

1299

219757

Copy

I received and filed this instrument for
 record on the 3rd day of April, 1969
 at 11:00 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BEJNER, County Recorder
 By Lara Bejner Deputy
 Fee 2.00 Paid

RECORDED
 APR 10 1969
 MISSOULA, MONTANA

State of Montana
 Missoula County
 1299

2511

333751

I received and filed this instrument for record on the 21 day of June 19 23 at 3:00 o'clock P. M., permanent files of Missoula County, State of Montana

Witness my hand:
 Dorothy L. Head, County Recorder
 By Maureen Kelly, Deputy
 Fee \$ 20.00 Paid

THIS INSTRUMENT IS SUBJECT TO THE FOLLOWING CONDITIONS:
 1. THE INSTRUMENT IS SUBJECT TO THE TERMS AND CONDITIONS OF THE INSTRUMENT IT REFERS TO.
 2. THE INSTRUMENT IS SUBJECT TO THE TERMS AND CONDITIONS OF THE INSTRUMENT IT REFERS TO.

Indexed Indexed Other Other Other Other
 Water Use Domestic Municipal Stock Judicial
 Edible Seed Other Other Other Other
(Check one or more boxes)

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE MONTANA WATER RESOURCES BOARD

RECEIVED

DRILLER'S LOG

NOV 1 1971

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

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Varnen Earl Wheeler

Address Albarten, Montana

Date well started Oct. 1971

completed Oct. 1971

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

Equipment used Churn Drill (Churn drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

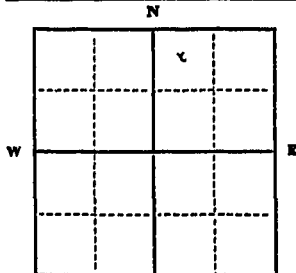
Industrial Drainage Other * Garden/Lawn

*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

Table with columns for Size of Drilled Hole, Size and Weight of Casing, From (Feet), To (Feet), and PERFORATIONS (Kind Size, From (Feet), To (Feet)).



Static water level 53.5 ft.* Pumping water level 110 ft.* at 15 gallons per minute, measured 60 minutes after pumping began.

N.W. 1/4 N.E. 1/4 Sec. 12 T. 14 N. R. 23 E. S. W

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

Driller's Signature Eugene G. Kane Driller's Address St. Regis, Montana

LICENSE NO. 25

Log table with columns for From (Feet) and To (Feet). Entries include: 0-12 Rock, Gravel; 12-20 fine sand, gravel; 20-42 clay, fine sand; 42-130 fine sand, seepage; 130-150 coarse sand, clay; 150-158 gravel, water.

158 Show exact depth of bottom

49296

#2194

308863

I received and filed this instrument for
 record on the 22 day of Oct, 1971
 at 2:00 o'clock P.M. permanent files
 of Missoula County, State of Montana
 Witness my hand
 Vernar A. Greene, County Recorder
 By Maureen Buckley Deputy
 Fee \$ 2.00 cash paid

Handwritten notes:
 10/22/71
 308863
 2194

COPIES OF THIS RECORD ARE AVAILABLE TO THE PUBLIC AT THE FOLLOWING OFFICES:

National State County City District Federal
 Alaska Arkansas California Colorado Connecticut Delaware
 Florida Georgia Hawaii Idaho Illinois Indiana Iowa
 Kansas Kentucky Louisiana Maine Maryland Massachusetts
 Michigan Minnesota Mississippi Missouri Montana Nebraska
 Nevada New Hampshire New Jersey New Mexico New York
 North Carolina North Dakota Ohio Oklahoma Oregon
 Pennsylvania Rhode Island South Carolina South Dakota
 Tennessee Texas Utah Vermont Virginia
 Washington West Virginia Wisconsin Wyoming

Alaska Arkansas California Colorado Connecticut Delaware
 Florida Georgia Hawaii Idaho Illinois Indiana Iowa
 Kansas Kentucky Louisiana Maine Maryland Massachusetts
 Michigan Minnesota Mississippi Missouri Montana Nebraska
 Nevada New Hampshire New Jersey New Mexico New York
 North Carolina North Dakota Ohio Oklahoma Oregon
 Pennsylvania Rhode Island South Carolina South Dakota
 Tennessee Texas Utah Vermont Virginia
 Washington West Virginia Wisconsin Wyoming

Alaska Arkansas California Colorado Connecticut Delaware
 Florida Georgia Hawaii Idaho Illinois Indiana Iowa
 Kansas Kentucky Louisiana Maine Maryland Massachusetts
 Michigan Minnesota Mississippi Missouri Montana Nebraska
 Nevada New Hampshire New Jersey New Mexico New York
 North Carolina North Dakota Ohio Oklahoma Oregon
 Pennsylvania Rhode Island South Carolina South Dakota
 Tennessee Texas Utah Vermont Virginia
 Washington West Virginia Wisconsin Wyoming

