

14,644

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }

Filed on the 25 day of April
A.D. 1923 at 1:52 o'clock P.M.

Mary E. Talbot
County Clerk and Recorder

By Chas. H. H. H.
Deputy

File No. _____

GW 4

T 28 N 22 R 22
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964

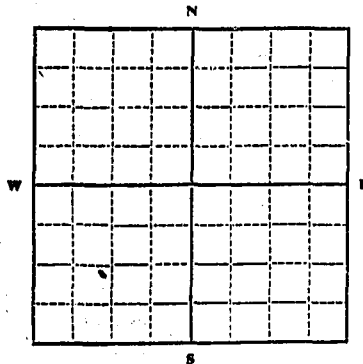
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Herbert Kegg

Route 3 Kalispell

1. Name of Appropriator) _____ of _____ (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. 4 T28 R22

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

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

Household and stockwater

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been. January, 1952
constant

4. The amount of groundwater claimed in inches or gallons
per minute. 50 gallons per minute

5. If used for irrigation, give the acreage and description of the lands
to which water has been applied and name of the owner thereof
Sec. 4 Twp. 28 R 22
T-5C & T-5B in N 1/2 SE 1/4 SW 1/4 20 Acres
Sec. 4 Twp. 28 R 22

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater. Commencement: October 1951
Completion: January, 1952

4 feet Commencement: October 1951

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. Household water well, 36 inch casing,
concrete, 10 feet deep
Household water well, 36 inch casing,
concrete, 10 feet deep

150,000

10. The estimated amount of groundwater withdrawn each year. none

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

none

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record. none

Signature of Owner. Herbert Kegg

Date. 12-24-63

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.

22423

10,243

STATE OF MONTANA / 53
COUNTY OF FLATHEAD

Filed on the 27 day of Dec
A.D. 1963 at 8² o'clock P.M.

S. L. M.
County Clerk and Recorder

By *M. G.*
Deputy

F. No. _____

T. 28 N. R. 22 W. 4

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)

Top of Ground

(Elev. above sea level 2980)1 ft Top soil
Clay, cobbles
Boulders - gravelOwner Paul Holmgren Rt 3Driller Harvey McCarley address 945-5347

Date of Notice of Appropriation of Groundwater _____

Date well started Feb. 3, '69 Date Completed Feb. 13, '69Type 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.

21 ft
Gravel cobbles
+ Clay
39 ft
Silt gravel
cobbles + Clay
60 ft
Silt, gravel
+ cobbles
104 ft
Silt, gravel
+ some water
115 ft
Coarse sand + gravel
Water

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	7" ID 23" H		129			

Static Water Level for non-flowing Well 69 feet.

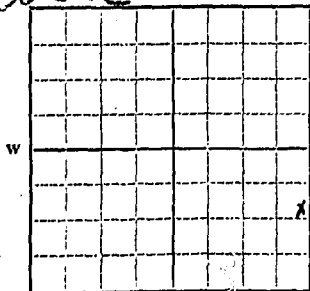
Shut-in Pressure for Flowing Well _____

Pumping Water Level 115 feet at 25 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) _____



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

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

129 ft
Show exact depth of bottom.Driller's License Number 18Driller's Signature Harvey McCarley

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.

45,124

13,963

STATE OF MONTANA }
COUNTY OF FLATHEAD } SS

Filed on the 5 day of March
A. D. 1969 at 12:30 o'clock

Sam
County Clerk and Recorder

By *[Signature]* Deputy

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE DEC 1 1970
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

DRILLER'S LOG

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

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

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

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

Owner Paul L. Holmgren

Address Box 100, Laramie

Bozeman, Mont

Date well started 11/2/70

completed 11/17/70

Type of well Drilled

Equipment used Hand drill

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

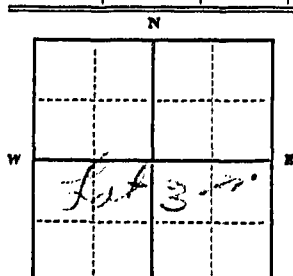
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*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)
6 1/2	2" 7.0	0	114			



NE 1/4 Sec. 14
T. 2 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 Richard J. Holmgren

Driller's Address Box 100, Laramie

LICENSE NO. 101

Top of Ground (Elev. above sea level) 3000

From (Feet)	To (Feet)	
0	9	Sandstone
9	32	Shale & clay
32	55	Shale & sandstone
55	111	Shale & sandstone
111	114	Shale & sandstone

114 Show exact depth of bottom

47820

14-233

STATE OF MONTANA } SS
COUNTY OF FLA/HEAD }
Filed on the 27 day of July
A.D. 1970 at 1:25 o'clock P.M.
Jem
County Clerk and Recorder
By Jem
Deputy

RECEIVED 28N-22W
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 Paul Holmgren
Address West Valley Dr.
Kalispell, Mont.
Date well started Oct 4/72
Completed Oct 24/72

For Administrator's Use
File 14,548
Date Nov. 1, 1972 1:40 p.m.
GW 1

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

Equipment used 2 1/2" Bucyrus-Erie
(Cable tool, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

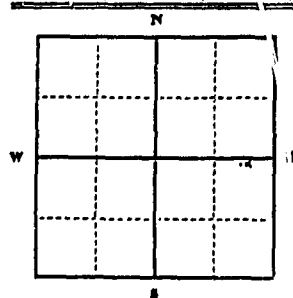
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

*Describe _____

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

ESTIMATED ANNUAL WITHDRAWAL _____

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PENETRATIONS		
				Kind	From (Feet)	To (Feet)
7" Ø	23"		153"			



Static water level 6.0 ft.*
Pumping water level 14.9 ft.*
at 2.5 gallons per minute,
measured minutes after pumping
began.

*Measured from ground level.
Well developed by Boiler
for 6 hours.

