

F. No. \_\_\_\_\_

GW 4

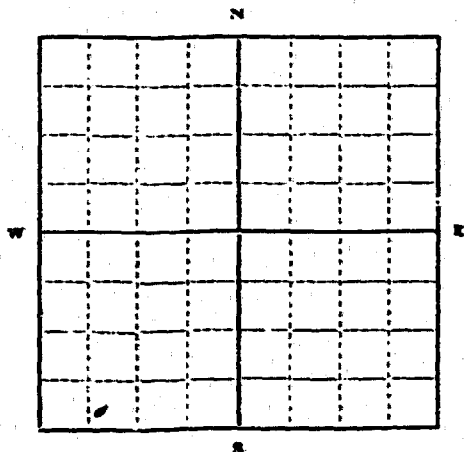
County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

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

1. Francis W. West of Rte 1 B Columbia Falls  
(Name of Appropriator) (Address) (Town)  
County of Flathead State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 10 T20 R21

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

2. The beneficial use on which the claim is based Household garden, lawn and stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948 and continuously
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gals. 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 1/4 acre garden
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal shallow well pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1947 - 1948
8. The depth of water table 10 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater dug well - 3 ft round curbing & 15 ft deep
10. The estimated amount of groundwater withdrawn each year 50,000 gals per year
11. The log of formations encountered in the drilling of each well if available non 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 non applicable

Signature of Owner Francis W. West  
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.

10,066

STATE OF MONTANA 33  
COUNTY OF FLAHERTY

Filed on the 19 day of Dec  
A.D. 1963 at 8:30 Clock A.M.

LE m

County Clerk and Recorder

By J. W. H.

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 Paul Donlon

Address Box 40

Oil Falls, Mont.

Date well started 10-7-70

completed 10-18-70

For Administrator's Use

File 14,731

Sum 25,1973

GW 1 3:37 P.M.

Type of well Drilled

(Dig, driven, bored or drilled)

Equipment used Crane

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

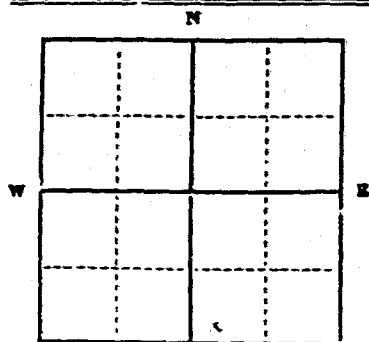
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 150,000 gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7" O.D.	7" O.D. 20 lb./ft.	0'	201'	Open Bottom		



S.W. 1/4 S.E. 1/4 Sec. 11

T. 36 N. R. 21 W. E. 3 W

Static water level 60 ft.\*  
Pumping water level 100 ft.\*  
at 25 gallons per minute,  
measured 60 minutes after pumping  
began.

\*Measured from ground level.

Well developed by 2 1/2 hours.

Power 1 Pump 1 HP

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

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

Driller's Signature [Signature]

Driller's Address [Address]

LICENSE NO. 111

County Richmond

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) 3,100'

From (Feet)	To (Feet)	
0	10	Clay
10	50	Loose sand
50	100	Gray clay shale
100	201	Gray clay shale
		also - sand and gravel
		at 100 ft.
		above casing, 4" out of water
		1 to 2 ft. in water

Show exact depth of bottom

54146

17,731

STATE OF MONTANA  
COUNTY OF FLAHEAD  
Filed on the 15 day of June  
A.D. 1973 at 3:37 o'clock PM  
my  
By [Signature] Clerk and Recorder  
Deputy



9867

STATE OF MONTANA SS  
COUNTY OF FLATHEAD  
Filed on the 20 day of Sept  
A.D. 1963 at 8:30 o'clock AM  
L.B.M.  
County Clerk and Recorder  
By L.B.M. Deputy

File No. \_\_\_\_\_

GW 4

T 33 N R 21 W

County Flathead

RECEIVED  
DEC 30 1963

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

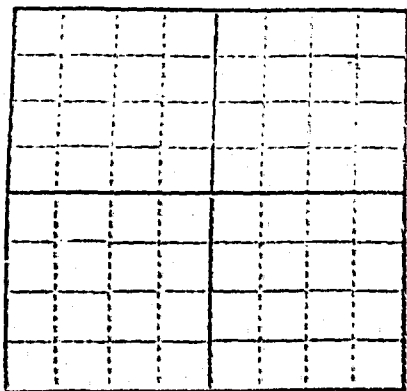
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, William M. Mas of R. 1, B Co. Falls  
(Name of Appropriator) (Address) (Town)

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



NE 1/4 Sec. 11 T 33 N R 21 W

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 13 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 for garden

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 3 1/2 gal. per min. pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater none

8. The depth of water table 24 ft. 6 ft. water

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 24 ft. 6 ft. water 26 in.

10. The estimated amount of groundwater withdrawn each year 144,853 gal.

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 none

Signature of Owner William M. Mas

Date 12/23/63

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.

14524

10, 140

STATE OF NEW YORK  
COUNTY OF FLATHEAD

Filed on the 23 day of Dec  
A.D. 1963 at 1:55 o'clock P.M.

24 M

County Clerk and Recorder

By

*[Signature]*

Deputy



File No. \_\_\_\_\_

GW 4

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 8 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Anna Himmelspate  
1. Anna Himmelspate (Name of Appropriator) of Rte 1-B Columbia Falls (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. 11 T. 30 R. 21

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

2. The beneficial use on which the claim is based House  
and Garden

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been June 1, 1953  
Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 15 g.p.m. per min.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater Date of Commencement - May 24, 1953  
Date of Completion - May 29, 1953

8. The depth of water table 34 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  
Casings - 159 ft. deep

10. The estimated amount of groundwater withdrawn each year 200,000 gallons

11. The log of formations encountered in the drilling of each well if available  
2 ft - 108 ft gray & brown silt  
108 ft - 146 ft gray clay  
146 ft - 158 ft yellow sand - 158 - 159 water  
bearing gravel & sand

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

Anna Himmelspate  
Signature of Owner Anna Himmelspate

Date Dec 30, 1963

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

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

34-755-9287

22682

10 503

CLERK OF SUPERIOR COURT  
COUNTY OF PLATINEAU, SS

Filed on the 30 day of Dec  
A.D. 1963 at 2:54 o'clock P.M.

