

File No. _____

GW 2

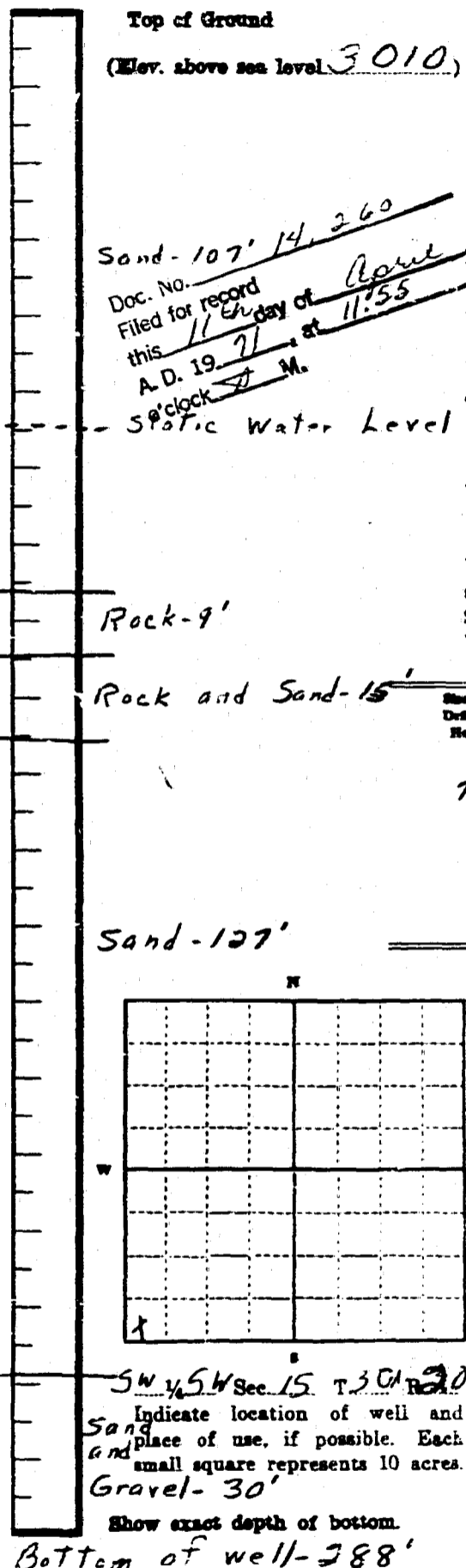
T. _____ R. _____

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)



Owner Richard Pierce Address Columbia Falls, Mont.

Driller Argyle Hendrickson Address Kalispell, Mont.

Doc. No. _____
Filed for record
this 11 day of April
A. D. 19 71 at 11:55
o'clock A. M.

Date of Notice of Appropriation of Groundwater _____

Date well started March 24 - Apr 19, 1968 Date Completed July 28 - Aug. 8, 1969

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	7' 00" 20 lbs.	0	288	X	X	X

Static Water Level for non-flowing Well 80 feet

Shut-in Pressure for Flowing Well Non-Applicable

Pumping Water Level 180 feet at 10 gal. per minute.

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

How Tested Baler 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) _____

SW 1/4 Sec. 15 T. 30 N. R. 30 W.

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

Gravel - 30'
Show exact depth of bottom.
Bottom of well - 288'

153
Driller's License Number

[Signature]
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.

45338

#14,260

STATE OF NEW YORK
COUNTY OF FLATHEAD, SS

Filed on the 9 day of Apr
A. D. 1921 at 11:55 o'clock P. M.

John
County Clerk and Recorder

By

EP

Deputy

File No. _____

GW 2

T. 51 R. 30

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JUL 22 1965

D

Top of Ground
(Elev. above sea level _____)

0 to 52 ft Hard pan
52 to 57 ft
Waterbearing
gravel & sand.

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Lay Schett Address Chum Falls, Mont

Driller George J. Justice Address Chum Falls, Mont

Date of Notice of Appropriation of Groundwater June 1965

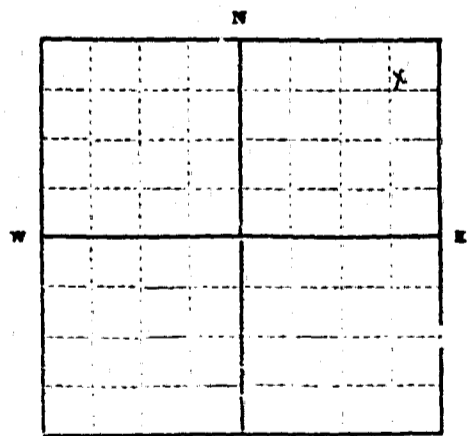
Date well started April 15-65 Date Completed April 19-65

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	From (Feet)	To (Feet)
6 1/8"	7" CO 330's per ft.	0	57	None		



NE 1/4 NE 1/4 Sec. 15 T. 30. R. 30
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 44 feet.

Shut-in Pressure for Flowing Well non-flowing

Pumping Water Level 46 feet at 20 gal. per minute.

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

How Tested bailer Length of Test 2 hrs

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

70155

Driller's License Number
George J. Justice
Driller's Signature

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

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

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

11,833

65 ⁸/₂₃ June
98m
m.2.

File No.

SW 4

T. 30N R. 20W

County _____

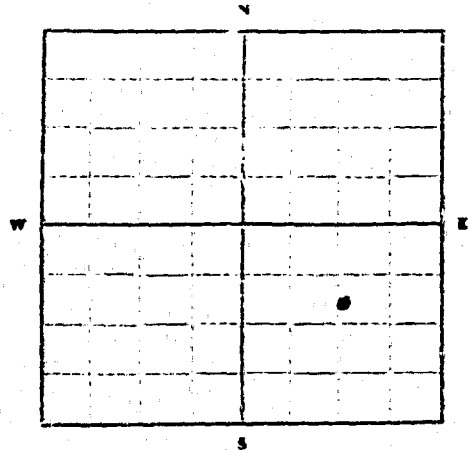
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 6 1964

STATE ENGINEER

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

I, W. Reid Stuart of Route 1A 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:



SE 1/4 Sec 15 T.30 R.20

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

2. The beneficial use on which the claim is based. residential and commercial

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. July 1960 - constant

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 25 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. N/A

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. July 1960

8. The depth of water table. 109

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 - 7" casing - 109 feet deep

10. The estimated amount of groundwater withdrawn each year. 1,500,000 gallons per year

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. Page 112 Line 7

Signature of Owner W. Reid Stuart
Date Dec 31, 1963

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

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

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

34818

1,190

STATE OF MONTANA
COUNTY OF FLATHEAD
Filed on the 28 day of Jan
A. D. 1964 at 8:30 Clock A.M.
D. B. M.
County Clerk and Recorder
By D. M. Deputy

14,393

STATE OF MONTANA) SS
COUNTY OF FLAINDERS)
Filed on the 14 day of March
A.D. 1912 at 3:15 o'clock P.M.
County Clerk
By md

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

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

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Ruf Merrill & Betty Merrill
Address Box 356
Columbia Falls, Mont. March 14, 1932 30520

For Administrator's Use
File 14,393

Date well started June, 1946 GW 1
completed Aug, 1946

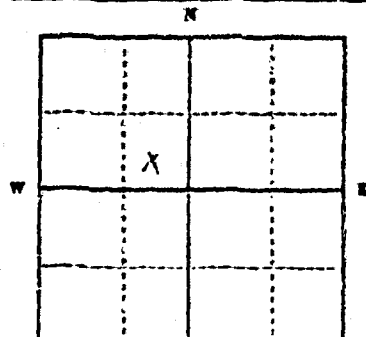
Type of well Drilled
(Dig, driven, bored or drilled)
Equipment used Spartan - Churn
(Churn drill, rotary or other)