GROUNDWATER INDEX

County Massena Twp. 147 Rge. W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
4	Russell, Myrtle	MW3	21501	
5	Hawkins, V.E.	MW2	266516	
7	Duke, C. Calvin	MW2	31385	
7	Winters, Linnell, Virginia M. &	MW2	28880	
7	Keely, Brothers	MW2	25247	
7	Keely, Brothers	MW2	25248	
7	L.M. Stewart	MW2	197480	
7	Sweeney, Robert D.	MW2	27072	
8	Mundy, Ernest & Betty	MW2	29775	
8	McKirdy, Clara J.	MW2	316374	
8	Olsen, Olander A.	MW2	280531	
8	Stamper, Phil & Edith	MW2	323070	
8	Theriacult, Ford W.	MW1	294040	
8	Theriacult, Ford W.	MW2	294041	
23	Heller, Daniel L.	MW2	256585	
?	Sanitation, Wm. S.	MW3	1281	see p. 33
8	Stevenson, John R. and Coemer, John E.	?	303014	

Cut to
 slide to
 position
 field in
 sharp
 Press a
 Report

GWS

File No. _____

DUPLICATE

T. 14^N R. 22^W 4
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963

Notice of Completion of Groundwater Appropriation Without Well ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater _____

Owner Myrtle M. Russell Address Alberton Montana

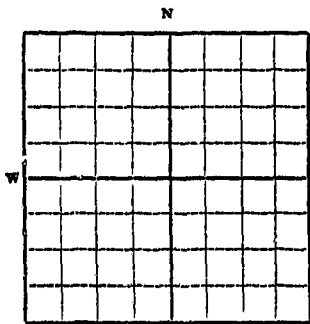
Contractor (if any) _____

Address of Contractor _____

Date Started _____ Date Completed _____

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

by flume, ditches, pipes & natural processes from Tank Creek which flows northwesterly thru Sec. 4 - T. 14 - R. 22 to Clark Fork River



LOTS
7-10

108 acres
1/4 Sec. 4 T. 14 R. 22

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

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

use for stock, irrigation, all household purposes of undetermined amounts & flows continuously.

Signature of Owner Myrtle M. Russell

Date _____

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

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

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

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

645

215101

Copy
I received and filed this instrument for
record on the *16* day of *Dec* 19*65*
at *11:20* o'clock *A.M.*, permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BRINEA, County Recorder
By *[Signature]* Deputy
Fee \$ *2.00* Paid

File No. _____

DUPLICATE

MONTANA WATER RESOURCES BOARD

RECEIVED

DEC 14 1967

T. 14N R. 22W

County Missoula

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground Approx. (Elev. above sea level) 3300'

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

(Under Chapter 237, Montana Session Laws, 1961)

Formations Log:

- 0 - 6 Badly fractured red & yellow rock.
6 - 63 Maroon colored rock.
63 - 105 Red & maroon colored rock with thin alternate layers of pale green rock.
105 - 137 Pale green & light gray rock in alternate layers.
137 - 151 Light green & maroon rock in alternate layers.

Owner Mr. W. E. Hainline Address Missoula, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

Date well started 10/14/67 Date completed 10/19/67

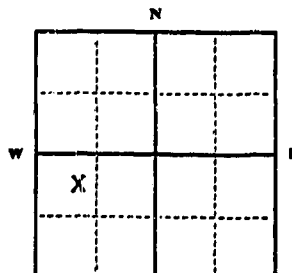
Type of well Drilled Equipment used Air Rotary

Water use: Domestic [checked] 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.

Table with columns: Size of Drilled Hole, Size and Weight of Casing, From (Foot), To (Foot), PERFORATIONS (Kind Size, From (Foot), To (Foot)).

Water rises in the well 89 feet from surface.



A tract of Land

SW 1/4 Sec. 5 T. 14N. 22W. Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 89 feet.

Shut-in Pressure for Flowing Well none.

Pumping Water Level 140 feet at 20 gal. per minute.

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

How Tested Pump test Length of Test Four hour

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well is coming from cracks and seams in the rock.

(Continue on reverse side)

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

Domestic Use and Stock Water and for 1/4 Acre Lawn etc.

Show exact depth of bottom. Bottom of hole 151'

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

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

Driller's License Number 52

Driller's Signature William E. Osborne

42,651

1764

266516

I received and filed this Instrument for
record on the 12 day of Dec 19 69
at 2:00 P.M. permanent files
of Missoula County, State of Montana
Witness my hand:
Veranna R. C. [unclear] County Recorder
By Glenn J. Mann Deputy
Fee \$ 2.00 Paid cash

RECEIVED

GW 2 Revised 1969
STATE PUBLISHING COMPANY

MAR 7 1972

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.