Glenn E. Melhouser  
County Clerk and Recorder

By Clerk  
Deputy

RECEIVED

County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

**Developed after January 1, 1962**

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

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

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

Owner Ed & Gerald McDonald

Address Rte 1-B

Columbia Falls, Mont. 59912

Date well started May 1966

completed June 4, 1946

Type of well drilled

Equipment used Sparta - churn drill  
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒

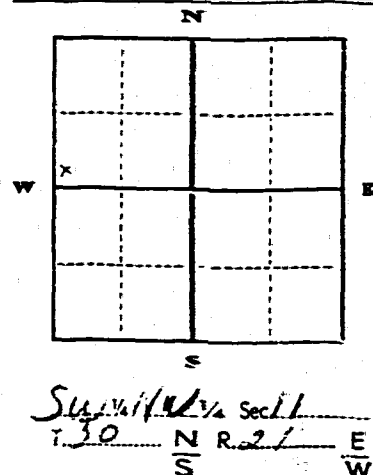
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☒

**\*Describe**

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

## ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Core	Size and Weight of Casting	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	14#	0'	218'			
5"	15#	218'	310'		None	



Static water level \_\_\_\_\_ 80 ft.\*  
Pumping water level \_\_\_\_\_ 110 ft.\*  
at \_\_\_\_\_ 6 <sup>2</sup>/<sub>3</sub> gallons per minute,  
measured \_\_\_\_\_ minutes after pumping  
began.

\*Measured from ground level.  
Well developed by 1.5 hr  
for 4 hours.  
Power 220 Pump 7.5 <sup>3/4</sup> HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff) check

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

Driver's Signature Harvey M. Clark

Driller's Address 945 8th Ave W. Kalamazoo, Mich.

McClarty Bill Drilling LICENSE NO. 18

**DRILLER'S LOG**

indicate the character, color, thickness of strata such as soil, clay, sand, 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)

[illegible]

3101c Show exact depth of bottom

55634

14776

STATE OF MONTANA }  
COUNTY OF FLATHEAD } (SS)  
Filed on the 29 day of June  
A. D. 1923 at 10:30 o'clock AM  
M. F.  
County Clerk and Recorder  
By [Signature]  
Deputy

# RECEIVED

JUL 3 1973

County Flathead

3 GW 2 Revised 1969  
STATE PUBLISHING COMPANY

STATE OF MONTANA MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION  
ADMINISTRATOR OF GROUNDWATER RESOURCES  
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.

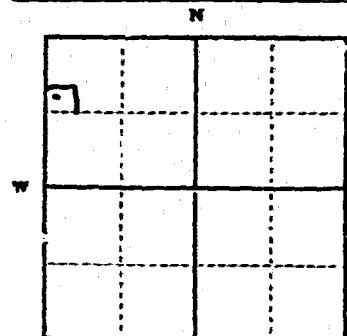
Owner Larry Motickka  
Address Rt 1 E Col. Falls  
Montana  
Date well started May 31-73  
completed June 6-73  
Type of well Drilled  
Equipment used Churn  
Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

For Administrator's Use  
File 14817  
June 23-1973  
GW 1 2:51 p.m.

\*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)
<u>6 3/8"</u>	<u>7" 00 23 lb</u>	<u>0</u>	<u>311</u>	<u>none</u>		



N.W. 1/4 N.W. 1/4 Sec. 11  
T. 30 N. R. 21 E.  
S W

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

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

LICENSE NO. 56

### DRILLER'S LOG

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

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
<u>0</u>	<u>73</u>	<u>Sandy Silt</u>
<u>73</u>	<u>146</u>	<u>Gray Silt</u>
<u>146</u>	<u>156</u>	<u>Silt &amp; Gravel</u>
<u>156</u>	<u>185</u>	<u>Gray hard pease</u>
<u>185</u>	<u>310</u>	<u>Brown clay &amp; gravel</u>
<u>310</u>	<u>311</u>	<u>Water bearing gravel &amp; sand</u>

311 Show exact depth of bottom

55016

14.97

STATE OF MONTANA }  
COUNTY OF DEERHEAD }  
Filed on the 23<sup>rd</sup> day of June  
A.D. 1923 at 10 o'clock P.M.  
\_\_\_\_\_  
County Clerk and Recorder  
By \_\_\_\_\_ Deputy

File No. \_\_\_\_\_

GW 4

T. 21 N R. 21 W

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

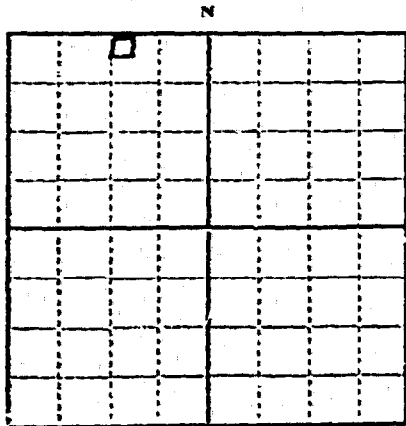
RECEIVED  
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

Roger Matulka & Lois Matulka of Rt 1 Whitish  
(Name of Appropriator) (Address) (Town)

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



NW 1/4 NE 1/4 NW 1/4

1/4 Sec. 11 T. 30 R. 21

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

2. The beneficial use on which the claim is based household  
sprinkling & livestock

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been Sept. 1957

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater Completed Sept 1957

8. The depth of water table 80'

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 15-3' deep 2" casing

10. The estimated amount of groundwater withdrawn each year 954,460 gals

11. The log of formations encountered in the drilling of each well if available no record

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 Roger Matulka

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.