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

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS
				Kind Size From (Feet) To (Feet)
8" D	28"	top	198	None
6" D	17"	top	316	



Static water level 67 ft.*
Pumping water level 82 ft.*
at 8 1/2 gallons per minute,
measured 1 minutes after pumping
began.
*Measured from ground level.
Well developed by Bailer
for 5 hours.
Power _____ Pump _____ HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) _____

SE 1/4 NW 1/4 Sec 15
T. 20 N. R. 2 E. S. 15

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

Driller's Signature Frank Merrill
Driller's Address 445-8th Street, Columbia Falls

Top of Grounds (Elev. above sea level)	
From (Feet)	To (Feet)
	Clay
	Gravel
43 ft	
	Sand
89 ft	
	Rock
198 ft	
	Boulders
248 ft	
	Rock sand
	Some water
308 ft	
	Water
	Sand
	Gravel
310 ft	
	Gravel
	Coarse
	Sand
316 ft	

LICENSE NO. 18 Show exact depth of bottom

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

AUG 1964

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Joe T. Topacka & Paula Address Columbia Falls, Mont

Driller Olson & Justus Address Columbia Falls, Mont

Date of Notice of Appropriation of Groundwater now filed

Date well started July 6-64 Date Completed July 9-64

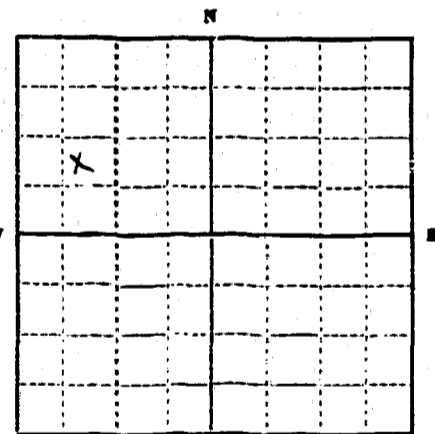
Type of well Drilled Equipment Used Churn
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Top of Ground
(Elev. above sea level 3048.)
0 to 10' gravel & silt
10 to 94' silt
94 to 189' silt with gravel.
189 to 191' water bearing gravel
Total depth 191 feet.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From Feet	To (Feet)
<u>7"</u>	<u>7" 00</u>	<u>0</u>	<u>191</u>	<u>none</u>		



N 44 Sec 15 T 30 R 20
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

191

Static Water Level for non-flowing Well 30 feet.

Shut-in Pressure for Flowing Well non-flowing

Pumping Water Level 32 feet at 30 gal. per minute.

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

How Tested Bailer Length of Test 2 hrs

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

All measurements from existing ground surface

no 55
Driller's License Number
By: Olson & Justus
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.

38361

11,468

STATE OF MONTANA
COUNTY OF FLAHERD SS

Filed on the 8th day of July
A.D. 1964 at 8¹⁰ o'clock P.M.
9677

County Clerk and Recorder

By m. j. Deputy

File No. _____ Doc No. 14129
 Filed for record
 this 6 day of April
 A.D. 19 70 at 11:01
 o'clock A. M.

GW 2 T 30 R 15
 Count Flathesal

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
 Appropriation by Means of Well

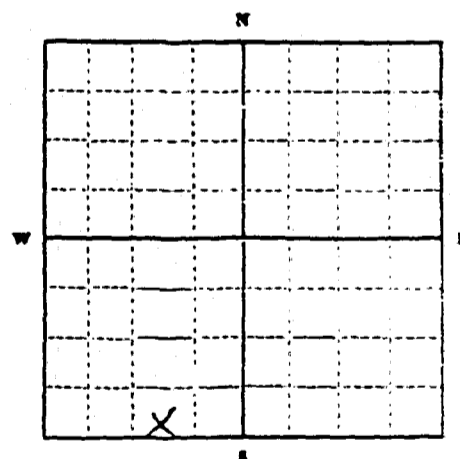
(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
 (Elev. above sea level _____)
 0 to 50 ft Gravel
 50 to 65 ft Sandy Silt.
 65 to 200 ft Silt
 200 to 285 ft
 Silt with some
 gravel.
 285 to 289 ft
 Sand & Gravel
 289 to 290 ft
 Waterbearing gravel
 and sand.

Owner: Ralph McClinton Address Box 44 Col Falls
 Driller: Allen Justice Address Col Falls, Montana
 Date of Notice of Appropriation of Groundwater now filed
 Date well started Jan 5 70 Date Completed March 19 70
 Type of well Drilled Equipment Used Churn
 (dug, driven, bored or (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)	PREPARATIONS		
				Kind	From (Feet)	To (Feet)
7" O.D.	53 lb per ft	0	290	None		



54 N Sec. 15 T. 30 R. 20
 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 54 feet.
 Shut-in Pressure for Flowing Well non flowing
 Pumping Water Level 56 feet at 30 gal. per minute.
 Discharge in gal. per min. of flowing well non flowing
 How Tested faller 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
Allen Justice
 Driller's Signature

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

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

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

14129

STATE OF MONTANA
COUNTY OF FLATHEAD
Filed on the 6 day of April
A.D. 1910 at 11:00 o'clock P.M.
County Clerk and Recorder
By _____

AUG 2 1966

T 3 4 R 2 20

File No.

EP
B
C
D
E

County *Fleets*

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



Top of Ground

(Elev. above sea level.....)

0 to 20 ft gravel sand
20 to 120 ft silt
120 to 210 ft silt
with traces of gravel
210 to 211 ft water
bearing gravel &
sand.

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner *James Ward* Address *Col. Falls, Mont*

Driller *Olson & Justen* Address " " "

Date of Notice of Appropriation of Groundwater *none filed*

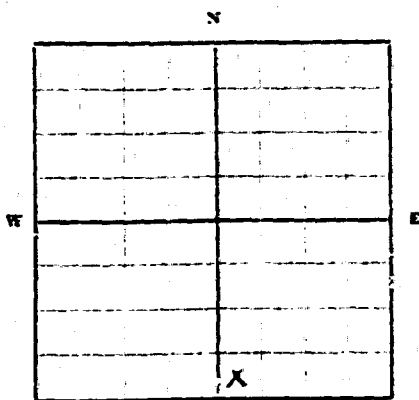
Date well started *April 4-66* Date Completed *April 11-66*

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

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<i>6 3/8</i>	<i>7" O.D. 23 lb pipe ft.</i>	<i>0</i>	<i>211</i>	<i>none</i>		



N 1/2 SW 1/4 SE 1/4

1/4 Sec. 15 T. 30 N. R. 20 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 *68* feet.

Shut-in Pressure for Flowing Well *non flowing*

Pumping Water Level *74* feet at *20* gal. per minute.

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

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)

72055
Driller's License Number
Olson & Justen
George D. Justen
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.

12.250

19 10 30 July
L.M.
By J.W.