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

T. 28 N. 22 E. Sec. 4

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

Driller's Signature Horner Mr. Clark

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

Kalispell, Mont. LICENSE NO. 18

DRILLER'S LOG

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

Top of Ground (Elev. above sea level) <u>2900</u>	
From (Feet)	To (Feet)
2 ft.	Top Soil
39 ft.	Hard pan with shales
69 ft.	Grey sand
89 ft.	Hard pan color brown
145 ft.	Gravel
	Sand & silt
	Gravel
	Water
	Sand
	Gravel

153 ft. Show exact depth of bottom

5/752

14548

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }

Filed on the 1st day of Mar
A. D. 1922 at 4⁰⁰ o'clock PM

M. J.
County Clerk and Recorder

By DP Deputy

Doc. No. 14111
 Filed for record GW 2
 this 13 day of Feb.
 A. D. 19 70, at 9:43
 o'clock U. M.
 T. 284 226 4
 County Billings

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 2980)

Notice of Completion of Groundwater
 Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Paul Holmgren Address 3 mile Dr.
 Driller Homer McClerty Address 945 8th St. N.

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

Date well started Jan 27/70 Date Completed Feb 3/70

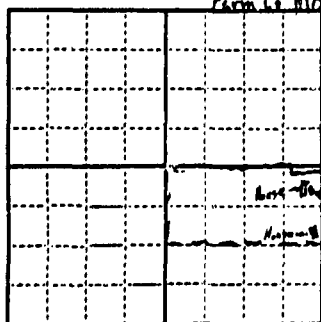
Type of well Drilled Equipment Used 2 1/2" Buryer
 (dug, driven, bored or (Churn, drill, rotary or
 drilled) other)

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.

1 ft Top soil
 silt + gravel
 14 ft
 Silt, gravel
 & cobbles
 51 ft
 Silt, clay gravel
 & cobbles
 114 ft
 Coarse water
 sand
 &
 gravel

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7" O.D.	23#		118'			



T-4C
 NE 1/4 Sec. 4 T. 28 N. R. 22 E.
 Indicate location of well and
 place of use, if possible. Each
 small square represents 10 acres.

118 ft.
 Show exact depth of bottom.

Static Water Level for non-flowing Well..... 50 feet.

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

Pumping Water Level..... 84 feet at 25 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, 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

Homer McClerty
 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.

46318

1411

STATE OF MONTANA
COUNTY OF FLATHEAD
Filed on the 13 day of Feb
A.D. 1970 at 9:45 o'clock A.M.
County Clerk and Recorder
By Deputy

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

Owner Wilfred R. Johnson
Marilyn E. Johnson

Address 244 N. Eversgreen

Kalispell, Mont.

Date well started 5-3-73

completed 5-7-73

For Administrator's Use	
File	<u>14, 698</u>
Date	<u>May 29, 1973</u>
GW	<u>10:23 A.M.</u>

Type of well Drilled

(Dig, drives, bored or drilled)

Equipment used Air Rotary

(Cable 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 10,600,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind and	From (Feet)	To (Feet)
8"	5/8" OD X.250	0	131'	Torch Cut Slots	104'	125'
8"	5/8" OD X.250	+2	43'	N O N E		

N

X		

W E

S

NW 1/4 NW 1/4 Sec. 4
T. 23 N. R. 22 E. 3

Static water level 75' ft.
Pumping water level 112' ft.
at 20 gallons per minute,
measured 90 minutes after pumping
began.

*Measured from ground level.
Well developed by AIR SURF
for six hours.
Power diesel Pump 150 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) All water
entering well from cracks &
seams in the rock below 97'.
Wells in this area can be
depended upon to (CONT.)

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

Driller's Signature Liberty Drilling Co.

Driller's Address LIBERTY DRILLING CO.

KALISPELL, MONTANA 59904

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. (ft. above sea level) 302

From (Feet)	To (Feet)	
0	2	Topsoil
2	25	Tan clay w/ some boulders
25	30	Tan clay, cobblestones, & boulders
30	56	Tan and green rock
56	91	Broken tan & green rock
91	131	Tan & green rock - water

131' Show exact depth of bottom

14,698

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }

Filed on the 29 day of May
A. D. 1913 at 11 o'clock A. M.

NOT
County Clerk and Recorder

By [Signature] Deputy

T. 28 N. R. 22 W. 4

File No.

JUN 6 1966

County Blaine

DUPLICATE

Billie _____ McDermott _____ STATE OF MONTANA
 Butzerin _____ McNulty _____ ADMINISTRATOR OF GROUNDWATER CODE
 Coyle _____ Morton _____ OFFICE OF STATE ENGINEER
 Darlington _____ Sullivan _____

Top of Ground

(Elev. above sea level) 980

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

2 ft Top soil

boulder + clay

15' Cobbles

52' seepage

Cobbles

120' rock

clay
gravel
boulders

185'

water
bearing
formationOwner Wallis Holst Address 717Driller Homer McClarty Address 945-8th St. N. Helena

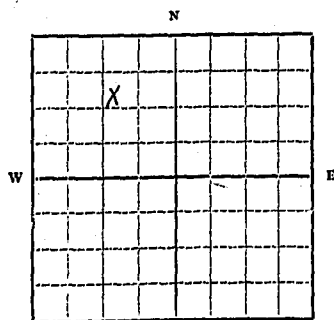
Date of Notice of Appropriation of Groundwater

Date well started Apr. 11, 1966 Date Completed May 19/66Type of well Drilled Equipment Used 2 1/2" Buryer
(dug, driven, bored or (Churn, drill, rotary or
drilled) other) 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" O.D.	23#		120 ft			
5"	14#		94'	5"	175'	195'



NE 1/4 NW 1/4 Sec. 4 T. 28. R. 22

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

200 ft

Show exact depth of bottom.

Static Water Level for non-flowing Well 95 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 195 feet at 8 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer Length of Test 4 hrs

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

acres irrigated, if used for irrigation)

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

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

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

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

41116

12-223

STATE OF MONTANA
COUNTY OF FLATHEAD

Filed on the 31 day of May
A.D. 1966 at 11:55 o'clock A.M.

County Clerk and Recorder

By [Signature] Deputy

12-223

2 10 11 2 4

12-223

12-223

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12-223

File No.

GW 4

T 28 N 22 W 4

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

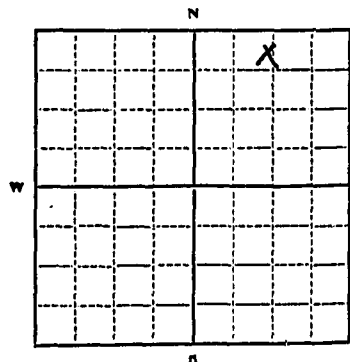
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Roger H. Thompson of Box 3 Halibut 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:



NW 1/4 Sec. 4 T. 28 N. R. 22
Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based Domestic
irrigate lawn & garden

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been 1925 continuous

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater 1925

8. The depth of water table not available

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater 6.5'

10. The estimated amount of groundwater withdrawn each year 400,000 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 not available

Signature of Owner Roger H. Thompson
Date 12/27/63

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

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

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

22468

10, 288

STATE OF MONTANA)
COUNTY OF FLATHEAD) SS

Filed on the 27 day of Dec
A.D. 1963 at 2:03 Clock P.M.