22859

10649

COUNTY OF WASHINGTON  
COUNTY OF WATKINS

Filed on the 31 day of Dec  
A.D. 1913 at 8:22 o'clock A.M.

E. L. H.  
County Clerk and Recorder

By E. L. H. Deputy



File No. \_\_\_\_\_

GW 2

T. \_\_\_\_\_ R. \_\_\_\_\_

County Fleetshead

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

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

(Under Chapter 237, Montana Session Laws, 1961)

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

0 to 146 ft Silt  
146 to 177 ft  
Clay and gravel.  
177 to 178 ft  
Waterbearing  
gravel and  
sand.

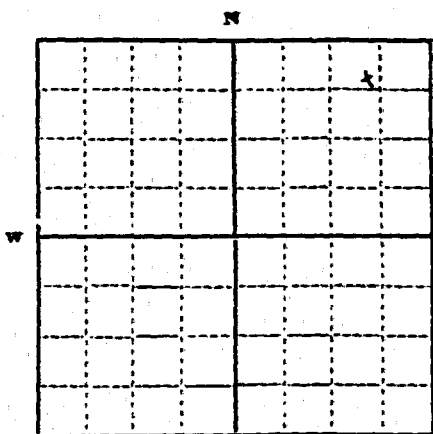
Owner Roland Personette Address Col. Falls R.I.B.Driller Olsen & Justin Address Col. Falls MontDate of Notice of Appropriation of Groundwater None filedDate well started Aug 21 67 Date Completed Aug 24 1967

Type of well Drilled Equipment Used Churn  
(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)
6 3/8	7" OD 23 lbs per ft	0	178	none		



NE 1/4 Sec. 11, T30 R21

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 65 feet.Shut-in Pressure for Flowing Well non-flowingPumping Water Level 120 feet at 15 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)

72055  
Driller's License Number  
George & Justin  
Driller's Signature

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

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

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

43,000

13,093

STATE OF MONTANA  
COUNTY OF FLAINTANT  
Filed on the 15 day of Jan  
A.D. 1922 at 11:30 Clock A.M.  
967  
County Clerk and Recorder  
By M. J.  
Deputy

FFE No.

MONTANA WATER RESOURCES BOARD

GW 2

T. 30N R. 31E

JAN 5 1968

County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

5 to 97 ft clay and silt  
97 to 121 ft sand  
121 to 173 ft  
water bearing  
gravel and sand.

Owner John L. Dwyer Address Rt 1 - B Col Falls

Driller Robert J. Fisher Address Col. Dwyer Road

Date of Notice of Appropriation of Groundwater Nov 11-67

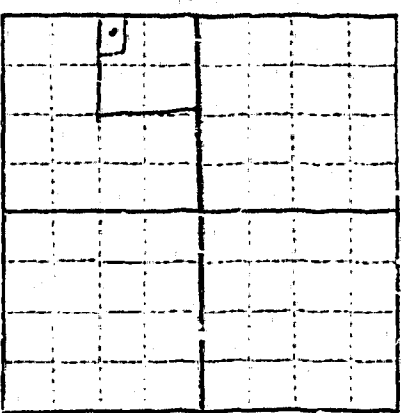
Date well started Nov 11-67 Date Completed Sept 13-68

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/8	7" C.O. 23 lbs per ft	0	123	none		



NE 1/4 Sec. 11 T30 R21  
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 40 feet.

Shut-in Pressure for Flowing Well 7.0 psi flowing

Pumping Water Level 65 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well 7.0 psi flowing

How Tested static 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)

71155  
Driller's License Number  
Robert J. Fisher  
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.

42,737

13,080

STATE OF MONTANA }  
COUNTY OF FLATHEAD } SS

Filed on the 8 day of Jan  
A.D. 1968 at 8.10 O'Clock A.M.

GLM  
County Clerk and Recorder

By WLF  
Deputy

File No. \_\_\_\_\_

GW: \_\_\_\_\_

T. 10 N R. 21 W 11

County \_\_\_\_\_

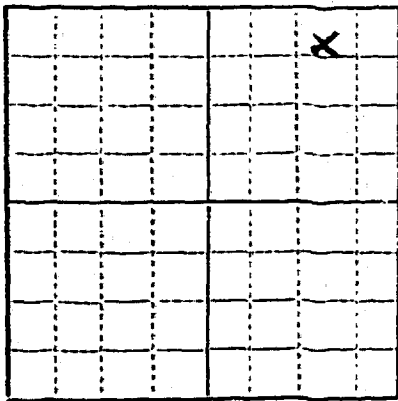
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

RECEIVED  
JAN 8 1964

STATE ENGINEER

1. Raymond A. Bonath of Columbia Falls, R.R. 13  
(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:



1/4 Sec. 11 T. 30 R. 21

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

2. The beneficial use on which the claim is based Human Consumption

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1914 Continuously in service

4. The amount of groundwater claimed (50 miner's inches or gallons per minute) Two to three hundred gallons per day

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 Pressure Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1951

8. The depth of water table 17 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 Cement Curb 3 foot diameter 3 foot high

10. The estimated amount of groundwater withdrawn each year 12 thousand gallons

11. The log of formations encountered in the drilling of each well if available Light sandy soil

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

Signature of Owner Raymond A. Bonath

Date 2-31-63

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

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

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

22975

10804

31 Dec  
63 11:10 Clock  
J. C. M.  
County of the Recorder  
L. L. H.  
S. S. H.

File No. \_\_\_\_\_

GW 4

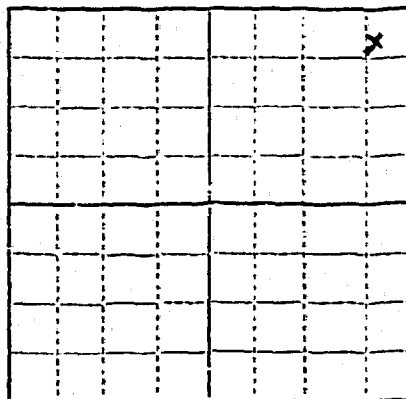
T 30 N 21 W 11  
County \_\_\_\_\_STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERRECEIVED  
JAN 6 1964

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

R J Ronsath of Columbia Falls RR13  
(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:



1/4 Sec 17 T 30 R 21

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

2. The beneficial use on which the claim is based Human Consumption
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1926
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Two to three hundred gallons per day
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 Pressure Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1926
8. The depth of water table 24 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 Square Cement Curbwell 30 inches high 30 inches wide
10. The estimated amount of groundwater withdrawn each year 12 thousand gallons
11. The log of formations encountered in the drilling of each well if available Light sandy soil
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.