File No. _____

GW 4

T. 30 N R. 20 W 13

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

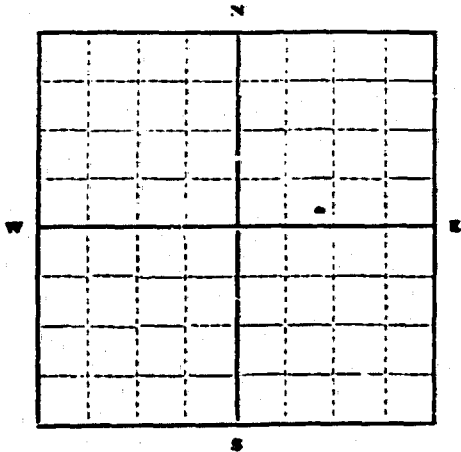
RECEIVED
JAN 23 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Edith Einarsen of Rt 14 Columbia Falls
(Name of Appropriator) (Address) (Town)

County of DeWitt 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. 15 T. 30 R. 20

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1955 has been in continuous use up to this time

4. The amount of groundwater claimed (in miner's inches or gallons per minute) I have never been able to lower the water level with a pump

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 a small garden and lawn of our own

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal one well app. 70 ft with 4" casing, a pressure pump is used

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater app. June 1955

8. The depth of water table 26 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 3 ft wide 32 ft deep one well

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

11. The log of formations encountered in the drilling of each well if available well was completed before we bought the place

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

Signature of Owner William Einarsen
Date 12/30/63

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

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

11,164

STATE OF MONTANA)
COUNTY OF FLATHEAD) SS

Filed on the 13 day of Jan
A. D. 19 64 at 12⁵⁰ o'clock P. M.

26 m
County Clerk and Recorder

By _____ Deputy

F. No.

T. 30 N. R. 20 E

County Fleethel

TRIPPLICATE

Top of Ground (Elev. above sea level) 14263
this 15th day of April 1971 at 9:45 clock A M.

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)

0 to 34 ft hard packed gravel
34 to 90 ft Sandy silt
90 to 271 ft Gray silt
271 to 280 ft Gray hard pan
280 to 284 ft Waterbearing gravel & sand

Owner Art David 501 Shadow Mountain Address Col. Falls Mont

Driller Olsen & Justin Address Col. Falls Mont

Date of Notice of Appropriation of Groundwater none filed

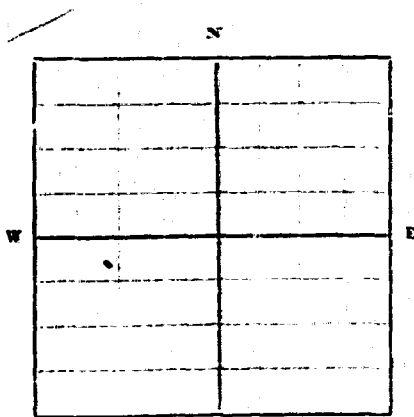
Date well started May 6-70 Date Completed May 15-70

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

Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/8"	7" O.D. 23 lb.	0	284	none		



N 41 Sec. 15 T 30 R 20

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 78 feet.

Shut-in Pressure for Flowing Well non-flowing

Pumping Water Level 186 feet at 30 gal. per minute.

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

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)

no 55

Driller's License Number

Olsen & Justin
By George J. 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.

14,263

STATE OF MONTANA
COUNTY OF FLATHEAD SS

Filed on the 15 day of Apr
A.D. 1971 at 9th Clock P.M.

County Clerk and Recorder

By

M.J.

Deputy

File No. _____

T. 30 N. R. 20 W.

GW 1

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

MAY 3 1968

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

Joseph F. Cada and Agnes H. Cada, as joint tenants

1. I, with right of survivorship of Rt. 2 Columbia Falls
(Name of Appropriator) (Address) (Town)

County of Flathead State of Montana intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is household, domestic and livestock use and consumption, irrigation, and other useful or beneficial purposes. (See property description below for land to be irrigated.)
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed
150 gallons per minute.

4. The annual period (inclusive dates) of intended use Jan. 1 to Dec. 31 (year around)

5. The probable or intended date of first beneficial use August 15, 1967

6. The probable or intended date of commencement and completion of the well* or wells*

Aug. 8, 1967 (commencement of well); Aug. 15, 1967 (completion of well)

7. The location, type, size and depth of well or wells contemplated Well is located on property described below. Well is a drilled well. A 7-inch casing was utilized and the well is approximately 286 feet deep.

8. The probable or estimated depth of the water table or artesian aquifer 235 feet

9. Name, address and license number of the driller engaged Olsen & Justin, Highway 40,
Columbia Falls, Montana, License No. 55.

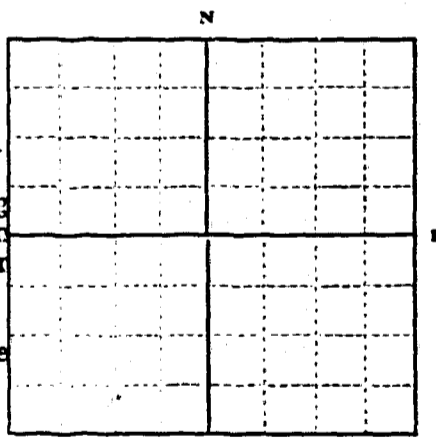
10. Give such other similar information as may be useful

in carrying out the policy of this act. Property

Description: Well is located on Lot 23 of Columbia Heights; however, claimants also own Lots 24, 25, 1 and 2 of Columbia Heights, which are in the SE 1/4 NW 1/4, Sec. 15, T. 30 N., R. 20 W., M.P.M., according to the official map or plat thereof recorded and on file in the office of the County Clerk and Recorder of Flathead County, Mont.; and claimants are presently using and anticipate continuing to use and apply this water to beneficial uses on all of these lots.

Claimants may also wish to furnish water to other land not already served by a proper water source; however, claimants do not hereby bind themselves in any manner to furnish water to such other land.

This Notice of Appropriation of Groundwater supplements the Notice filed on 30 April, 1968, File #13,367.



SE 1/4 NW 1/4 Sec. 15 T30N. R. 20W
Locate well or other means of development as accurately as possible on the plat.

JOSEPH F. CADA

Signature of Appropriators AGNES H. CADA

Date 1 May 1968

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn.

Three copies of this notice are to be filed with 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

4-194

13,368

STATE OF MONTANA }
COUNTY OF FLATHEAD } SS

Filed on the 1st day of May
A. D. 1968 at 11:00 o'clock P. M.

Sen
County Clerk and Recorder

By Oil
Deputy

GW1

File No. _____

T. 30 N. R. 20 W.

DUPLICATE

County Flathead REC'D APR 3 1968

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

Joseph F. Cada and Agnes H. Cada, as joint tenants

1. I, with right of survivorship of Rt. 2 Columbia Falls
(Name of Appropriator) (Address) (Town)

County of Flathead, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is household, domestic & livestock use and consumption, irrigation, and other useful or beneficial purposes. (See property description below for land to be irrigated.)
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed 150 gallons per minute.

4. The annual period (inclusive dates) of intended use Jan. 1 to Dec. 31 (year around)

5. The probable or intended date of first beneficial use Aug. 15, 1967

6. The probable or intended date of commencement and completion of the well* or wells* Aug. 8, 1967 (commencement of well); Aug. 15, 1967 (completion of well)

7. The location, type, size and depth of well or wells contemplated Well is located on property described below. Well is a drilled well. A 7-inch casing was utilized and the well is approx. 286 feet deep.

8. The probable or estimated depth of the water table or artesian aquifer 285 feet

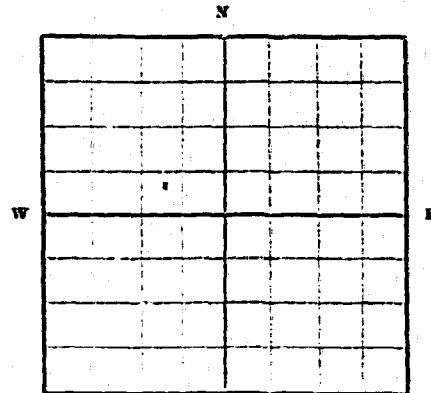
9. Name, address and license number of the driller engaged Olsen & Justin, Hwy 40, Columbia Falls, Montana, license No. 55.