Lena Francis and

Owner **C. Calvin Duke**

Address **Alberton, Montana 59820**

Date well started **9/30/71**
completed **10/11/71**

For Administrator's Use	
File #	2239, 313395
Date	March, 1972 11:40 pm
GW #	GW 1

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

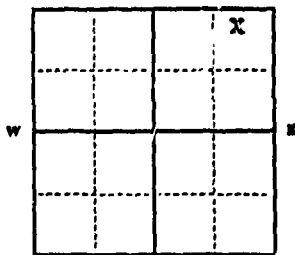
Equipment used **Cable Tools and Air Rotary**
(Cable drill, rotary or other)

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

*Describe
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). **Pondosa Acres - Lot 32**

ESTIMATED ANNUAL WITHDRAWAL **5,256,000**

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	APPROPRIATIONS		
				Kind	From (Feet)	To (Feet)
6"	6 5/8" OD by 1/2"	+2'	251'	NONE		



NE 1/4 NE 1/4 Sec. 7
T. 14 N. R. 22 W. **XR**

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

Driller's Signature **W. H. ...**
Driller's Address **2500 Reserve**

Missoula, Montana 59801 LICENSE NO. **52**

Indica
ness c
gravel
depth
height

Top of Ground

From (Feet)	To (Feet)
0	5
5	9
9	14
14	37
37	51
51	60
60	67
67	71
71	100
100	108
108	125
125	132
132	138
138	147
147	153
153	155
155	175
175	186
186	189
189	195
195	197
197	223
223	235
235	240
240	250
250	255
255	270
270	284
284	291
291	315
315	317
317	339
339	349
349	367
367	369
369	380
380	394
394	427
427	435
435	448

(Con't)
551'

Water rises 1 surface.

313395

313395

Received of *W. H. P. Murdona*
 the sum of *1.00* Dollars
 for *Missouri County State & Admin*
 With my hand
 Vincent H. Brown, County Recorder
 By *Charles G. Murdona*, Deputy
 Fee *\$2.00* Paid

(Cont'd) and same in the rock below 537 feet.

Driller's Log Continued
 448 448 Plak rock
 458 458 Green rock
 466 494 Gray-green rock
 494 498 Plak rock
 498 518 Green rock
 518 526 Plak rock
 526 529 Green rock
 529 534 Gray-green rock
 534 551 Plak rock. 10 GPM Total

File No.

MONTANA WATER RESOURCES BOARD

T. 14 R. 22

DUPLICATE

RECEIVED

County Missoula

LOG

JUL 11 1969

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level _____)

5'	sandy soil
14'	clay, sand and gravel
37'	fine sand and water
4'	gravel, sand and water

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

(Under Chapter 237, Montana Session Laws, 1961)

Lincoln H. or

Owner Virginia M. Hector Address Alberton

Driller Kane Water Well Drilling Address St. Regis

Date of Notice of appropriation of groundwater 6/69

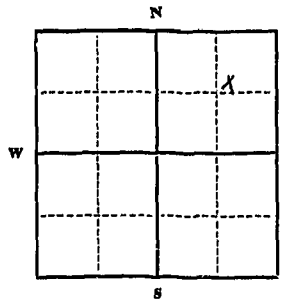
Date well started 6/9/69 Date completed 6/10/69

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" id	6 x .250	0 ft	60	does not apply		



Static Water Level for non-flowing well 17 feet.

Shut-in Pressure for Flowing Well X

Pumping Water Level 17 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well X

How Tested bailed and pumped

Length of Test til clear

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

Lot 8, Ponda Rosa Acres

N 1/4 NE 1/4 Sec. 7 T. 14 R. 22
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

5 acres

Show exact depth of bottom.

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

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

23
Driller's License Number

Eugene H. Kane
Driller's Signature

45428

1913

282880

I received and filed this instrument for
 record on the 7th day of July 1913
 at 11:00 o'clock A.M. permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Vermae R. Crouse, County Recorder
 By *M. C. Thompson* Deputy
 Fee \$2.00 Paid *dit*

RECORDED
 MISSOULA COUNTY, MONTANA

State of Montana
 Recorder's Office
 Missoula, Montana

GW 2

STATE WATER CONSERVATION BOARD

Approved Stock Form—State Publishing Co., Helena, Montana—42325

File No.