Signature of Owner R J RonsathDate 12-31-63

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

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

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

22974

0803

31 Dec

25 1963

S. E. M.

Chief Clerk

S. L. H.

Deputy



File No. \_\_\_\_\_

GW 2

T. \_\_\_\_\_ R. \_\_\_\_\_

County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level \_\_\_\_\_)

0 to 17 ft gravel

17 to 54 ft silt with  
some gravel.

54 to 134 ft silt.

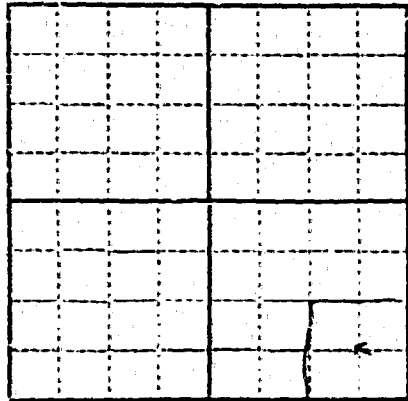
134 to 142 ft gravel  
and clay. Deep water

142 to 144 ft

(Waterbearing gravel  
and sand)Owner Spencer Ryder Address Kalispell, MontDriller Olson & Jester Address Columbia Falls, MontDate of Notice of Appropriation of Groundwater none filedDate well started Dec 12 - 67 Date Completed Dec 15 - 67Type of well Drilled Equipment Used Churn  
(dug, driven, bored or  
drilled) (Churn, drill, rotary or  
other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/8	7" OD 23 lbs per ft	0	144	none		



SE 1/4 Sec 11 T 30 R 21  
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 24 feet.Shut-in Pressure for Flowing Well non-flowingPumping Water Level 52 feet at 20 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)

71155

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.

43,002

13101

STATE OF MONTANA }  
COUNTY OF FLATHEAD }

Filed on the 22 day of Jan  
A.D. 1968 at 5:00 P.M.

SEM  
County Clerk and Recorder

By M. J.  
Deputy

County El Paso

RECEIVED  
SEP 6 1963

(Under Chapter 237, Montana Session Laws, 1961)

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

5749

9851

STATE OF MONTANA ) SS  
COUNTY OF FLATHEAD

Filed on the 30 day of Aug  
A. D. 1913 at 9:30 o'clock PM

587  
County Clerk and Recorder

By m. J.  
Deputy

File No. \_\_\_\_\_

GW 4

T. 30 N 21 W R. 11

County \_\_\_\_\_

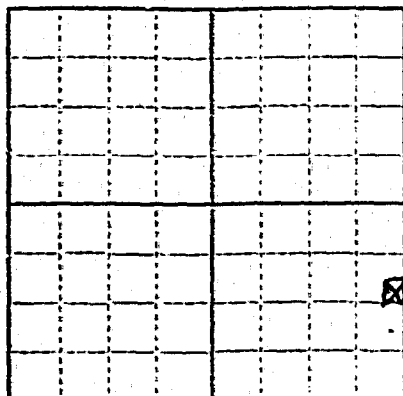
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 8 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Lumpkin, Paul of Platteau, Columbia Falls  
(Name of Appropriator) (Address) (Town)  
County of Flathead State of Mont.  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 11 T. 30 R. 21

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

2. The beneficial use on which the claim is based. Household consumption

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1956 - Steady

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. None

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1953

8. The depth of water table. 4 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. 2 ft drilled

10. The estimated amount of groundwater withdrawn each year. 3,000,000 gpt.

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

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: 2-2-62

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.

11068

136 Dec  
J. J. [unclear]  
[unclear] [unclear]  
[unclear] [unclear]

File No. \_\_\_\_\_

JW 4

T. 30 N R. 21 W 12

County Flathead

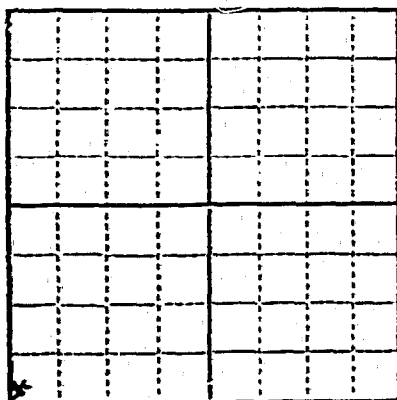
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 6 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Lily C. (Parsons) Brash of Blue Moon Col. Falls  
(Name of Appropriator) (Address) (Town)  
County of Flathead State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S. 1/4 Sec 12 T. 30 R. 21

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

2. The beneficial use on which the claim is based Home and Business use.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945 and continuously.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 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  
1/4 acre lawn  
owner Lily C. (Parsons) Brash
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
automatic pressure system  
S.W. 1/4 SW 1/4 Sec 12 T. 30 R. 21 W. 12.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater approx 1945
8. The depth of water table 22 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.  
30 inch. well curbing depth 22 ft
10. The estimated amount of groundwater withdrawn each year 450,000 gallons
11. The log of formations encountered in the drilling of each well if available straight gravel
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record unknown to me

Signature of Owner

Lily C. (Parsons) Brash  
Date Dec 28 - 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.

