W/3uassua F. m.

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

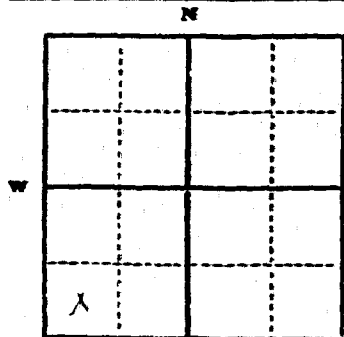
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7" O.D.	23#		175'			
5" O.D.	14#		141'			



Static water level 140 ft.
Pumping water level 259 ft.
at 11 gallons per minute,
measured _____ minutes after pumping
began.

*Measured from ground level.
Well developed by Miller
for 5 hours.

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

SW $\frac{1}{4}$ SW $\frac{1}{4}$ Sec 33
T. 21 N. R. 12 E.
S. W.

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

Driller's Signature _____

Driller's Address

Kalke & Mont
McClure & Brill

Top of Ground

(Elev. above sea level)

[illegible]

296 Show exact depth of bottom

47620

1429
STATE OF MONTANA
COUNTY OF FLATHEAD

Filed on the 17th day of
A.D. 1917 at 4 1/2 o'clock P.M.

County Clerk and Recorder
By [Signature]
Deputy

RECEIVED
RECORDS SECTION
JAN 22 1918

RECEIVED
JAN 22 1918

RECEIVED
JAN 22 1918

RECEIVED
JAN 22 1918

File No. _____

SW 4

T. 29 R. 22

County Flathead County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

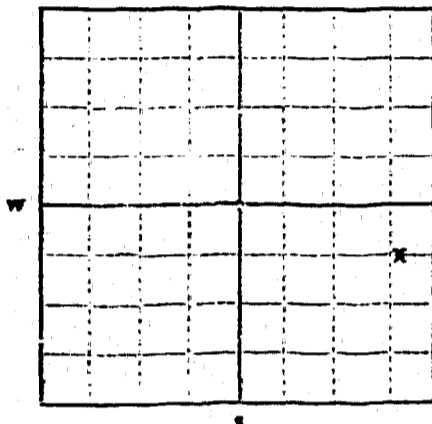
RECEIVED
MAR 14 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. PAUL GROSSWILER
~~Knut Garness~~
(Name of Appropriator) of Route 2
(Address) Kalispell
(Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 34 T. 29 R. 22
NE 1/4 Sec. 34

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

2. The beneficial use on which the claim is based _____
3. Date or approximate date of earliest beneficial use; and how continuous the use has been October, 1948,
continuous use since then.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 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
It has not been used for irrigation.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Pipe and pump, the well being located as described herein
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1948
8. The depth of water table Five 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 type, dug well; 5 feet in diameter;
circular and approximately 35 feet deep.
10. The estimated amount of groundwater withdrawn each year 70,000 gallons
11. The log of formations encountered in the drilling of each well if available
not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record no other information available.

Signature of Owner Knut Garness

Date February 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.

3903

9567

STATE OF MONTANA) SS
COUNTY OF FLATHEAD)

Filed on the 27 day of Jul
A.D. 1963 at 11:40 o'clock A M

[Signature]
County Clerk and Recorder
By [Signature] Deputy

File No. _____

GW 4

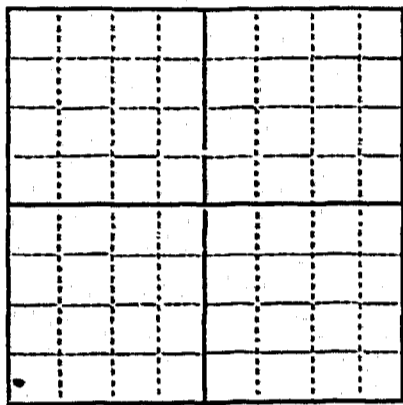
T 21 N 22 W 34
R 22
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 6 1964

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

1. Erving Hartwick of Road 3 Caliswell
(Name of Appropriator) (Address) (Town)
County of Blaine State of Mont
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec 34 T 22 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
House & Serece Garden

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been
year 1961
Ever since

4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 5 gal 5 in 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
Small 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 with-
drawal of groundwater
not applicable

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
not applicable

10. The estimated amount of groundwater withdrawn each year 91250 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
not applicable

Signature of Owner Erving Hartwick
Date Dec 22, 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.

10255

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }

Filed on the 27 day of Nov
A. D. 1962 at 11:25 o'clock A.M.

J. E. M.
County Clerk and Recorder

By J. E. M. Deputy

File No. _____

GW 4

T. 29 R. 22 35

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

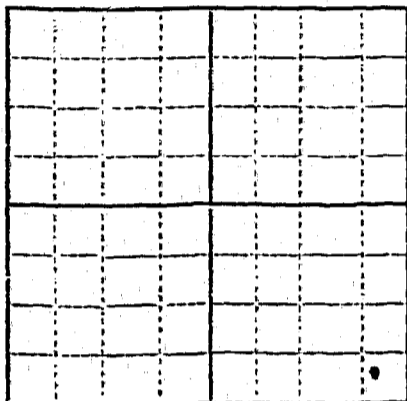
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Carl F. Bronswiler of #3 Kalisjelt
(Name of Appropriator) (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec 35 T. 29 R. 22 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
Domestic use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Feb 1958
Every day
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
300 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
7 acres + lawn
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
12' deep
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
begin Feb. 15, 1958 & finished Jan 10, 1958
8. The depth of water table
140' from top of ground
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.
Bored well 7" well casing 195' deep
10. The estimated amount of groundwater withdrawn each year
11,000 gal
11. The log of formations encountered in the drilling of each well if available.
Gravel 5' - 11' - 12' - 13' - 14' - 15' - 16' - 17' - 18' - 19' - 20' - 21' - 22' - 23' - 24' - 25' - 26' - 27' - 28' - 29' - 30' - 31' - 32' - 33' - 34' - 35' - 36' - 37' - 38' - 39' - 40' - 41' - 42' - 43' - 44' - 45' - 46' - 47' - 48' - 49' - 50' - 51' - 52' - 53' - 54' - 55' - 56' - 57' - 58' - 59' - 60' - 61' - 62' - 63' - 64' - 65' - 66' - 67' - 68' - 69' - 70' - 71' - 72' - 73' - 74' - 75' - 76' - 77' - 78' - 79' - 80' - 81' - 82' - 83' - 84' - 85' - 86' - 87' - 88' - 89' - 90' - 91' - 92' - 93' - 94' - 95' - 96' - 97' - 98' - 99' - 100'
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

Carl F. Bronswiler

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.

22465