JUL 29 1966

T. 14 N. R. 22 W. 7

DUPLICATE

Billie _____ McDermott _____
Butzerin _____ McNulty _____
Coyla _____ Morton _____
Darlington _____ Sullivan _____
Dickert _____

County Missoula

LOG

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
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)



22' gravel and clay
66' water and fine sand
81' gravel, coarse sand and water

Owner Reely Bros. Address P.O. Box 1173 Hsla

Driller Kane Water Well Drilling Address St. Regis

Date of Notice of appropriation of groundwater..... 7/24/66

Date well started..... 7/25/66 Date completed..... 7/30/66

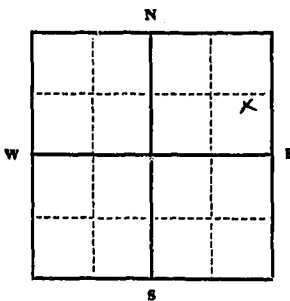
Type of well..... drilled Equipment used..... churn
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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		
				Kid Size	From (Feet)	To (Feet)
6" id	6" x .250	0	96	does not apply		

Lot 5
Panda Rosa
Acres



Static Water Level for non-flowing well 16 feet.
Shut-in Pressure for Flowing Well..... x
Pumping Water Level..... 23 feet
at..... 30 gal. per minute.
Discharge in gal. per min. of flowing well x

How Tested..... bailed and pumped
Length of Test..... 3 hours
Remarks: (Gravel packing, cementing, packers, type of shutoff).....

NE 1/4 Sec. 7 T. 14 N. R. 22 W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

96' Show exact depth of bottom.

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

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

Driller's License Number 27

Driller's Signature Langdon H. Kane

1629

252457

I received and filed this Instrument for
 record on the 26 day of July 1966
 at 11:20 o'clock A.M. permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Vermaas R. Cigusa, County Recorder
 By W. J. Conroy Deputy
 Fee \$ 2.00 P. O. Palouse

2014-10-10 10:10 AM
 Missoula County Recorder's Office
 1000 Broadway
 Missoula, MT 59802
 Phone: (406) 541-2222
 Fax: (406) 541-2223
 Email: recorder@missoulacounty.mt.gov

File No. STATE WATER CONSERVATION BOARD

T. 14 R. 22

DUPLICATE

JUL 29 1966

County Missoula

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner R. E. L. BROS. Address Missoula,

Driller Kane Water Well Drilling Address St. Regis

Date of Notice of appropriation of groundwater 3/24/66

Date well started 4/1/66 Date completed 4/4/66

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

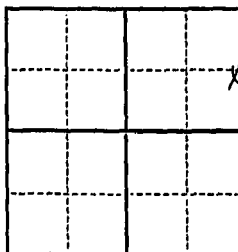
Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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.

Top of Ground
(Elev. above sea level)
35' clay and gravel
52' clay, fine sand and some water
7' coarse sand, gravel and water

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" id	6" x .250 0		94	does not apply		

Lot 38
Panda Rosa
R. 22



Static Water Level for non-flowing well 37 feet.

Shut-in Pressure for Flowing Well %

Pumping Water Level 42 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well %

How Tested bailed and pumped

Length of Test 3 hours

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

N.E. 1/4 Sec. 7, T. 14 R. 22
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

94 Show exact depth of bottom.

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

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

23
Driller's License Number

Eugene S. Stone
Driller's Signature

6630

252458

I received and filed this instrument for
record on the 26 day of July 19 66
at 11 25 o'clock P.M. Government files
of Missoula County, State of Montana
Witness my hand:
Vermae H. C. Coe, County Recorder
By *M. M. Stenmark* Deputy
Fee \$ 2.00 *Raid*

2016-07-26 11:25 AM
Missoula County Recorder's Office
Missoula, MT

RECEIVED

County Missoula

8

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

DEC 15 1970

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.

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

(Under Chapter 227 Montana Session Laws, 1961, as amended)

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

Owner Ernest & Betty Handy

Address Alboston, Montana

Ponderosa Acres

Date well started July 1970

completed July 1970

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Crown Drill

(Crown drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

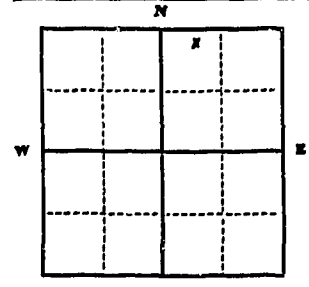
Industrial Drainage Other Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casings	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
6" 24	6 x .280	0 - 5'	167	XXXXXXXXXXXXXXXX		



N.W. 1/4 N.W. 1/4 Sec. 8
T. 14 N. R. 22 E.
S

Static water level 125 ft.*
Pumping water level 135 ft.*
at 10 gallons per minute,
measured 120 minutes after pumping
began.
*Measured from ground level.
Well developed by ball pack
for 3 hours.
Power 220 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 Ernest S. Kane

Driller's Address Sto Regis, Montana

Top of Ground (Elev. above sea level)	
From (Feet)	To (Feet)
0	40
40	50
50	135
135	167

sand, gravel
sand-clay mix
fine sand
coarse sand, gravel,
water

47905

3272 310374
I received and filed this instrument for
record on the 10th day of May 1978
at 11:00 a.m. in the County Clerk's office
in the State of Montana
Witness my hand
Vernon R. Craig County Recorder
By *[Signature]*
For *[Signature]* Paid

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

RECEIVED

JUN 9 1972

MONTANA DEPARTMENT OF NATURAL
RESOURCES AND CONSERVATION

Owner Mr. Henry McKirdy
Address 4215 Rainbow Drive, Missoula
Location T. R. Sec.
Doc. No. 2272, 316374

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

Special Instructions:

Please provide, as indicated in red on the attached form, the complete location of the well by township, range and section. NW 1/4 SEC. 8, T-14N, R-22W.