10. Give such other similar information as may be useful in carrying out the policy of this act.

Property description:

Lot 23 of Columbia Heights,
SE-1/4 NW-1/4, Section 15,

Township 30 N., Range 20 W., M.P.M.
According to the official map or plat thereof recorded and on file in the office of the County Clerk and Recorder of Flathead County, Montana.



NW-1/4
SE 1/4 Sec. 15 T. 30 N. R. 20 W.

Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator S JOSEPH F. CADA
AGNES H. CADA
Date April 30, 1968

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

Three copies of this notice are to be filed with 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 School of Mines and Quadruplicate for the Appropriator.

44293

13,367

STATE OF MONTANA }
COUNTY OF FLATHEAD } SS

Filed on the 30 day of April
A. D. 1918 at 1⁵⁷ o'clock P.M.

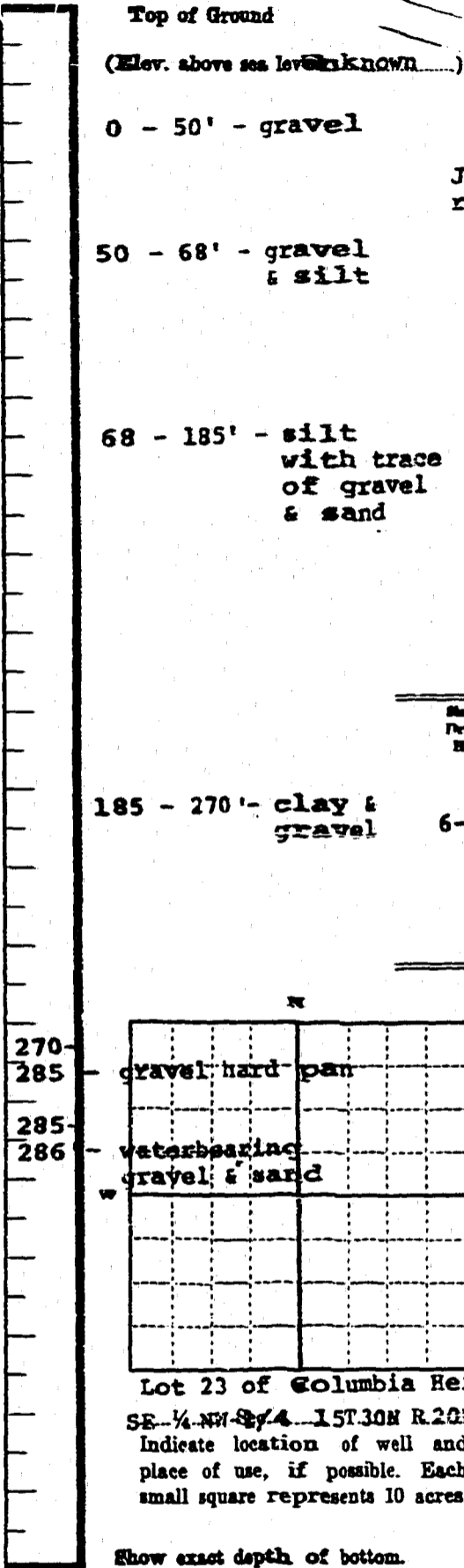
S.E.M.
County Clerk and Recorder

By M.J.
Deputy

15

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)

Joseph P. Cada & Agnes H. Cada, as joint tenants with right of survivorship Address Rt. 2, Columbia Falls, Mont.

Driller Olsen & Justin Address Hwy 40, Columbia Falls, Mont.

Date of Notice of Appropriation of Groundwater April 30, 1968

Date well started Aug. 8, 1967 Date Completed Aug. 15, 1967

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	From (Feet)	To (Feet)
6-3/8	7" outside dia. 23 lbs. per foot	6'	296		None	

Static Water Level for non-flowing Well 80' from surface xxx feet.

Shut-in Pressure for Flowing Well non-flowing
Not tested Not tested

Pumping Water Level feet at gal per minute.

Discharge in gal. per min. of flowing well Not tested
Not applicable Not applicable

How Tested Length of Test

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

shut off at acres irrigated, if used for irrigation) well. This supplements the Notice of Completion of Groundwater Appropriation by means of well which was filed on 16 October 1967. Total number of acres to be irrigated is not yet known.

55

Driller's License Number

Not applicable

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.

4-104

13,366

STATE OF MONTANA } SS
COUNTY OF FLATHEAD }

Filed on the 30 day of April
A. D. 1968 at 1:20 o'clock P.M.

Edm
County Clerk and Recorder

By DH
Deputy

File No. _____

MONTANA WATER RESOURCES BOARD
GW 2

RECEIVED

1967 8 17

T. _____ R. _____
County Glathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER



Top of Ground
(Elev. above sea level _____)
0 to 50 ft Gravel
50 to 68 ft Gravel
and silt.
68 to 185 ft
Silt with
trace of gravel + sand.
185 to 270 ft. clay
and gravel.
270 to 285 ft
Gray hard pan.
285 to 286 ft
Waterbearing
gravel + sand.

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Joseph F. & Agnes H. Cada Address Col. Falls Mont

Driller Olson & Justen Address Col. Falls Mont

Date of Notice of Appropriation of Groundwater none filed

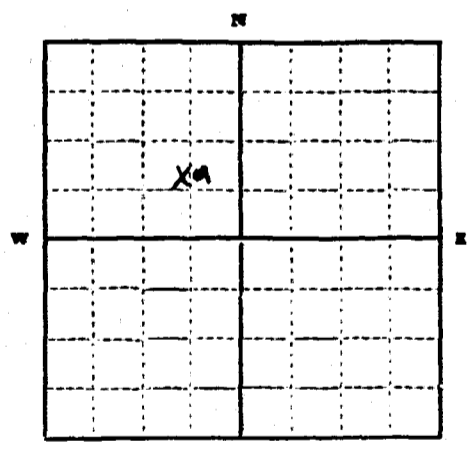
Date well started Aug 8-67 Date Completed Aug 15-67

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" O.D 23 lbs per ft	6	286	none		



SE 1/4 NW 1/4 Sec. 15 T30 R20
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 80 feet.

Shut-in Pressure for Flowing Well non flowing

Pumping Water Level 90 feet at 20 gal. per minute.

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

How Tested Bailer Length of Test 7 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 level.

no 55
Driller's License Number
Olson & Justen
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.

42,491

13,023

FILED _____ SS
_____ the 16 day of Oct
A.D. 1967 at 12:29 o'clock PM
Jem
County Clerk and Recorder
JTB
County

File No. _____

GW 2

T 30N R 20W S 15

County Fleets

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 Robert L. Steele Address 40 Park Lane Madison, N.J.