DE H
County Clerk and Recorder

By JAP Deputy

File No. _____

OWT

T. 28 N 22 W 4
R
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice (App. #2715)
returned marked
Authorized time
for forwarding
has expired

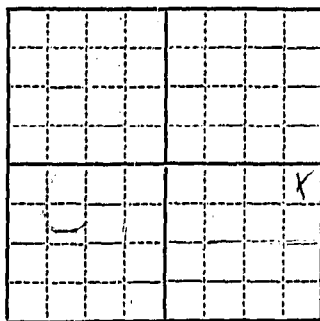
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1964

STATE ENGINEER

1. Inga A. Ryge, of 1306 3rd St. Whitefish, Montana
(Name of Appropriator) (Address) (Town)
County of Flathead State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Northeast Quarter of Southeast Quarter

1/4 Sec. 4 T. 28 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.....Homehold, gardening and feeding stock.....
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....Approximately 1940.....
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....50 gallons per minute
.....or 5,000,000 gallons annually.....
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.....Just for gardening.....
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....One well with electric pump.....
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....Unknown, but well has been there at least 20 years.....
8. The depth of water table.....200 feet, I think.....
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.....200 feet.....
10. The estimated amount of groundwater withdrawn each year.....500,000 gallons.....
11. The log of formations encountered in the drilling of each well if available.....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.....Unknown.....

Signature of Owner.....Inga A. Ryge.....

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.

22618

10438

STATE OF MONTANA) SS
COUNTY OF FLATHEAD)
Filed on the 30 day of Dec
A. D. 1963 at 1:20 Clock P. M.
J. E. Mullhouse
County Clerk and Recorder
By J. J. H.
Deputy

File No. _____

GW 4

T. 28 R. 22 4County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

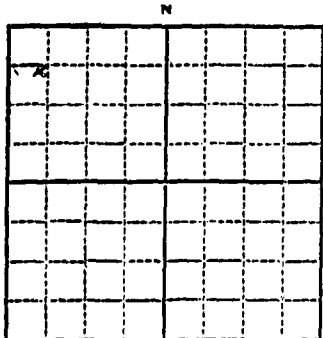
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. James F. Urban 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:



W $\frac{1}{2}$ SW $\frac{1}{4}$ NW $\frac{1}{4}$ Sec. 4 T. 28 R. 22

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

2. The beneficial use on which the claim is based Household
stock & garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Fall of 1952

4. The amount of groundwater claimed (in mixer's inches or gallons per minute) 10 gpm. 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
Only for our own garden

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Feb. to April 1952

8. The depth of water table 280 ft. working level

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Drilled well, 4 inch casing, 30.4 ft. deep

10. The estimated amount of groundwater withdrawn each year It varies with a wet or dry yr.

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

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 James F. Urban

Date 12-27-63

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

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

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

22450

10, 270

STATE OF MONTANA / SS
COUNTY OF FLAHEAD

Filed on the 27 day of Dec

A. D. 1963 at 1:00 o'clock P. M.

Ken

County Clerk and Recorder

By *[Signature]* Deputy

File No. _____

GW 4

T. 23 N. R. 22 W. 4
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

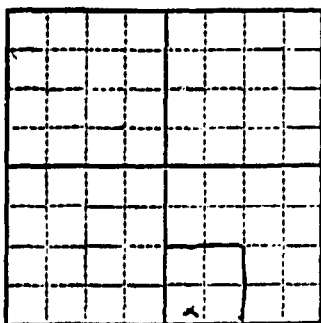
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Jacob D. Wickham & Ellis F. Wickham, of Route 3, Kellispell
(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.W. 1/4 Sec. 4 T. 23 N. 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.....
House, garden, and stock

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been..... August 15, 1950

4. The amount of groundwater claimed (in miner's inches or gallons
per minute)..... 45 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
House, garden, and stock on Sec. 4 of
S.W. 1/4 T. 23 N. R. 22 W.

6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal.....
1 1/2 horse power pressure pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater..... August 1, 1950 - August 15, 1950

8. The depth of water table..... 10 Feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater..... Depth 10 ft. - size of casing 3 ft.

10. The estimated amount of groundwater withdrawn each year..... 150,000 gal.

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

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

Date Dec. 26, 1963

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

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

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

14573

10, 193

COUNTY OF PEABODY, MS

Filed on the 26 day of Dec
A. D. 1933 at 10:00 o'clock AM

By *Geo. M.* County Clerk and Recorder

Deputy

**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 Ted R. Clarke & Ida M. Clarke
Address 502 Mountain View
Kalispell, Montana

Date well started 7/2/72
completed 8/3/72

Type of well Drilled

Equipment used Air Rotary

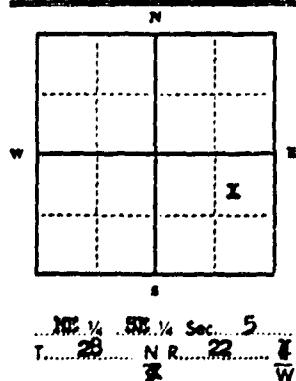
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 10,512,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
8"	8 5/8" OD x 1/2"	+2'	119'	NONE



Static water level 149 ft.*
Pumping water level 267 ft.*
at 20 gallons per minute,
measured 60 minutes after pumping
began.
*Measured from ground level.
Well developed by Air Lift Pump
for 4 hours.
Power: Diesel Pump 150 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) Eight
inch casing was tightly sealed
into rock at 119 feet and
annulus around casing from
119 feet back to surface was
grouted

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

Driller's Signature Liberty Drilling Co.
Driller's Address Route 2

Kalispell, Montana LICENSE NO. 52

JBH-22W
County Flathead

DRILLER'S LOG

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

From (Feet)	To (Feet)	Top of Ground Approx. (Elev. above sea level)
0	1	Topsoil
1	69	Hard rock and boulders
69	118	Hard rock & gravel mixed in top silty clay. Base of silty water at 69 feet and 117 feet.
118	139	Gray rock
139	147	Green rock
147	230	Gray rock. Base of water below 188 feet.
230	301	Green rock. Base of water
301	316	Gray rock. Base of water
316	435	Gray-green rock. Water 4 GPM at 322 feet. 6 GPM at 337 feet. 10 GPM at 418 feet. 20 GPM total at 435 feet.