Thank you.

Is this the only information necessary to establish water rights in regards to this well + my needs? Thank you

H. McKirdy

RECEIVED
JUL 9 1962

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
MONTANA DEPARTMENT OF NATURAL RESOURCES
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner James H. Miller
Address 2125 Arrow Hwy
Helena, Mont
Date well started May 8, 1962
completed 11:00 a.m.

For Administrator's Use
File 9272, 316374
May 8, 1962, 11:00 a.m.
GW 1

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

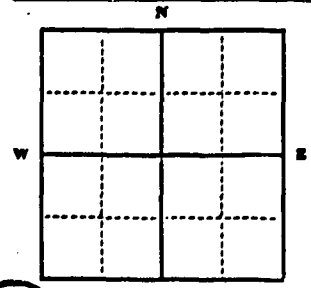
Equipment used drill
(Chain drill, rotary or other)

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

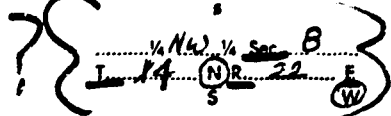
*Describe
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind	From (Foot)	To (Foot)
6" I.D.	2 1/2" x 20' galv corr galv	0	100	none		



Static water level 100 ft.*
Pumping water level 100 ft.*
at 10 minutes after pumping began.
*Measured from ground level.
Well developed by drill for 10 hours.
Power 10 Pump 10 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 James H. Miller
Driller's Address 2125 Arrow Hwy

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 (Foot)	To (Foot)
0	100
100	200
200	300
300	400
400	500
500	600
600	700
700	800
800	900
900	1000
1000	1100
1100	1200
1200	1300
1300	1400
1400	1500
1500	1600
1600	1700
1700	1800
1800	1900
1900	2000
2000	2100
2100	2200
2200	2300
2300	2400
2400	2500
2500	2600
2600	2700
2700	2800
2800	2900
2900	3000
3000	3100
3100	3200
3200	3300
3300	3400
3400	3500
3500	3600
3600	3700
3700	3800
3800	3900
3900	4000
4000	4100
4100	4200
4200	4300
4300	4400
4400	4500
4500	4600
4600	4700
4700	4800
4800	4900
4900	5000
5000	5100
5100	5200
5200	5300
5300	5400
5400	5500
5500	5600
5600	5700
5700	5800
5800	5900
5900	6000
6000	6100
6100	6200
6200	6300
6300	6400
6400	6500
6500	6600
6600	6700
6700	6800
6800	6900
6900	7000
7000	7100
7100	7200
7200	7300
7300	7400
7400	7500
7500	7600
7600	7700
7700	7800
7800	7900
7900	8000
8000	8100
8100	8200
8200	8300
8300	8400
8400	8500
8500	8600
8600	8700
8700	8800
8800	8900
8900	9000
9000	9100
9100	9200
9200	9300
9300	9400
9400	9500
9500	9600
9600	9700
9700	9800
9800	9900
9900	10000

File No.

T.

DUPLICATE

County... Nisusola

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground	(Elev. above sea level.....)
14'	clay and gravel
56'	sand, gravel, clay and small boulders
11'	clay
8'	fine sand and water
9'	sand, gravel and clay
5'	sand, gravel and water
96'	Show exact depth of bottom.

Owner... Raider A. Olson Address... Albertson

Driller... Kane Water Well Drilling Address... St. Regis

Date of Notice of appropriation of groundwater... 9/68

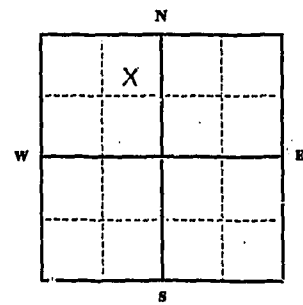
Date well started... 9/68 Date completed... 9/68

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" id	6 x .250	0	96	does not apply		



Static Water Level for non-flowing well 74 feet.

Shut-in Pressure for Flowing Well... x

Pumping Water Level... 76 feet at 20 gal. per minute.

Discharge in gal. per min. of flowing well x

How Tested... bailed and pumped

Length of Test... til clear

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

NE 1/4 NW Sec. 8, T14N, R22W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

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

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

Driller's License Number

Eugene H. Kane
Driller's Signature

45,166

1874 280531

I received and filed this instrument for record on the 21 day of April 19 67 at 1:00 o'clock P.M. permanent file of Missoula County, State of Montana
Witness my hand:
Verma R. Couse, County Recorder
By *[Signature]* Deputy
Fee \$ 2.50

MONTANA WATER RESOURCES BOARD
RECEIVED
APR 23 1967

State of Montana
George H. Tolson, Director
Montana Water Resources Board

RECEIVED

County Missoula 8

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

OCT 18 1972

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.