22865

10656

CITY OF MONTANA 33  
COUNTY OF FLAHERTY

Filed on the 31 day of dec  
A.D. 1963 at 8<sup>36</sup> o'clock AM

G. P. M.  
County Clerk and Recorder

By L. L. H. Deputy



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

Owner George E. Butz-laff 57912  
Address Rt. 2 Box 258 - Columbia Falls  
Location T. 30 N. R. 21 W. Sec. 12  
Doc. No. 14,429

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

Special Instructions:

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

*Thank you.*

*11/17/72*

35

51,253

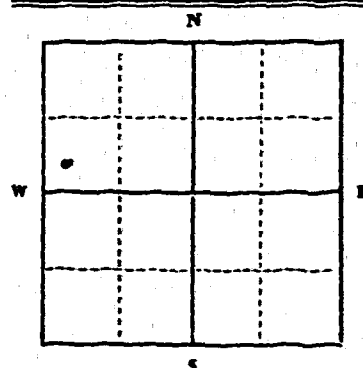
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe Net in use now

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)
4" sq.	weel		110	?	?	?



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

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

Driller's Signature \_\_\_\_\_

Driller's Address Columbia Falls, Mont.  
Route 2 Box 258 LICENSE NO. \_\_\_\_\_

100 ft Show exact depth of bottom

51,253

51,253

14. 479

STATE OF MONTANA } SS  
COUNTY OF FLATHEAD }

Filed on the 21 day of Aug  
A.D. 1977 at 2:31 o'clock PM

Elmer County Clerk and Recorder

By Ed

Deputy

County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

**Developed after January 1, 1962**

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

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

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

Owner George E. Butzlaff

Address Route 2 Box 258

Columbia Falls, Montana

Date well started 1966

completed 1966

For Administrator's Use

File 14,481

Aug. 21, 1972 - 2:33 p.m.

GW I

Type of well Dug and driven.

(Dug, driven, bored or drilled)

Equipment used ~~shovel and bucket~~

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

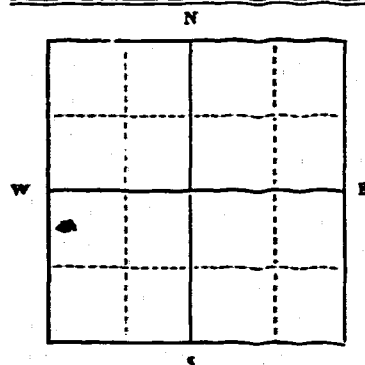
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn: ☒

**\*Describe**

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

ESTIMATED ANNUAL WITHDRAWAL 10,000 gal.

Size of Drilled Hole	Size and Weight of Casting	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
3 ft.	wood	4 feet	16	driven		



Static water level 10 ft.  
Pumping water level 10 ft.  
at 100 gallons per minute,  
measured 20 minutes after pumping  
began.

\*Measured from ground level.

Well developed by \_\_\_\_\_ 10

for ..... hours.

Power elect. Pump  $\frac{3}{4}$  HP

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

NH/1/5421/2 Sec 12  
T 36 (N) R E  
S 21(W)

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

Driller's Signature

Driller's Address Columbia Falls, Minn.

Router 2 Box 258 LICENSE NO.

## DRILLER'S LOG

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

Top of Ground

(Elev. above sea level)

[illegible]

20 ft. Show exact depth of bottom

51,252

17. 481

STATE OF MONTANA }  
COUNTY OF FLATHEAD } SS  
Filed on the 1<sup>st</sup> day of Aug  
A.D. 1913 at 2:12 o'clock PM  
SLM  
County Clerk and Recorder  
By SLM Deputy



14,480

STATE OF MONTANA } SS  
COUNTY OF FLATHEAD }  
Filed on the 31 day of Aug  
A.D. 1922 at 2:31 o'clock P M  
Edm  
County Clerk and Recorder  
By [Signature] Deputy

County Flathead

JUL 3 1973

### DRILLER'S LOG

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.

(Well originally drilled for Dale Reynolds)

Owner James A. Carlson

Address 232

Columbia Falls, Mt. 53912

Date well started 9/4/69

completed 9/9/69

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Chart

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

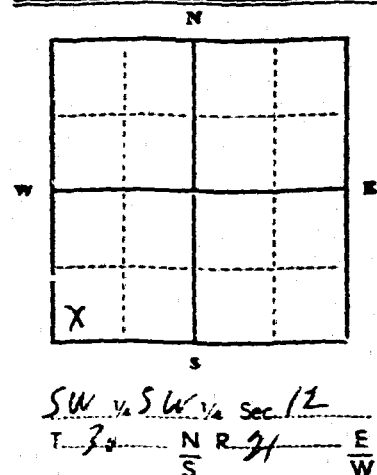
Industrial ☐ Drainage ☐ Other ☐\* Garden/Lawn ☐

**\*Describe**

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

ESTIMATED ANNUAL WITHDRAWAL 100,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	7" 20 lbs per ft.	0	140	None		



Static water level ..... 20' ..... ft.\*  
Pumping water level ..... 120' ..... ft.\*  
at ..... 10 ..... gallons per minute,  
measured ..... 60 ..... minutes after pumping  
began.

\*Measured from ground level.

Well developed by bailer

for 4 hours.

Power \_\_\_\_\_ Pump \_\_\_\_\_ HP \_\_\_\_\_

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

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

Driller's Signature \_\_\_\_\_

Driller's Address P. O. Box 929

Columbia Falls, Mt. 59912 LICENSE NO. 161

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) 2950

From (Feet)	To (Feet)	
0	2	Top soil
2	16	Sand, gravel seepage at 16'
16	42	Clay
42	59	Fine brown sand & flake of coal--seepage
59	135	Light brown clay
135	137	Gray sandy hard pan
137	140	Brown clay & pebbles water strata

140 feet Show exact depth of bottom

54, 954



14. 76 8

STATE OF MONTANA }  
COUNTY OF FLATHEAD } ss  
Filed on the 29 day of June  
A.D. 1923 at 10:4 o'clock A M  
mi  
County Clerk and Recorder  
By [Signature] Deputy

STATE WATER CONSERVATION BOARD

T 30N R 21W 12

File No. \_\_\_\_\_

FEB 14 1967

County Flathead

DUPLICATE

By \_\_\_\_\_ STATE OF MONTANA  
 E. \_\_\_\_\_ ADMINISTRATOR OF GROUNDWATER CODE  
 Co. \_\_\_\_\_ OFFICE OF STATE ENGINEER  
 Date \_\_\_\_\_  
 Dicker \_\_\_\_\_

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

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level \_\_\_\_\_)

0 to 46 ft. Sandy silt  
 46 to 171 ft. Hard pan.  
 171 to 172 ft. Water-  
 bearing gravel.