435 Show exact depth of bottom
Water rises in well 149 feet from
surface.

51,418

filled with puddled clay to seal casing and prevent contaminants from seeping into well. 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 80 to 90 percent of the tested capacity of the aquifer.

14515
STATE OF MONTANA } ss
COUNTY OF HILL
Filed on the 13 day of Sept
A.D. 1972 at 10 o'clock P.M.
JPM
County Clerk and Recorder
By _____ Deputy

N 3

File No.

T. 28 N R 22 S

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Used by present owner since 1928.

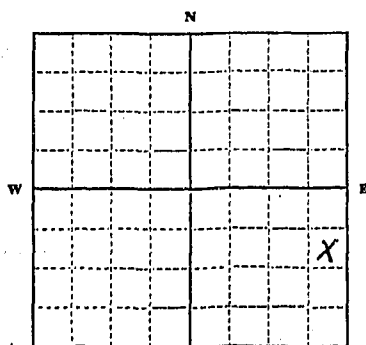
Owner: Alice Thibert Address R. 3, Kalispell, Mont.

Contractor (if any)

Address of Contractor

Date Started Date Completed

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



NE 1/4
Sec 5 28 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

Water hole from springs for watering stock, quantity unknown. Used approximately 6 months each year.

Signature of Owner Alice Thibert

Date Dec. 30th, 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 Quadruplicate for the Appropriator.

22764

10 586

STATE OF MONTANA, SS
COUNTY OF FLAHERTY,

Filed on the 30 day of Dec
A.D. 1963 at 3:58 o'clock P.M.

County Clerk and Recorder

By *[Signature]*
Deputy

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

Owner Mr. J. L. Triplett
Address Coos Bay, Oregon
Location T. 28 N. R. 22 W. Sec. 7
Doc. No. 14597

Slathead

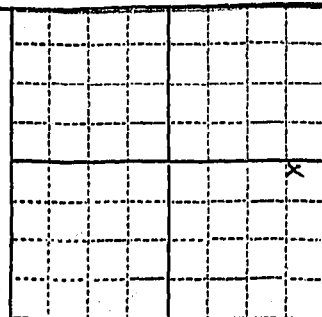
As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please provide, as indicated in red ~~the~~ on the attached form, the date the spring develop was started and completed; the means or method used to develop the spring; and the amount of water claimed for use.

Thank you.

NOTE: Please refer to the enclosed sheet, which discusses developed & undeveloped springs in Montana. Sent on 2/2/73 52,223



subirrigation and other natural processes. Include depth to water when applicable.

Flowing Spring

Level with ground

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.

1/4 Sec. 7 T. 28 N. R. 22 W. Indicate point of appropriation and place of use, if possible.

PART OF N 1/4 & NE 1/4
S.E. 1/4

T. 5 A.

Flood Irrigation

again, record

Signature of Owner

J. L. Triplett

Date *June 29, 1966*

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

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

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

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

Doc. No. 14597
Filed for record
this 15th day of January
A. D. 1973, at 9:15
o'clock A.M.

52,223

RECEIVED

JAN 16 1973

GW 3

File No.

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

T

County

28, 22
Beaumont

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner

Address

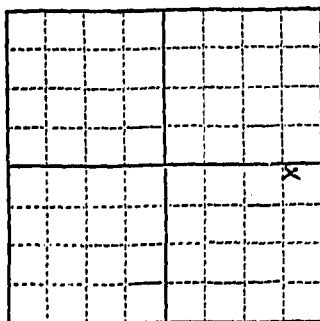
Contractor (if any)

Address of Contractor

Date Started

Date Completed

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



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

estimate approximate lengths of periods of use.

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

PART OF NW 1/4 & NE 1/4
S.E. 1/4
T-5A.

Flood Irrigation

Signature of Owner

Date

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

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

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

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

Doc. No. 14597

Filed for record

this 15th day of January

A. D. 1972, at 9:15

o'clock A.M.

52,223

14,597

STATE OF MONTANA } ss
COUNTY OF FLATHEAD }

Filed on the 15 day of June
A. D. 1922 at 9:15 o'clock A. M

mt
County Clerk and Recorder

By DDA Deputy

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

Owner Mr. J. L. Tripleth
Address Coos Bay, Oregon
Location T. 28N R. 22W Sec. 7
Doc. No. 14597

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions: Please provide, as indicated in red on the attached form, the dates the spring development was started and completed; the means or method used to develop the spring; and the amount of water claimed for use.

Thank you.

NOTE: Please refer to the enclosed sheet, which discusses developed & undeveloped springs in Montana.

Appropriation in Montana for use in mining or other purposes requires the appropriation of supplies in Montana for use in mining or other purposes. Most often an attorney prepares the appropriation right. In a form in accordance with Section 89-810 R.C.M. 1947, which sets forth the procedure for appropriating surface waters. (Section 89-811 R.C.M. 1947, which deals with diligence in appropriating should also be considered when appropriating surface waters.)

3.) Brief Summary:

If a natural flowing spring is developed by some means at its point of extrusion to increase its flow, it is classified as groundwater. If a natural flowing spring is not developed, as noted above, it is classified as surface water. Each source - surface or groundwater - is regulated to some extent by different laws. For example water laws - forms and appropriation procedures, etc. - are different for surface water and groundwater filings.

Signature of Owner J. L. Tripleth

Date June 29, 1966

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

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

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

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

Doc. No. 14597

Filed 15th January
73 9:15
A.

52222

DEVELOPED AND UNDEVELOPED SPRINGS

As They Relate To The

1961 GROUNDWATER CODE (Section 89-2913 R.C.M. 1947)

SURFACE WATER LAWS (Section 89-801 and 89-810 R.C.M. 1947)

1.) Question: When does a natural flowing spring cease to be classified as surface water?