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 Phil & Edith Sanford

Address Mountain Meadows
Alberton, Montana

For Administrator's Use	
Lot # <u>2352</u>	323070
Date <u>Oct 10, 1972</u>	12:05 p.m.
GW 1	

Date well started 9/72

completed 9/72

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

Equipment used Churn Drill
(Churn drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

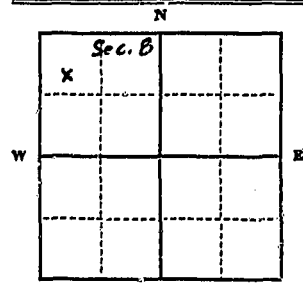
Industrial Drainage Other * Garden/Lawn

*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 Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" id	250 x 6" S	4	151	does not apply		



Static water level 105 ft.*
Pumping water level 105 ft.*
at 27 gallons per minute,
measured 120 minutes after pumping began.

*Measured from ground level.
Well developed by bail & pump
for 3 hours.

Power 220 Pump 1 1/2 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

NW 1/4 NW 1/4 Sec 8
T. 14 N R. 22 E

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

Driller's Signature Eugene J. Kane

Driller's Address St. Regis, Mont

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
0	5	Dug pit
5	35	fine sand
35	45	fine sand, pea gravel
45	105	fine sand, clay
105	151	sand, gravel, water

2352 323070

I received and filed this instrument for
record on the 10 day of Oct 19 72
at 12:05 noon P. M. permanent files
of Missoula County State of Montana
Witness my hand
Veranna A. Crouse, County Recorder
By Deputy
For: Clerk

MISSOULA COUNTY RECORDS

INDEXED	SERIALIZED	FILED	DATE	CITY

FILED	INDEXED	SERIALIZED	FILED

FILED	INDEXED	SERIALIZED	FILED

File No.

T. 14 N R. 22 W
County MISSOULA

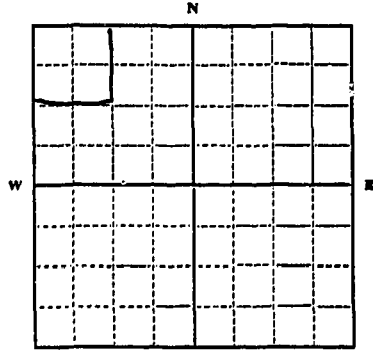
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

- I, Fred W. Theisart, of Box 176 Albertain
(Name of Appropriator) (Address) (Town)
County of MISSOULA, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.
- The beneficial use to which water is to be applied is Domestic Garden Lawn
(describe lands to be benefited, if for irrigation)
- The rate of use in gallons per minute or miner's inches of groundwater claimed 3.0
- The annual period (inclusive dates) of intended use 7-11-70 to 8-5-70
- The probable or intended date of first beneficial use 8-5-70
- The probable or intended date of commencement and completion of the well* or wells* 8-5-70
- The location, type, size and depth of well or wells contemplated Size 6" I.D.
Depth 152'
- The probable or estimated depth of the water table or artesian aquifer 125'
- Name, address and license number of the driller engaged S.A.M. Co. 11 Drillers
St. Regis Montana # 23
- Give such other similar information as may be useful
in carrying out the policy of this act.....



Doc. No. 274040
Filed for record
this 18 day of August
A. D. 19 70, at 2:05
o'clock P.M.

NW 1/4 Sec. 8 T. 14 N. R. 22 W.
Locate well or other means of
development as accurately as
possible on the plat.
Signature of Appropriator F. W. Theisart
Date 8-5-70

* As defined in the Code Sec. 1 (e) "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.

47381

2030

294040

I received and filed this return with the
record on the 18th day of Aug 1970
at 2:25 o'clock P.M. before me
or Meador, County, State of Missouri.
Witness my hand.
Notary Public, Meador County, Missouri
By Dorita A. Running
Fee \$2.00 cash Paid

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.