Driller Olson & Justin Address Col. Falls Road

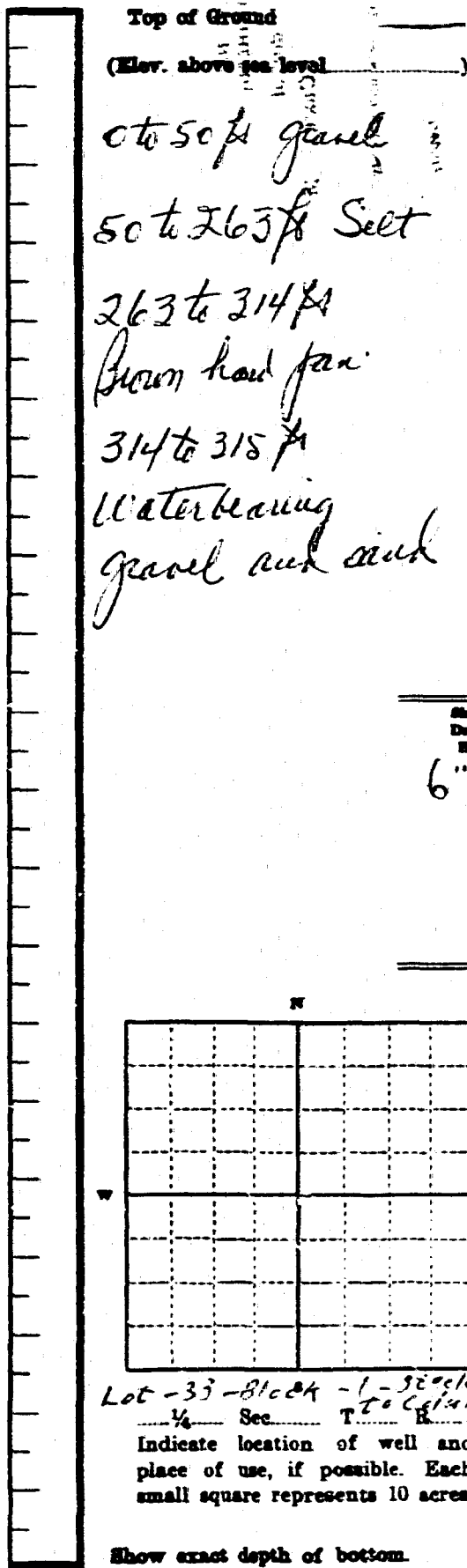
Date of Notice of Appropriation of Groundwater none filed

Date well started March 4-49 Date Completed March 25-49

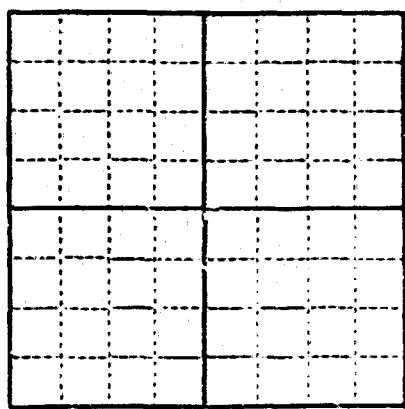
Type of well Drilled Equipment Used Churn
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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"	6" I.D. 18.97 lbs pipe	0	315	none		



Static Water Level for non-flowing Well 60 feet.

Shut-in Pressure for Flowing Well non-flowing

Pumping Water Level 90 feet at 30 gal. per minute.

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

How Tested Pump Length of Test 8 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) None
Lot - 33 - Block - 1 - Section 1 Addition
1/4 Sec. T. 30N R. 20W S. 15

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

Show exact depth of bottom.

Driller's License Number 710 55
Driller's Signature Olson & 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.

44283

13374

STATE OF MONTANA }
COUNTY OF FLATHEAD } SS

Filed on the 6 day of May
A.D. 1969 at 11:30 Clock, A.M.

Flora
County Clerk and Recorder

By [Signature]

File No. _____

JW 4

T. 30N R 20W

96

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

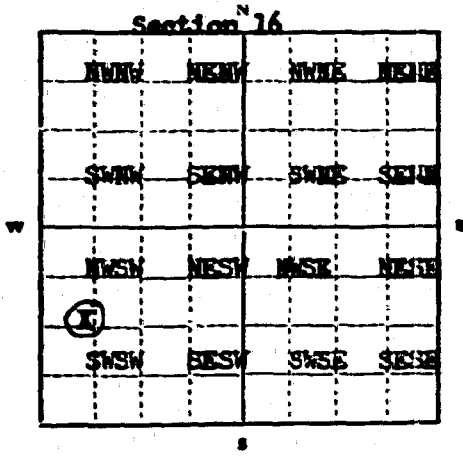
RECEIVED

(Under Chapter 237, Montana Session Laws, 1961)

JAN 6 1964

1. David D. Agner of P.O. Box 611, Columbia Falls
 (Name of Appropriator) (Address) (Town) **STATE ENGINEER**

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



SW¹/₄ SE¹/₄ 16T 30N 20W

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

- The beneficial use on which the claim is based
Water cattle and horses and irrigate 50' x 75' garden plot.
- Date or approximate date of earliest beneficial use; and how continuous the use has been
~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~ used primarily during summer months. Well could currently be put into use.
- The amount of groundwater claimed (in miner's inches or gallons per minute)
Intermittent use at the approximate rate of 30 GPM.
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
Approximately .1 acre garden plot located in the SESE of Sect. 17 T30N R30W. Owner: Same as l. above.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Portable gasoline powered pump. Pump located at well.

- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Well has been completed and in use for approximately 30 years.
- The depth of water table
Depth of the water table from which I am using is approximately 18 feet.
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Well is 4 feet in diameter and 22 feet deep.
- The estimated amount of groundwater withdrawn each year
100,000 Gallons
- The log of formations encountered in the drilling of each well if available
Formation appears to be gravel mixed with some clay all the way down.
- 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
See book 456, Page 184

Signature of Owner David D. Agner
 Date 30 Dec 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.

10444

STATE OF IOWA
COUNTY OF WAUKESHA

Filed on the 30 day of Dec
A.D. 1963 at 16 o'clock P.M.

Glenn E. Melhouse
County Clerk and Recorder

By Keith
Deputy

GW File No. _____

T30
County Flathead

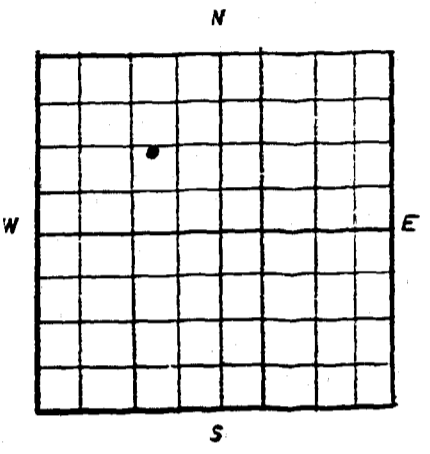
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
Office Of State Engineer

DUPLICATE

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chap. 237 Mont. Session Laws, 1961)

1. Chas & Irene Baxter, of RT-1A Columbia Falls
name of appropriator address town
County of Flathead State of Mont

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



SE 1/4 S 16 T 30 R 10
indicate point of appropriation & place of use. Each square indicates 10 Acres.

2. The beneficial use on which the claim is based houses gardens & lawns

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1948
Continuous

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

5. If used for irrigation, give 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 location of each well or other means of withdrawal Elect pump

7. Date of commencement & completion of construction of well, wells, or other works for withdrawal of groundwater June 1948

8. Depth Of Water Table 26 ft

9. As it may be available, type, size, depth of each well or general specification of any other works for withdrawal of groundwater 26 ft 7 in casing

10. Estimated amount of groundwater withdrawn each year 700,000 gal

11. The log of formations encountered in drilling each well (if available) Soil sand & rock

12. Other information useful in carrying out policy of this act, including Book & Page of any county record _____

Chas W Baxter
Signature Irene Baxter
(owner)

Date _____

3 copies to be filed by owner with clerk & recorder in county where well is located. Please answer all questions, if not applicable, so state.
Original to Co. Clerk & Recorder; Duplicate to State Engineer; Triplicate to School of Mines and Quadruplicate for the Appropriator.

4750

STATE OF MASSACHUSETTS
COUNTY OF PLYMOUTH
Recorded on the 14 day of May
A.D. 1863 at 4:56 P.M.
County Clerk and Recorder
By M. J. Deputy

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

RECEIVED
JUL 3 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION
County

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL
Developed after January 1, 1962

DRILLER'S LOG

Indicate the character, color, thickness, etc. 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.