Answer: As a general rule of thumb, if the flow of a natural flowing spring is increased by some development at its point of extrusion from the ground, it is classified as groundwater. If the spring is developed and the development is completed and put to a beneficial use, the groundwater right should be filed on a GW-3, Notice of Completion of Groundwater Appropriation Without Well as provided for in Section 89-2913 R.C.M. 1947 of the 1961 Groundwater Code.

2.) Question: How is an undeveloped spring classified and what procedure should be followed to file a right of this type?

Answer: If a spring is undeveloped, it is classified as surface water. Waters of undeveloped springs are subject to appropriation under the surface water laws, Section 89-801 and 89-810 R.C.M. 1947. A form titled Notice of Appropriation is presently available at most large office supplies in Montana for use in filing on a surface water right. Most often an attorney prepares the appropriation in a form in accordance with Section 89-810 R.C.M. 1947, which sets forth the procedure for appropriating surface waters. (Section 89-811 R.C.M. 1947, which deals with diligence in appropriating should also be considered when appropriating surface waters.)

3.) Brief Summary: If a natural flowing spring is developed by some means at its point of extrusion to increase its flow, it is classified as groundwater. If a natural flowing spring is not developed, as noted above, it is classified as surface water. Each source - surface or groundwater - is regulated to some extent by different laws. For example water laws - forms and appropriation procedures, etc. - are different for surface water and groundwater filings.

S.E. 44
T-5A
Signature of Owner J. L. Rye

Date June 29, 1966

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

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

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

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

File No. 14597

15th January
73 9:15
A

Montana Department of Natural Resources and Conservation

T 28 R 22
County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

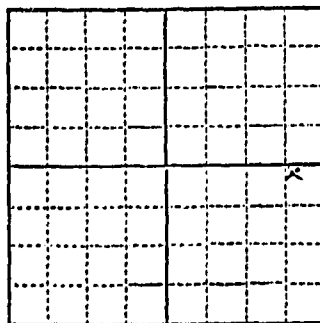
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater April 1944
Owner J. L. Riplett Address Peas Bay, Ore
Contractor (if any) _____

? Address of Contractor _____ ?

Date Started _____ Date Completed _____



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

Flowing Spring
How developed?
Level with ground

(If not developed, refer to the attached
sheet)

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

Indicate point of appropriation
and place of use, if possible.
1/4 Sec. 7 T. 28 N. 22 W. estimate approximate lengths of periods of use.
Use? Flood Irrigation

PART OF N 1/4 & NE 1/4
S.E. 1/4

T. 5 A.

Signature of Owner J. L. Riplett
Date June 29, 1966

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.

14597
15th January
73 9:15
A.

150000

GW3

File No. _____

ORIGINAL

T. 28N R. 22 West H.M.

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 28, 1953

Owner Fredrick E. Vergis Address Route 2, Kalispell

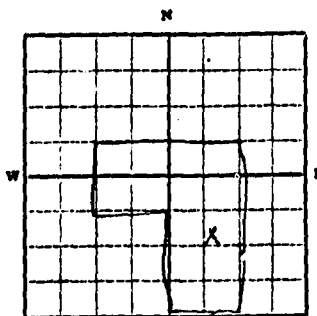
Contractor (if any) none

Address of Contractor _____

Date Started does not Date Completed apply

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

3 ft. deep



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 _____

continuous flow

1 gallon per minute, estimated by measure.

Indicate point of appropriation and place of use, if possible.
N.W. 1/4 Sec. 7 T. 28 N. R. 22 W.

Signature of Owner Fredrick E. Vergis

Date Dec. 16, 1963

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

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

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

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

10,063

STATE OF MONTANA
COUNTY OF MAGNIFIED

Filed on the 15 day of Jul
A.D. 1923 at 4:55 o'clock P M

267

County Clerk and Recorder

By QST

Deputy

GW 3

File No. _____

RECEIVED
MAY 3 1963

T. 28 R. 22
County Bozeman

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 Dec. 1962

Owner Donald Berglund Address Rt 2 Kalispell

Contractor (if any) none

Address of Contractor _____

Date Started _____ Date Completed _____

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

pipes from spring

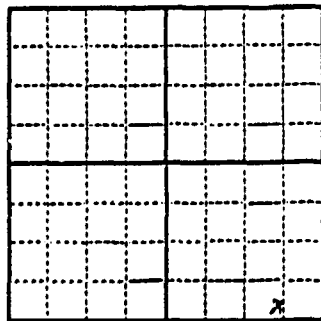
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.

2 flowing springs
domestic use

SE 1/4 Sec. 8 T. 28 R. 22

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



Signature of Owner Erlyn M. Berglund

Date March 22, 1968

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 Quaduplicate for the Appropriator.

RECEIVED
MAY 3 1963
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

44,106

13312

STATE OF MONTANA }
COUNTY OF FLATHEAD } SS

Filed on the 22 day of Nov
A.D. 1968 at 10:45 o'clock A.M

Ben
County Clerk and Recorder

By [Signature]

RECEIVED

28N-22W 9
County Flathead

FEB 22 1972

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

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 Richard Dassen

Address Two Mile Drive

Kalispell, Montana

Date well started 7/5/71

completed 7/6/71

Type of well Drilled

Equipment used Air Rotary

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒

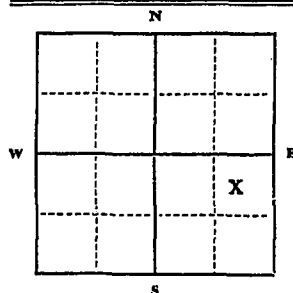
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 15,768,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
10"	6 5/8" OD by 3/4"	0	19'	NONE		



NE 1/4 SW 1/4 Sec. 9

T. 28 N. R. 22 E.

X5X

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

LIBERTY DRILLING COMPANY

Driller's Signature

Driller's Address 2500 Reserve

Missoula, Montana

LICENSE NO. 52

DRILLER'S LOG

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

Top of Ground Approx. Elev. above sea level 3210'

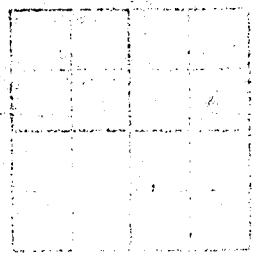
From (Feet)	To (Feet)	
0	1	Topsoil
1	4	Tan clay and pink boulder
4	10	Green rock
10	25	Tan and gray rock
25	59	Tan and light gray rock
59	76	Gray rock
76	102	Green rock
102	103	Soft gray rock
103	128	Gray rock
128	133	Broken gray rock
133	194	Gray rock
194	197	Broken gray rock
197	206	Gray rock
206	210	Green rock

210' Show exact depth of bottom
Water rises in well 58' from surface.