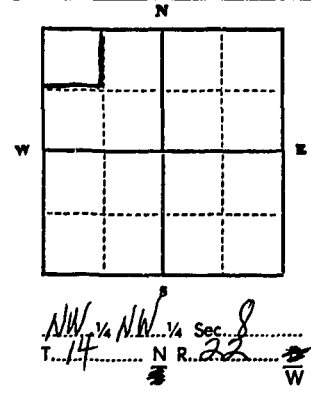
Owner F. W. B. H. Soreault
Address Alberton, Montana
Kondosco area
Date well started July 1970
completed July 1970
Type of well drilled
Equipment used Churn Drill
Water Use: Domestic Municipal Stock Irrigation
Industrial Drainage Other Garden/Lawn

For Administrator's Use
File 294041
August 18, 1970
2:10 P.M.
GW 294040
August 18, 1970
2:05 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)
6" id	6 x .210	0	152	does not apply		



Static water level 125 ft.*
Pumping water level 125 ft.*
at 20 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by ball & pump
for 2 1/2 hours.
Power 220 Pump 1 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0	22	acrid soil
22	46	sand & gravel
46	49	brn clay
49	90	sand
90	113	brn clay
113	122	acrid, dry sand, gravel
122	128	fine sand with water
128	149	coarse sand with water
149	152	gravel & water

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

Driller's Signature [Signature]
Driller's Address St. Regis, Montana

LICENSE NO. 33

152 Show exact depth of bottom

47384

3031

294041

I received and on this Instantly in-
 record of 18 of Aug 70
 at 2.10 o'clock P.M. of the title
 of Mobile County of Alabama
 With & my name
 Karama J. C. County Register
 By *Doretta A. Bynum* Deputy
 Fee \$ 2.00

STATE OF MONTANA
COUNTY OF MISSOULA
RECEIVED

MAY 27 1971

NOTICE OF APPROPRIATION

Doc. No. 303014 8
Filed for record
this 25 day of May
A. D. 19 71, at 4:05
o'clock P.M.

14N-22W

STATE OF MONTANA }
COUNTY OF MISSOULA } ss.

TO ALL WHOM THESE PRESENTS MAY CONCERN:

BE IT KNOWN, That JOHN R. STEVENSON and JOHN E. ROEMER, of Missoula, in said County and State, do hereby publish and declare, as a legal notice to all the world, as follows, to-wit:

That they have a legal right to the use, possession and control of and claim the natural flow of approximately 25 inches of water miner's measure, of a certain spring located in the SE 1/4 of Section 8, Township 14 North, Range 22 West, M.P.M. Missoula County, Montana, for irrigating and other purposes.

That the purpose for which said water is claimed, and the place of intended use is for domestic use in the S 1/2 of the SW 1/4 and the S 1/2 of the SE 1/4 of said Section, Township and Range, save and except that portion thereof owned by William J. Hauck.

That the means of diversion is a head box and plastic pipe, two inches in size which carries water from said spring to building sites situated on said aforementioned property.

That Ruben LeBaron appropriated and took water from said spring during the year 1905 by means of a wooden flume, and used the same for irrigation and domestic purposes upon the above described property. That on or about the 9th day of May, 1971, JOHN R. STEVENSON and JOHN E. ROEMER, appropriated and took said water previously appropriated and used by the said Ruben LeBaron.


That the names of the appropriators of said water are JOHN R. STEVENSON and JOHN E. ROEMER. That they also hereby claim a right of way for said plastic pipe and for said water by it conveyed or to be conveyed from the said point of appropriation to the land and points of final discharge, and also the right of location upon any lands, of any dams, flumes, reservoirs, constructed or to be constructed, by them in appropriating and using said water.

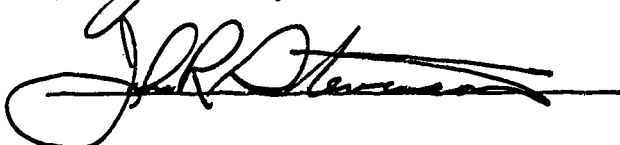
That they also claim the right to keep in repair and enlarge said means of water appropriation at any time, and the right to dispose of said water, ditch or said appurtenances in part or in whole at any time.

CLAIMING THE SAME ALL AND SINGULAR, Under any and all laws, National and State, and rulings and decisions thereunder, in the matter of water rights.

TOGETHER WITH ALL AND SINGULAR, the hereditaments and appurtenances therunto belonging or appertaining, or to accrue to the same.

WITNESS our hand at Missoula, Montana, this 9th day of May, 1971.





STATE OF MONTANA)
COUNTY OF MISSOULA) ss.

JOHN R. STEVENSON and JOHN E. ROEMER, having first been duly sworn, depose and say that they are of lawful age and are the appropriators and claimants of the water and water right mentioned in the foregoing notice of appropriation and claim, and the persons whose names are subscribed thereto as the appropriators and claimants; that they know the contents of said foregoing notice, and that the matters and things therein stated are true.

John E. Roemer
John R. Stevenson

Subscribed and sworn to before me, this 9th day of May,

1971.



Samuel A. Williams
Notary Public for the State of Montana
Residing at Missoula, Montana
My Commission expires: 9-20-72

393014

I received and filed this instrument for record on the <u>15th</u> day of <u>May</u> 1971 at <u>11:00</u> o'clock <u>P.</u> .M. and it is recorded in vol. <u>7</u> Records of the County of <u>Missoula</u> , State of Montana, on page <u>579</u> . Witness my hand: Vermae R. Crouse, County Recorder By <u>M. J. Crouse</u> , Deputy Fee \$ <u>4.00</u> P.O. <u>PAID</u> Return to <u>Missoula, Montana</u> Address <u>Samuel A. Williams</u>
--

NO SECTION

File No.