(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 <u>Jewell + or Dominica Baker</u>	For Administrator's Use
Address <u>Box - 304</u>	File <u>14769</u>
<u>Columbia Falls Mont</u>	<u>L-24-73</u>
Date well started _____	GW I <u>10-22</u>
completed _____	

Type of well _____ (Dig. driven, bored or drilled)

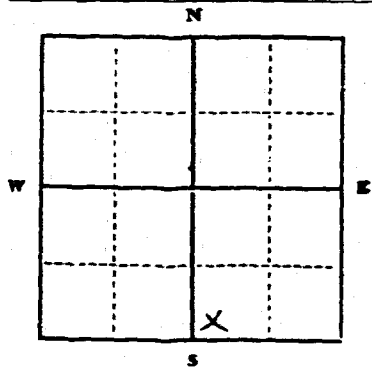
Equipment used _____ (Churn drill, rotary or other)

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

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>bits</u>	<u>3/8</u>	<u>60</u>	<u>60</u>			



S.W. 1/4 SE 1/4 Sec. 16
T. 30 N. R. 20 E
S W

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

Driller's Signature _____

Driller's Address _____

LICENSE NO. _____

Show exact depth of bottom _____

55028

14 769

STATE OF MASSACHUSETTS
JULY 29 1891
JAMES B. WILSON
Judge
Susan St. Lawrence

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

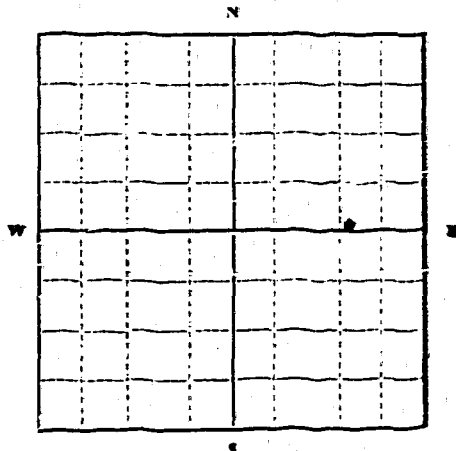
RECEIVED
JAN 8 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Carl D. Daniels and Valentine Daniels of Columbia Falls, 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:



SEE ~~1/4~~ Sec 16 20N R20W

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

- 2. The beneficial use on which the claim is based Household use
Garden sprinkling-lawn
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1939 Continuous use.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) Twenty 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
one acre of garden and lawn, Sprinkling.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1939
- 8. The depth of water table Twenty 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.
Twenty foot depth, tiled cased.
- 10. The estimated amount of groundwater withdrawn each year 1,500,000 gallons
- 11. The log of formations encountered in the drilling of each well if available.
no log available. Gravel and 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.
no County record.

Carl D. Daniels

Signature of Owner(s)

Date December 21, 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.

10,345

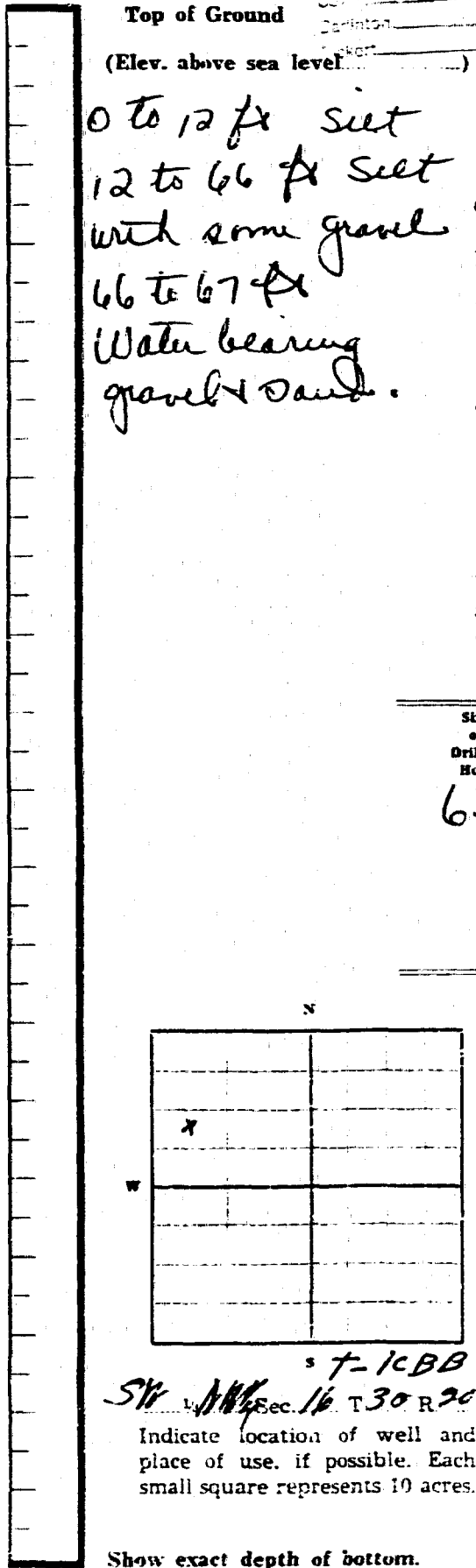
COUNTY OF PLAINFIELD 33

Filed on the 30 day of April
A.D. 1963 at 8:45 o'clock A.M.

HBM
County Clerk and Recorder

M.T.
Deputy

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



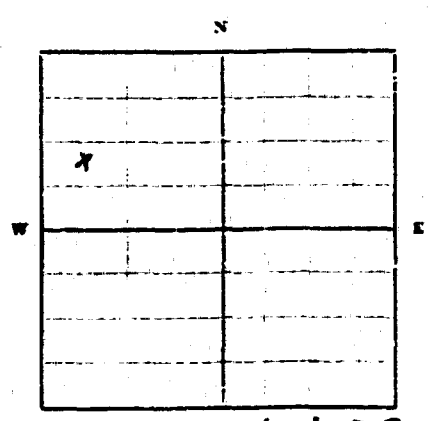
Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 227, Montana Session Laws, 1961)

Owner *Arthur J. Davis* Address *Col. Falls, Mont*
Elmer Davis
 Driller *Olson & Justin* Address *Col. Falls, Mont*
 Date of Notice of Appropriation of Groundwater *now filed*
 Date well started *July 18-66* Date Completed *July 20-66*
 Type of well *Bullet* Equipment Used *Churn*
 (dug, driven, bored or drilled) (Churn, drill, rotary or other)
 Water Use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 3/8	7" O D 23 lb per ft	0	67	none		



57-10BB
 Sec. 16 T30 R20
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well *16* feet.
 Shut-in Pressure for Flowing Well *non flowing*
 Pumping Water Level *36* feet at *20* gal. per minute.
 Discharge in gal. per min. of flowing well *non flowing*
 How Tested *Bailer* Length of Test *2 hrs.*

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

7055
 Driller's License Number
Olson & Justin
George J. 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.

12,576

30th Aug
66 10:25 Clock P.M.
BEM
JW

File No.

GW 2

T 30 R 20 16

County Fleethick

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 27 1964

Notice of Completion of Groundwater
Appropriation by Means of Well ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

Owner Donald Doane Address Columbia Falls, Mont.

Driller Oliver Justin Address Col Falls, Mont.