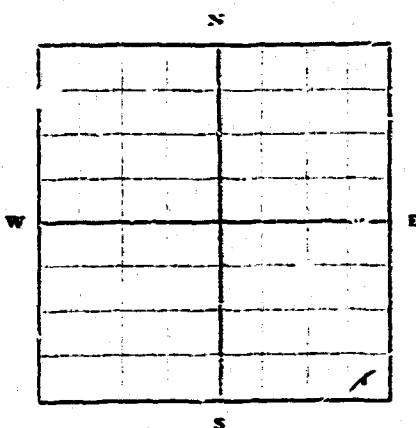
Owner Robert B. Cotner Address Columbia Falls, Mont.Driller Olsen & Justin Address Col. Falls, MontanaDate of Notice of Appropriation of Groundwater none filedDate well started April 11-66 Date Completed April 18-66

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
6 3/8	7" O.D. 23 lbs per ft	0	172	none		



SE 1/4 Sec 12 T30N R21W, MPM

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 90 feet.Shut-in Pressure for Flowing Well non flowingPumping Water Level 132 feet at 15 gal. per minute.Discharge in gal. per min. of flowing well none flowingHow Tested bailey 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)

710 55

Driller's License Number  
Olsen & Justin  
 Driller's Signature

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

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

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

41716

12,670

STATE OF MONTANA  
COUNTY OF FLATHEAD

Filed on the 8 day of Feb  
A.D. 1917 at 9 o'clock PM

County Clerk and Recorder

By M.J. Deputy

County \_\_\_\_\_

RECEIVED

JAN 7 1964

STATE ENGINEER

A 4x4 grid of squares, each with dashed lines for drawing. The bottom-left square contains a small 'x' mark.

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

2. The beneficial use or which the claim is based \_\_\_\_\_
3. Date or approximate date of earliest beneficial use; and how continuous the use has been june 1945-
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 70
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 Pump,
- 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 15 ft.
- withdrawn each year 25000 gal
- the drilling of each well if available wel
- asure as may be useful in carrying out the policy of this act, including  
ty record \_\_\_\_\_

Signature of Owner Lad. A. Flint  
Roy E. Flint  
 Date 12-30-63

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.

26671

11082

CLERK OF DISTRICT COURT  
COUNTY OF ALABAMA, SS  
Filed on the 2<sup>nd</sup> day of January  
A.D. 1964 at 8<sup>th</sup> o'clock A.M.  
J E M  
County Clerk and Recorder  
By: J E M Deputy

RECEIVED

County Flakeen

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

JUL 12 1973

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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.

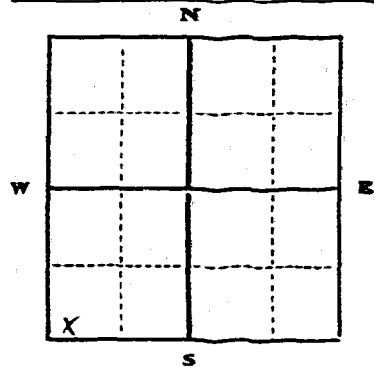
Owner Roy Stent  
Address Rt. 1 Columbia Falls  
Montana  
Date well started April 16-73  
completed April 23-73  
Type of well Drilled  
(Dug, driven, bored or drilled)  
Equipment used Churn  
(Churn drill, rotary or other)  
Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☒

For Administrator's Use  
File 14, 130  
July 12, 1973  
GW 1 10-55-12

\*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)
<u>6 3/8"</u>	<u>7" O.D. 23 lb</u>	<u>0</u>	<u>171</u>	<u>none</u>		



Static water level 16 ft.\*  
Pumping water level 100 ft.\*  
at 20 gallons per minute,  
measured        minutes after pumping began.  
\*Measured from ground level.  
Well developed by Bailing  
for 3 hours.  
Power        Pump        HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

B-14 1/4 Sec 7  
T. 30 N. R. 21 E.  
S. W.

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 400 ACRES.

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

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
<u>0</u>	<u>15</u>	<u>open hole</u>
<u>15</u>	<u>34</u>	<u>clay + gravel</u>
<u>34</u>	<u>119</u>	<u>silt</u>
<u>119</u>	<u>179</u>	<u>Silt &amp; gravel</u>
<u>179</u>	<u>170</u>	<u>Brown hard pan</u>
<u>170</u>	<u>170</u>	<u>deep water</u>
		<u>W. Steepening</u>
		<u>gravel and sand</u>

LICENSE NO. 55

171 Show exact depth of bottom

14,830

STATE OF MONTANA, SS  
COUNTY OF FLATHEAD  
Filed on the 2 day of July  
A.D. 1923 at 10 o'clock A.M.  
Merle Taber  
County Clerk and Recorder  
By E. Smith  
Deputy

14,830  
1923  
X

14,830  
1923

File No. \_\_\_\_\_

GW 2

T 30N R 21W 12  
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)

Top of Ground

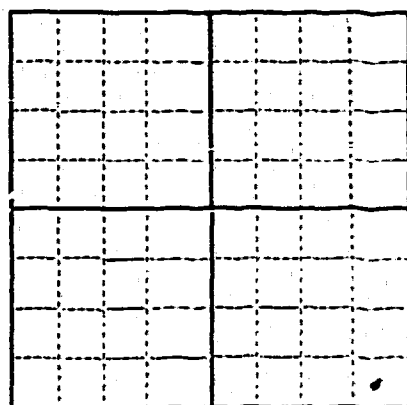
(Elev. above sea level \_\_\_\_\_)

0 to 38 ft Sandy Silt.