49,904

(Con't) with 5 sacks of cement. All water entering well from cracks and seams in the rock below 133 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 50 to 60 percent of the tested capacity of the aquifer.



STATE OF MONTANA)
COUNTY OF FAYETTE) SS
Filed on the 18 day of July
1918 at 11:00 Clock A.M.
By M. J. [Signature]
County Clerk and Recorder
Deputy

14,382

GW 2

Doc. No. 14120

Filed for record

this 9 day of MarchA. D. 1970, at 12:05o'clock P. M.

Approved Stock Form—State Publishing Co., Helena, Montana—41329

T 28N R 22W

TRIPLICATE

County Flathead

LOG

Top of Ground

Approx.

(Elev. above sea level 3200 ft.)

Formations Log:

- 0 - 1 Topsoil.
 1 - 75 Cobbles and boulders mixed in tan clay.
 75 - 85 Gravel imbedded in clay.
 85 - 91 Fine sand and gravel.
 91 - 119 Clean coarse sand and gravel.
 Water.

 STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

 Notice of Completion of Groundwater
 Appropriation by Means of Well

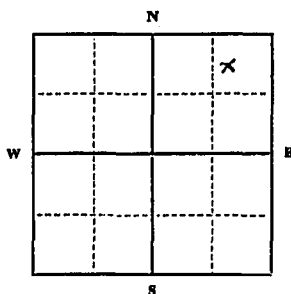
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner L. D. Wickham Address Kalispell, MontanaDriller Liberty Drilling Co. Address Missoula, MontanaDate of Notice of appropriation of groundwater None filed.Date well started 1/14/70 Date completed 1/21/70Type 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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" x 1/4"	+2	119	Mills knife	101	119



Water rises in well
 40 feet from surface.

Static Water Level for non-flowing well 40 feet.Shut-in Pressure for Flowing Well None.Pumping Water Level 84 feet at 75 gal. per minute.Discharge in gal. per min. of flowing well Non-flowingHow Tested Air Lift PumpLength of Test 2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well is coming through perforations in six inch casing. Wells in this area can be depended upon to produce clear sand free

NE 1/4 Sec. 9 T28N R22W
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

water year after year as long as (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 well 119 ft.

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

46311

MONTANA WATER RESOURCES BOARD
RECEIVED

APR 7 1970

they are not overpumped, i.e., they should be pumped at rates not in excess of 50 percent of the tested capacity of the aquifer.

14/20

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }
Filed on the 9 day of Mar
A.D. 1970 at 2:20 o'clock P.M.
County Clerk and Recorder
By _____ Deputy

GW3

File No.

ORIGINAL

28N 22W 10
RECEIVED
DEC 30 1963

T. R.
STATE ENGINEER
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

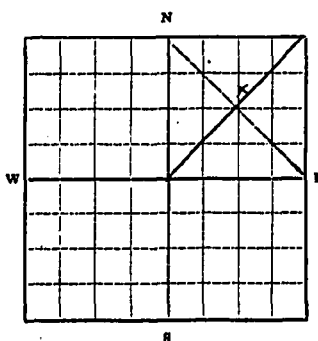
Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 14 Dec. 1963
Owner Orly J. Armstrong and
Eva K. Armstrong Address 720 Main, Kalispell,
Montana
Contractor (if any) None
Address of Contractor

Date Started Oct. 1883 Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Cleaning out and development of springs, and impounding water by dam.



NE 1/4 Sec. 10 T. 28N. 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

120 miner's inches, or 1350 gallons per minute. Sufficient to irrigate the land.

Signature of Owner Orly J. Armstrong

Date Dec. 14, 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.

10035

STATE OF MONTANA) SS
COUNTY OF FLATHEAD

Filed on the 17 day of Dec
A.D. 1963 at 4:15 o'clock P.M.

Lbm
County Clerk and Recorder
By J.H. Deputy

File No.

GW 4

T. 28 N R. 22 W 10

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

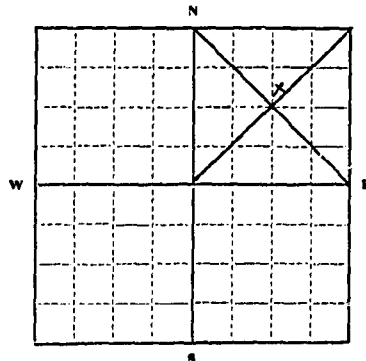
Declaration of Vested Groundwater Rights **RECEIVED**
DEC 30 1963

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Ory J. and Eva K. Armstrong of 720 Main, Kalispell
(Name of Appropriator) (Address) (Town)

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



N.E. 1/4 Sec. 10 T. 28 N 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,
livestock and irrigation.
3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been October, 1883, and con-
tinuous use thereafter.
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 120 miner's inches, or 1350 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
160 acres on and adjacent to the N. E. Quarter
of Section 10, Township 28 North, Range 22 West,
M.P.M.
6. The means of withdrawing such water from the ground and the
location of each well or other means of withdrawal cleaning out and development of springs on
said land, and impounding the water by dam,
also well and windmill.
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater beginning in October, 1883, and continuing thereafter.
8. The depth of water table unknown - see 9.
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 digging and dredging at places where springs
coze out of ground on owners' land.
10. The estimated amount of groundwater withdrawn each year sufficient to irrigate said land.
11. The log of formations encountered in the drilling of each well if available none.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record original water appropriation filed by
predecessors, Philip W. Smith and John Asher, 10/13/1883, Book 36 p. 483,
Missoula County. Subsequent appropriation filed by owner, Book 427, p. 381,
Records of Flathead County.

Signature of Owner Eva K. Armstrong

Date Dec. 14, 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.

14424

10036

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }

Filed on the 17 day of Dec
A.D. 1963 at 1:12 o'clock P.M.