Date of Notice of Appropriation of Groundwater none filed

Date well started Sept 7-64 Date Completed Sept 8-64

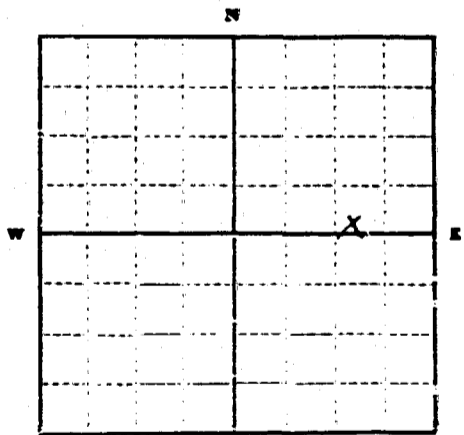
Type of well Drilled Equipment Used Churn
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Top of Ground
(Elev. above sea level)
0 to 5 ft Silt
5 to 20 ft gravel and sand
20 to 136 ft Silt with some gravel.
136 to 150 ft Heavy clay and gravel.
150 to 152 ft Waterbearing gravel and silt.
Total depth 152 ft.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	7" C.O. 23 lbs per ft	0	152	none		



SE 1/4 Sec. 16, T 30 R 20
Indicate location of well and place of use. X possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 15 feet.

Shut-in Pressure for Flowing Well non flowing

Pumping Water Level 42 feet at 30 gal per minute.

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

How Tested Bailer Length of Test 2 hrs

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

all measurements to from existing ground surface.

71055
Driller's License Number
Oliver 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.

36626

11,540

STATE OF MONTANA
COUNTY OF FLATHEAD SS

Filed on the 8 day of Oct
A. D. 1967 at 11¹⁵ o'clock A. M.

Q. G. M.
County Clerk and Recorder

By Q. G. M.
Deputy

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

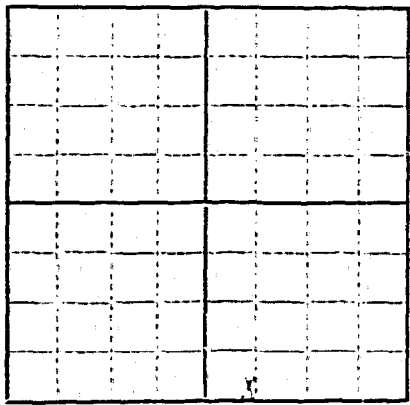
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Wilma A. Doane 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:



2. The beneficial use on which the claim is based Household use, garden & lawn sprinkling, & livestock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1949 Continual use.

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

Approximately one acre of lawn & garden

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

SEE MAP Sec. 16 T. 30 R. 20

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1949

8. The depth of water table Twenty 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
Twenty foot depth. Concrete tile casing.

10. The estimated amount of groundwater withdrawn each year 2,000,000 gallons

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

Signature of Owner

Wilma A. Doane

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.

10, 201

STATE OF MICHIGAN
COUNTY OF FLAING

Filed on the 26th day of Dec
A.D. 1963, at 11 o'clock PM

[Signature]
County Clerk and Recorder

By [Signature]
Deputy

File No. _____

GW# _____

T. 30 N R. 20 W 16
County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

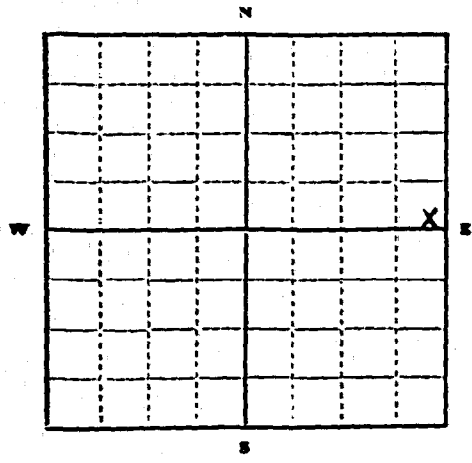
RECEIVED
JAN 6 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

ENGINEER

1. Frank Ellman (Name of Appropriator) of Rt 1A 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:



SE 1/4 NE Sec 16 T. 30 R. 20

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

2. The beneficial use on which the claim is based Home use Lawn + Stock Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948
CONTINUOUS USE

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 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
One-half Acre - Lawn

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Deep Well PUMP 2 ft North of Kitchen

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

8. The depth of water table 40 FE.

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" CASING
176 Feet

10. The estimated amount of groundwater withdrawn each year 20,000 Gal

11. The log of formations encountered in the drilling of each well if available
SAND + 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
NO RECORD

Signature of Owner Frank Ellman

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.

23235

11065

31 Dec
903342
JRM
R&H

File No. _____

GW 4

T 30 R 20

County FLATHEAD

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

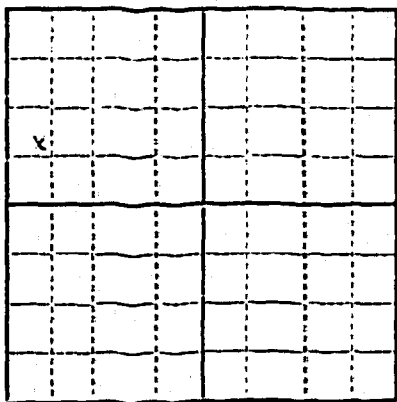
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. RENE J. FERNBAUGH of Box 719 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:



Log 3 T P A A A
1/4 Sec 16 T30 R20

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 OCTOBER - 1954
STEADY

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
NOT USED FOR IRRIGATION

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

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

8. The depth of water table 30 FOOT ESTIMATE

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 40 FOOT DEEP 6 INCH CASING

10. The estimated amount of groundwater withdrawn each year 21,900 GALLONS

11. The log of formations encountered in the drilling of each well if available
NONE 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 PAGE 395 - NINE S

Signature of Owner Rene J. Fernbaugh

Date Dec 23 - 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.

~~10/17~~
10, 197

COUNTY OF MONMOUTH, N.J.
CLERK OF SUPERIOR COURT

Filed on the 26th day of Dec
A. D. 1963 at 10⁴⁵ o'clock A. M.

ABM
County Clerk and Recorder
By *J. J. H.* Deputy

14,797

STATE OF MONTANA }
COUNTY OF FLAKEAD; SS

Filed on the 27th day of June
A. D. 1973 at 1:20 o'clock P.M.

DNJ

County Clerk and Recorder

[Signature]

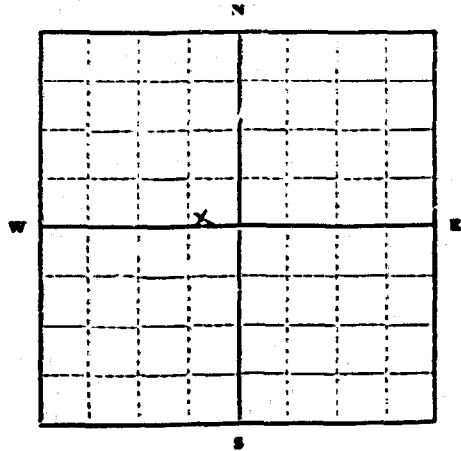
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 6 1964
ENGINEER

1. Mary E. Loeffler of Rte. 1 A 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:



NW 1/4 Sec. 16 T. 30 R. 20

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, stock and garden
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. August 1948 continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 20 gallons per minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. not applicable
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. August 10, 1948 Completed August 11, 1948
- 8. The depth of water table. 23 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. 6" I.D. 32 feet total depth
- 10. The estimated amount of groundwater withdrawn each year. 365,000 gallons
- 11. The log of formations encountered in the drilling of each well if available. 0 to 28 feet Hard pan
28 to 32 feet Cemented gravel and water.
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. Not applicable

Signature of Owner Mary E. Loeffler
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.