38 to 138 ft Gray  
hard pan138 to 174 ft  
Brown hard pan.174 to 176 ft  
Waterbearing  
gravel and sand.Owner Ed Gier Address Columbia Falls Mont.Driller Charles Justin Address Col. Falls Mont.Date of Notice of Appropriation of Groundwater None filedDate well started Aug 11-69 Date Completed Aug 15-69Type of well Drilled Equipment Used Churn  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)Water Use: Domestic ☒ Municipal ☐ Other ☐ Irrigation ☐  
Industrial ☐ Drainage ☐ Stock ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/8"	7" OD 23 lbs	0	176	none		



SE 1/4 Sec. 12 T30N R21W

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 74 feet.Shut-in Pressure for Flowing Well non-flowingPumping Water Level 120 feet at 20 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) \_\_\_\_\_

7055  
Driller's License Number  
Charles Justin  
Driller's Signature

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

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

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

45820



14063

STATE OF MONTANA  
COUNTY OF FLATHEAD, SS

Filed on the 16 day of Sept  
A.D. 1969 at 2:10 o'clock PM

Sen  
County Clerk and Recorder

By [Signature]  
Deputy

T 76 N 21 W 12

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1964

**STATE ENGINEER**

1. M<sup>r</sup> Eddow Leroy L of RT 1B Cal Falls  
(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:

[illegible]

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

2. The beneficial use on which the claim is based  
*Household Water*
3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
*1951*
4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
*15 gallons per minute*
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
*Electric Pump*
7. The cost of the construction of the well, wells, or other works for withdrawing water  
*3 feet*
8. The size and depth of each well or the general specifications of any other water  
*3 foot dug well 20 feet deep*
9. The amount of water withdrawn each year
10. The drilling of each well if available  
*gravel*
11. Any other information as may be useful in carrying out the policy of this act, including any record

Levy, M. L.  
Date Dec 30, 1963

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.

22659

10450

30 Dec  
1963 2- P M  
Glenn E. Mulholland  
Keith

File No. \_\_\_\_\_

GW 2

T. \_\_\_\_\_ R. \_\_\_\_\_

County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

(Elev. above sea level \_\_\_\_\_)

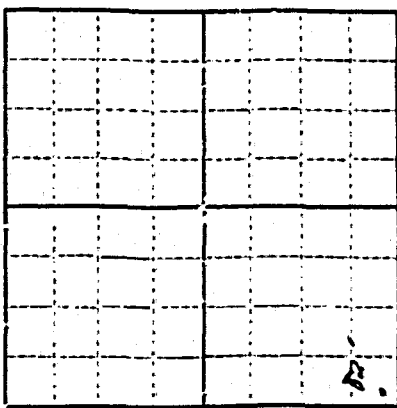
0 to 18 ft Sandy silt  
18 to 153 ft  
brown hard part.  
153 to 154 ft  
Waterbearing  
gravel & sand.

Owner Francis R. Role Address Columbia Falls, Mont.Driller Glenn & Justin Address Columbia Falls, Mont.Date of Notice of Appropriation of Groundwater Nov. 1967Date well started Aug. 15-67 Date Completed Aug. 21-67Type of well drilled Equipment Used Churn  
(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.

Doc. No. 14228  
Filed for record  
this 9 day of November  
A. D. 19 70 at 2:25  
o'clock P.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	7" C.O.	0	154	none		



SE 1/4 Sec. 12, T. 30, R. 21  
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 88 feet.Shut-in Pressure for Flowing Well 107 - flowingPumping Water Level 124 feet at 12 gal. per minute.Discharge in gal. per min. of flowing well 107 - flowingHow Tested Saltwater 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, used for irrigation)

Driller's License Number 74 25Driller's Signature Glenn & 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.

47741

# 14 227

STATE OF MONTANA }  
COUNTY OF FLATHEAD } SS  
Filed on the 9<sup>th</sup> day of J.N.  
A.D. 1915 at 2:25 o'clock P.M.  
[Signature]  
County Clerk and Recorder  
By [Signature]  
Deputy

File No. \_\_\_\_\_

GW 4

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

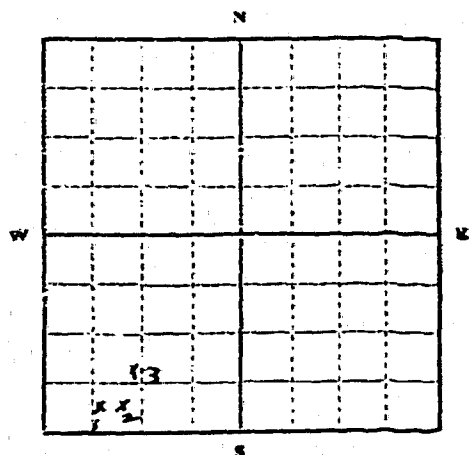
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED

JAN 6 1964

STATE ENGINEER

1. Clifford or Dolores Tottum of Columbia Falls  
(Name of Appropriator) (Address) (Town)  
County of Flathead State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec 12 T30 R21

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

2. The beneficial use on which the claim is based  
DOMESTIC USES

3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been #1 - 1952 - #2 - 1959  
#3 - 1960 - CONTINUOUS

4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) 30 gal per min

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

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

electric pumps

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

8. The depth of water table approximately 18 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

shallow well type well - from 20-25 ft depth

10. The estimated amount of groundwater withdrawn each year approx. 15,000 gal per each well

11. The log of formations encountered in the drilling of each well if available  
sand - gravel - clay - gravel - sand - gravel

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

Signature of Owner Clifford Tottum

Date 12-31-63

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

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

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

12984

10813

CLERK OF DISTRICT COURT,  
COUNTY OF PLUM, ALA.