JBH
County Clerk and Recorder

By JW
Deputy

5

File No. _____

T. 28N R. 22W

DUPLICATE

County Flathead

LOG

DEC 18 1968

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Emmett Ostroot & Laura D. Ostroot Address Kalispell, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

Date well started 9/30/68 Date completed 10/1/68

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

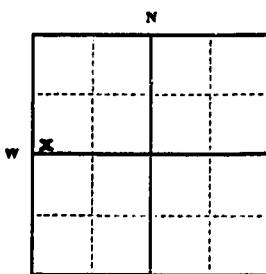
Approx. (Elev. above sea level) 3250

Formations Log:

- 0 - 1 Black dirt.
1 - 20 Tan clay & cobblestones.
20 - 68 Gray rock.
68 - 130 Gray rock with tan & brown rock in alternate layers.
Seeps of water.
130 - 150 Gray, purple, tan & brown rock in alternate layers. 8 GPM
150 - 202 Gray & tan rock.
Total 25 GPM

Water rises in the well
38 feet from surface.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind and Size	From (Feet)	To (Feet)
6"	6 5/8" OD x 1/4"	+2	40	4 9/16" liner 1/4 x 2" slots torch cut	125	182



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

Shut-in Pressure for Flowing Well non-f.
Pumping Water Level 120 feet
at 25 gal. per minute.

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

How Tested Air Lift Pump
Length of Test Two hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well is coming through perforations in four inch liner. 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 60 percent of tested capacity of aquifer.

SW 1/4 NW Sec. 10 T. 28N R. 22W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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).

Tract 488

Show exact depth of bottom.

Bottom of hole 202'

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

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

Driller's License Number 52

Driller's Signature William F. Dalme

44,862

13,910

STATE OF MONTANA
COUNTY OF FLATHEAD SS
Filed on the 20 day of Oct
A.D. 1968 at 4:46 o'clock P.M.
Gem
County Clerk and Recorder
By [Signature] Deputy

File No. _____

OW 4

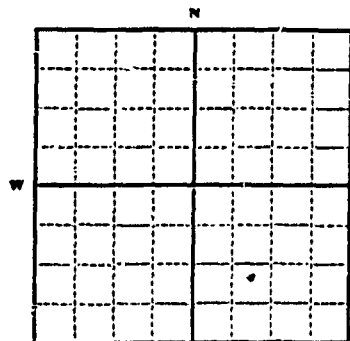
T 21N R 22W 10
County _____STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Law, 1961)

STATE ENGINEER

Edward J. Rogers Jr. of Paula S. Halsey
(Name of Appropriator) (Address) (Town)
County of Richmond State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 10, T. 21 N. R. 22 E.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been November 1948 - continuous use since that date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 600 gallons

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Artificial pump, located on the corner of the SE 1/4

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater November 1948

8. The depth of water table 147 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well, 147 deep - 6 inch well casing

10. The estimated amount of groundwater withdrawn each year 30,000 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 more available

Signature of Owner Edward J. Rogers Jr.

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.

22471

10,291

STATE OF MONTANA)
COUNTY OF FLATHEAD) SS
Filed on the 27 day of Dec
A.D. 1942 at 9 o'clock P.M.
J.E.M.
County Clerk and Recorder
By [Signature] Deputy

JUL 8 1966

File No. _____

County Flathead

DUPLICATE

2 Ft. Surface loam
- Top of Ground(Elev. above sea level 2975 Ft.)
 RMC _____
 BUREAU _____
 DENVER _____
 RICHMOND _____
 Mc Dermott _____
 McNulty _____
 McNamee _____
 Sullivan _____

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 Joseph E. Bergesleker Address Route #3 Kalispell, Montana
Missell Street
 Driller Gordon S. DeYoung Address Route #1 Kalispell, Montana

Date of Notice of Appropriation of Groundwater _____

Date well started Oct. 19, 1964 Date Completed Oct. 31, 1964
 Type of well Driven Equipment Used Churn
 (dug, driven, bored or drilled) (Churn, drill, rotary or other)

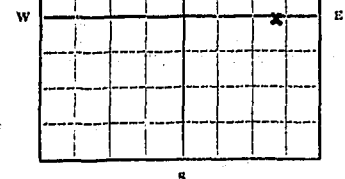
 Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
 Industrial ☐ Drainage ☐ Other ☐

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.

33 Ft. Clay & silt

60 Ft. Gray glacial conglomerate

39 Ft. Brown glacial conglomerate

4 Ft. Sand & gravel
Bottom of well 138 Ft.

NE 1/4 SE Sec. 11 T. 28 N. R. 22 W.

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

Show exact depth of bottom.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	7" - 20#	Surface	Bottom	None		

Static Water Level for non-flowing Well 50 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 70 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Ballor 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) _____

 Driller's License Number 101
Gordon S. DeYoung
 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.

41205

12:230

STATE OF PENNSYLVANIA
COUNTY OF PLATYHEAD, SS
Filed on the 16 day of June
A.D. 1966 at 10:12 o'clock A.M.

By DEM County Clerk and Recorder

By [Signature] Deputy

STATE ARCHIVES - HARRISBURG, PA.

J

File No.

GW 2

T 28 N. R 22 W. 11

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

- Top of Ground - 2 Ft. Surface Loam
(Elev. above sea level 2983 Ft.)

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner **Howard C. and Coralie Bushnell** Address **Route #2 - 2 Mile Drive Kalispell, Montana**
Driller **Gordon S. DeYoung** Address **Route #1 Kalispell, Montana**

Date of Notice of Appropriation of Groundwater

Date well started **July 10, 1964** Date Completed **July 24, 1964**

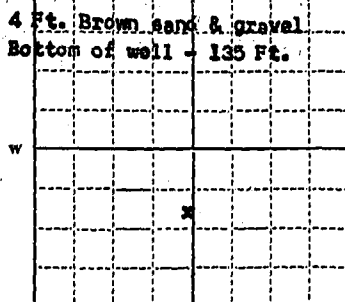
Type of well **Driven** Equipment Used **Churn**
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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

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.

71 Ft. Brown conglomerate

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	7" - 17#	Surface	Bottom	None		



NW SE Sell T8N 28W
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 64 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 80 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested **Bailer** 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)

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.

38914

10578

STATE OF MISSISSIPPI
COUNTY OF FLAVINIA, SS

Filed on the 3 day of Dec.
A.D. 19 64 at 6:25 o'clock P.M.