10507

30 Dec
1963
Glen E. Mulhouse
County Clerk and Recorder
By Keith Deputy

14,752

STATE OF MONTANA)
COUNTY OF PLAINFIELD; SS

Filed on the 28 day of June
A. D. 1923 at 10¹⁵ o'Clock AM

MT
County Clerk and Recorder
By L L W Clerk

File No. _____

JW 4

T. N. W. R. _____

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964

Declaration of Vested Groundwater Rights

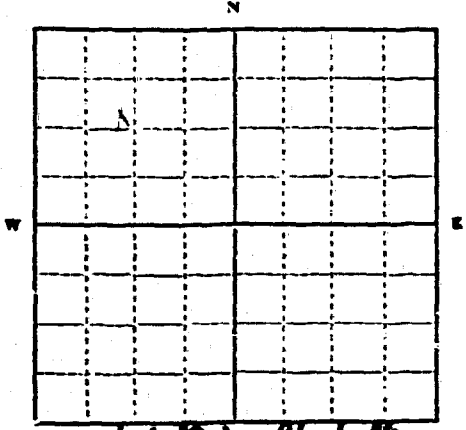
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Faust of Marvel Luce and Norman or Luce Schiele 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:



Lot #2 in Block #4
1/4 of Sec 16 T 20R 20W

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

2. The beneficial use on which the claim is based for household use and lawn and garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1955 continuous

4. The amount of ground-water claimed (in miner's inches or gallons per minute) 20 G.P.M.

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 Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced January 26, 1955 - Completed February 9, 1955

8. The depth of water table 48 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 8 inch I.D. casing total depth 80 feet

10. The estimated amount of groundwater withdrawn each year 1,000,000 gallons

11. The log of formations encountered in the drilling of each well if available 0 to 6 ft sand silt - 6 to 70 ft hard pan and coalescences - 70 to 80 ft cemented gravel and water

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

Signature of Owner Norman Schiele
Marvel Luce

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.

10494

PAID BY BANK OF AMERICA

70 Dec

63-215

Henry E. McElhane

Country Clerk and Recorder

Chick

D. 0017

GW File No. _____

7 30 11. 20 11. 16

County Flathead

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
Office Of State Engineer

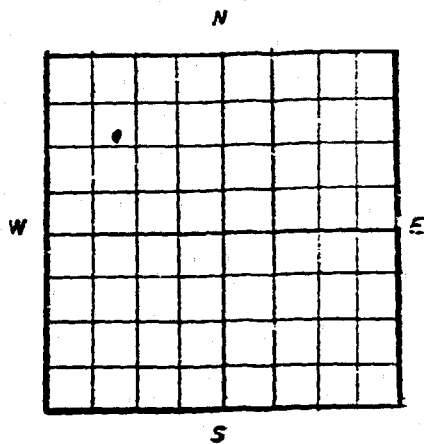
DUPLICATE

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chap. 237 Mont. Session Laws, 1961)

STATE ENGINEER

1. EDNA J. MANSFIELD, of Etc. 1-A COLUMBIA FALLS, MONTANA
name of appropriator address town
County of FLATHEAD State of MONTANA

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



NwNw 1/4 S16 T30 R20

indicate point of appropriation & place of use. Each square indicates 10 Acres.

2. The beneficial use on which the claim is based Household Use-Lawn Sprinkling

3. Date or approximate date of earliest beneficial use; and how continuous the use has been February 24, 1961
Continuous use year round

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1200 gallon per Hour

5. If used for irrigation, give 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 location of each well or other means of withdrawal Electric submersible pump

7. Date of commencement & completion of construction of well, wells, or other works for withdrawal of groundwater Feb. 13, 1961 - Completed February 16, 1961

8. Depth Of Water Table 77 feet. Water level 47 feet.

9. As it may be available, type, size, depth of each well or general specification of any other works for withdrawal of groundwater Driller with churn drill using 7" OD Casing, Welded joints 20 pounds per foot. No screen. No perforations.

10. Estimated amount of groundwater withdrawn each year 220,000 approx. gallons.

11. The log of formations encountered in drilling each well (if available) _____

12. Other information useful in carrying out policy of this act, including Book & Page of any county record _____

Signature _____
(owner)

Date July 24, 1962

3 copies to be filed by owner with clerk & recorder in county where well is located. Please answer all questions. If not applicable, so state.

Original to Co. Clerk & Recorder; Duplicate to State Engineer; Triplicate to School of Mines and Quadruplicate for the Appropriator.

WATER WELL LOG
EDNA J. MANSFIELD
COLUMBIA FALLS, MONTANA
FEBRUARY 13, 1961.

Drillers: Olson & Justin Columbia Falls, Montana

Date Started February 13, 1961. Completed February 16, 1961.

Drilled with churn drill for domestic purposes using 7" OD Casing, 20 lbs. per foot.
with welded joints. No Screen. No perforations.

Static water level 47 feet from ground surface on February 16, 1961.

Cased to 77 feet from ground surface.

Bladed at 1200 GPM with no draw down.

Pump set with 63 feet of 1" pipe.

FORMATION LOG.

0 to 32 feet hard packed gravel and cobble stones.

32 to 46 feet Brown silt.

46 to 50 feet Dark silt.

50 to 61 feet Gray hard pan.

61 to 77 feet Brown hard pan.

77 feet to water bearing gravel & sand.

rs/ Olson & Justin- Drillers.
Columbia Falls, Montana

9383

STATE OF MONTANA
COUNTY OF FURBER
Filed on the 1 day of Aug
A.D. 1962 at 2³³ o'clock P.M.
DEM
County Clerk and Recorder
By *p* Deputy

GW 4

T 30N R 20W 16

County Flathead

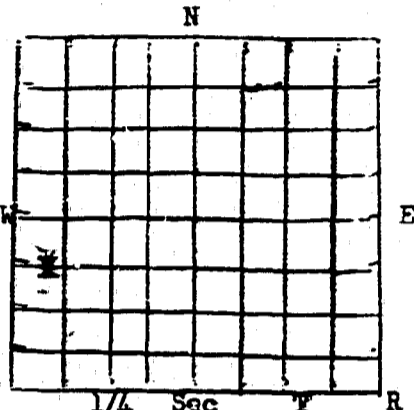
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 21 1963

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Albert N. Overton, of 4737 Harrison Avenue, Butte
(Name of Appropriator) (address) (Town)
County of Silver Bow, State of Montana, have appropriated groundwater according to the Montana Laws in effect prior to January 1, 1962, as follows:



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

W 1/2 NW 1/4 SW 1/4 Sec. 16 T.30 N., R.20 W.

- 2. The beneficial use on which the claim is based
Household and Domestic
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been
June, 1959 - Use continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)
All water from well.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal

Well and pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Completed June 1959
- 8. The depth of water table Approximately 35 ft.
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Well is 3 feet in diameter and approximately 45 feet deep.
- 10. The estimated amount of groundwater withdrawn each year Do not know
- 11. The log of formations encountered in the drilling of each well if available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Albert N. Overton
Albert N. Overton
Date July 25, 1963

STATE OF MONTANA)
COUNTY OF SILVER BOW) ss

ALBERT N. OVERTON having first been duly sworn, depose and say that he is of lawful age and is the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the person whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters therein stated are true.

Albert N. Overton
ALBERT N. OVERTON

Subscribed and sworn to before me, this 25th day of July, 1963
Notary public for the State of Montana, residing at J. E. CORBETT, III
Butte, Montana Commission expires 1/31/65

(NOTARIAL SEAL)

9825

STATE OF MONTANA / SS
COUNTY OF FLATHEAD

Filed on the 12 day of Aug
A. D. 1963 at 9:30 o'clock A.M.

BEM
County Clerk and Recorder

By M. J.
Deputy