Filed for the 31 day of Dec  
A. D. 1903 at 11:19 o'clock A. M.

J. C. M.  
County Clerk and Recorder

27 L. L. H.  
Deputy

File No. \_\_\_\_\_

GW 4

T 30 N 21 W  
County Flathead

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

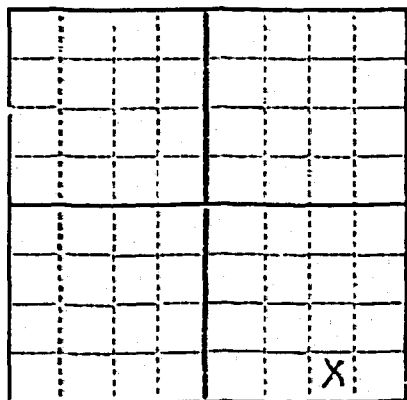
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
JAN 8 1964

STATE ENGINEER

I, Joe G. Tombrink & Nelda Tombrink, of Route 1-B Columbia Falls  
(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:



1/4 Sec 12 T 30 R 21

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

2. The beneficial use on which the claim is based is for livestock,  
irrigating garden and lawn, and household use.
3. Date or approximate date of earliest beneficial use; and how con-  
tinuous the use has been Well was dug in 1938; used  
ever since.
4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) ten gallon per minute.
5. If used for irrigation, give the acreage and description of the lands  
to which water has been applied and name of the owner thereof  
One acre of garden and lawn around house.  
Joe G. and Nelda Tombrink
6. The means of withdrawing such water from the ground and the  
location of each well or other means of withdrawal water is with-  
drawn from this well by pump and electric motor both  
located in basement of house which is located about  
75 feet east of this well.
7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater well was dug in 1938.
8. The depth of water table is around 20 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 The well was hand dug. It is about 4 feet square and 24 feet deep.
10. The estimated amount of groundwater withdrawn each year is around 182,500 gallons a year.
11. The log of formations encountered in the drilling of each well if available clay, and last 4 feet is gravel.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including  
reference to book and page of any county record this well is located about 50 feet east of  
the creek and 300 feet north of Highway 40.  
The water level in the creek doesn't affect the water level in the well.

Signature of Owner

Date

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

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

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



10513

STATE OF MONTANA 53  
COUNTY OF FARMER

Filed on the 30 day of Dec  
A.D. 1938 at 3:25 o'clock P.M.

Glenn E. Melhuise  
County Clerk and Recorder

By Cheth  
Deputy

File No. \_\_\_\_\_

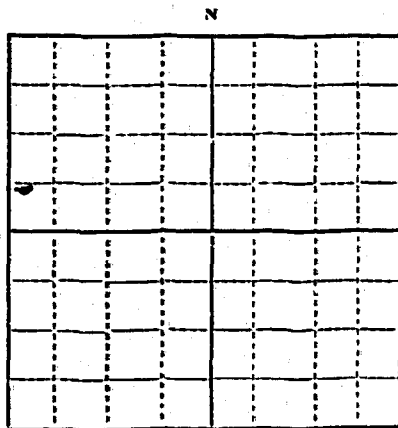
GW 4

T 30 N 21 W 12  
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 Laws, 1961)

STATE ENGINEER

1. Kenneth G. Wuyrauch, of Rt. 1-B Columbia Falls.  
(Name of Appropriator) (Address) (Town)  
County of Foothill State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:W  $\frac{1}{4}$  Sec 12 T 30 R 21 WMMIndicate 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 use3. Date or approximate date of earliest beneficial use, and how continuous the use has been October 19484. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 gallon per minute for 9 months of year  
3 gallons per minute for 3 months of year5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
8000 sq ft of lawn 3000 sq ft garden  
6 acres6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal a 1/2 H.P.  
Sears Roebuck pump near well7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater October 19488. The depth of water table 12 feet9. 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 a hand dug well 3 feet in diameter  
and 12 feet deep10. The estimated amount of groundwater withdrawn each year 300,000 gallons11. The log of formations encountered in the drilling of each well if available None available12. 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 availableSignature of Owner K. G. WuyrauchDate Dec 31 1963

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

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

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

22329

10703

STATE OF MONTANA )  
COUNTY OF FLAHERD ) SS

Filed on the 31 day of Dec  
A.D. 1963 at 9:45 o'clock A.M.

S. P. M.  
County Clerk and Recorder

By L. L. H.  
Deputy

File No.

June 1, 1965  
 Correction on location  
 of well (described below)

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER  
 OFFICE OF STATE ENGINEER

County Flathead

JUL 22 1965

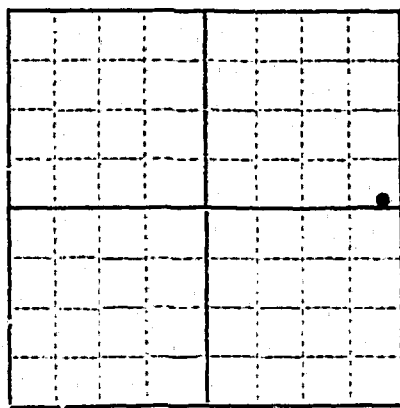
# Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner John Barbo Address Columbia Falls, Mont.Driller Olsen & Justin Address " "Date of Notice of Appropriation of Groundwater none filedDate well started Feb. 1 - 65 Date Completed Feb. 5 - 65Type of well Drilled Equipment Used Churn  
 (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" O.D. 23 lbs. per ft.	0	182	none		



SE 1/4 NE Sec. 13, T. 32, R. 21 W  
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.  
 Indicated by dot.

Show exact depth of bottom.

182

Static Water Level for non-flowing Well 80 feet.Shut-in Pressure for Flowing Well non-flowingPumping Water Level 115 feet at 10 gal. per minute.Discharge in gal. per min. of flowing well non-flowingHow Tested Boiler Length of Test 3 hrs.

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

all measurements from existing ground surface

No. 55  
 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.