Jew
County Clerk and Recorder

By JP
Deputy

File No. _____

GW 1

T 28 N R 22 W

County Flathead

**STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER**

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Ralph & John ColburnAddress Kalspell, Mont.Driller Olsen & JustinAddress Columbia Falls, Mont.Date of Notice of Appropriation of Groundwater Nov 15, 67Date well started Nov 15, 67Date Completed Nov 17, 67Type of well Drilled

(dug, driven, bored or drilled)

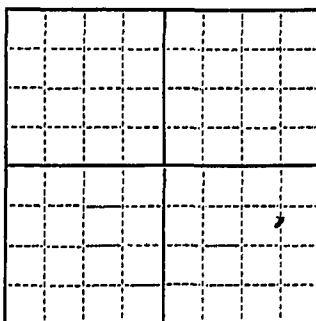
Equipment Used Churn

(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)
6 3/8	7" O.D. 23 lbs per ft	0	179	none		



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 60 feet.Shut-in Pressure for Flowing Well non-flowingPumping Water Level 72 feet at 10 gal per minute.Discharge in gal. per min. of flowing well non-flowingHow Tested Bailer Length of Test 1 hr.

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

Driller's License Number 7155Driller's Signature R. Olsen & 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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

45,129

13 972

STATE OF MONTANA }
COUNTY OF FLATHEAD } SS
Filed on the 25 day of May
A.D. 1969 at 11:30 Clock
County Clerk and Recorder
By

File No.

GW 2

T. 28 N R. 22

County BlaineSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEERRECEIVED
JUN 9 1965

Top of Ground

(Elev. above sea level 2980)Notice of Completion of Groundwater
Appropriation by Means of Well ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Owner Joyce M. Erickson Address 1328-34 Ave. EDriller Homer M. Clardy Address 945-80 Ave. 2

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

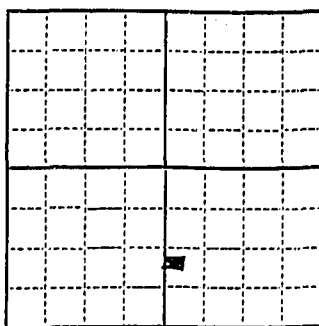
Date well started May 13/65 Date Completed May 27/65Type of well Drilled Equipment Used 2 1/4" Bumpus
(dug, driven, bored or (Churn, drill, rotary or
drilled) other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Stock ☐

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.

Top soil
1 1/2 ft
Boulders
Clay
Cobble
180 ft
Water bearing
sand
190'
Coarse sand
&
gravel

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7" O.D.	2 3/4"		192 ft			

Water



S. 1/4 Sec. 11, T. 28, R. 22

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

192 ft
Show exact depth of bottom.Static Water Level for non-flowing Well 45 feet.

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

Pumping Water Level 40 feet at 13 1/3 gal. per minute.

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

How Tested Bailer Length of Test 4 hrs

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

Driller's License Number 18Driller's Signature Homer M. Clardy

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.

39191

11828

STATE OF MONTANA
COUNTY OF FLATHEAD 88

Filed on the 25 day of May

A. D. 1965 at 2:37 o'clock P. M.

[Signature]
County Clerk and Recorder

By *[Signature]* Deputy

RECEIVED

T. 28N R. 22W

F. No.

NOV 9 1967

County Flathead

TRIPPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 2950)Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

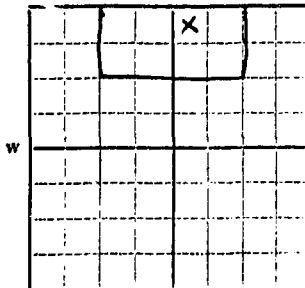
Owner Forest Harris Address Rt 3 KalispellDriller Homer F. McClary Address 975 8th St. Kalispell

Date of Notice of Appropriation of Groundwater

Date well started Sept 26, 1967 Date Completed Oct 4, 1967Type of well Drilled Equipment Used 2 1/2" W.B. Ryan
(dug, driven, bored or (Churn, drill, rotary or
drilled) other) DrillWater 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.

1 ft Top Soil
Clay
4 ft
Silty sand
53 ft
Coarse sand
Silt + water
70 ft Clay
gravel + coarse
148 ft
Clay silt + gravel
169 ft
Clay silt sand
gravel water 7" OK
205 ft
Coarse sand
& gravel Water



T4 N24 NW1/4 NW1/4 NW1/4 NW1/4

..... 1/4 Sec. 11 T28 R22

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

215 ft
Show exact depth of bottom.Static Water Level for non-flowing Well 55 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 120 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer, pump length of Test 4 hrs

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

acres irrigated, if used for irrigation)

Driller's License Number 18Driller's Signature Homer F. McClary

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.

42,494

13,024

County Clerk and Recorder
Filed on the 16 day of Oct
1967 at 3:50 o'clock P. M.
587
By m. J.

GW2

File No. _____

DUPLICATE

RECEIVED

T. 26 N., R. 22 W.

County FlatheadSTATE ENGINEER 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 Mrs. Fern Faulkner Address Kalispell, MontanaDriller Gordon S. DeYoung Address Kalispell, Montana

Date of Notice of Appropriation of Groundwater _____

Date well started Apr. 1, 1962 Date Completed Apr. 20, 1962Type 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.

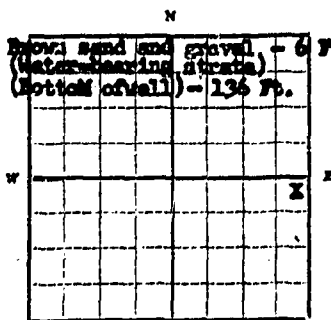
Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Size (Inches)	From (Feet)	To (Feet)
7" O. D.	7" O. D.	0'	136'	None		

Top of Ground
Surface 1000 - 2 Ft.
(Elev. above sea level 2960)

- Sand - 63 Ft.

- Height to which water rises in well

- Clay - 41 Ft.

- Cemented gravel - 26 Ft.
(Clay & rocks)- Brown sand and gravel (water-bearing strata) - 6 Ft.
(Bottom of well) - 136 Ft.

NE 1/4 Sec. 11 T. 26 N. R. 22 W.

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

Show exact depth of bottom.

Static Water Level for non-flowing Well 45 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 90 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailed & pumped Length of Test 6 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) _____

101

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.

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