T. 14 N. R. 22 W. 20

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Spring 1949

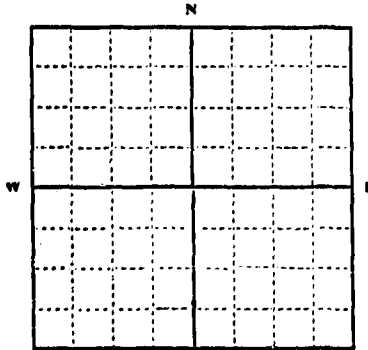
Owner Leonard Sandstrom Address Alberton, Montana
and Joyce B. Sandstrom

Contractor (if any)

Address of Contractor NONE

Date Started Fall 1948 Date Completed Spring 1949

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Obtain water from Peppard Gultch through a pipe to a sprinkler system. Water is from creek and spring.



..... 1/4 Sec. T. R.

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

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

estimate approximate lengths of periods of use. Uses about 100 gallons a minute during Spring runoff -- May, June and July -- 24 hours a day. In August, September and October uses all available water about 50 gallons a minute.

Signature of Owner Joyce B. Sandstrom Leonard Sandstrom

Date December 31, 1963

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

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

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

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

Missoula, SANDSTROM,
LEONARD SANDSTROM and JOYCE B. /

is
or she / are s

s
s she s are
or s

31st. December 63.

Missoula, Montana.
July 10th 65.

Lands irrigated are set forth below:

Lots 1, 2, 7 to 11, 16 and the N 1/2 SE 1/4 and
the SE 1/4 SE 1/4 of Section 5, Township 14 North
Range 22 West;

Lots 1, 5, the E 1/2 NE 1/4, the S 1/2 NW 1/4,
the SW 1/4 NE 1/4, the SW 1/4, W 1/2 of Section
8, Township 14 North, Range 22 West;

1/4, less right of way and river, Section 33,
Township 15, North, Range 22 West.

Copy

I received and filed this instrument
recording office of Missoula, Montana
of the County of Missoula, Montana
By *M. L. ...* County Recorder
Fee \$ *...*

1081

Mr. Leonard Sandstrom, Alberton, Montana

May 15, 1964

12/31/63

1281

from Peppard Gulch and creek

GROUNDWATER INDEX

County T. DuSable

Twp. 14

Sec.	Name of Appropriator	Type of Form
1	Cocoran, Antoinette	MW 3
same	Jacobson, Margaret	GW 3
1	CORCORAN, ANTOINETTE JACOBSON, MARGARET	GW 3
2	Baerlocker, Phillip M.	MW 4
2	Felstet, Duane A.	MW 2
2	Lucier, Lena W.	MW 4
3	Job, Robert M.	MW 2
3	Job, Robert M.	MW 2
11	Dreidt, John S.	MW 4
11	Peterson, Bob	MW 2
12	Soe, John	MW 4
13	Cardon, William H.	1957 Log
13	Louelle, Victor	MW 4
13	Muller, Marguerite	MW 4
13	Williams, Waldo W.	MW 4
13	Kramer, Jack (Sr.)	1957 Log
13	Hoerner, Waldorf	1957 Log
13	Hoerner, Waldorf	1957 Log
13	Hoerner, Waldorf	1957 Log
13	Hoerner, Waldorf	1957 Log
13	Hoerner, Waldorf	1957 Log
13	Williams, Waldo W.	1957 Log
24	Sursky, Bernard	MW 4
24	Kramer, Henry	1957 Log
24	LaCasse, Henry J.	MW 4
24	Horner, Waldorf	1957 Log
24	Horner, Waldorf	1957 Log
24	Horner, Waldorf	1957 Log
24	Horner, Waldorf	1957 Log
24	Horner, Waldorf	MW 20
24	Horner, Waldorf	MW 2
24	Horner, Waldorf	MW 2
24	Horner, Waldorf	MW 2
24	Horner, Waldorf	MW 2
24	Horner, Waldorf	MW 2
24	Horner, Waldorf	MW 1
24	Horner, Waldorf	MW 2
25	Dunfath, Warren	MW 4
25	Horner, Waldorf	MW 1
25	Horner, Waldorf	MW 1
25	Horner, Waldorf	MW 2
25	Horner, Waldorf	MW 2
25	Horner, Waldorf	MW 2
25	Horner, Waldorf	MW 2
25	Watkins, Fred	MW 4
36	Blue, Charles D.	MW 2

H
G
F
E

GW3

File No.

DUPLICATE

sw

T. 14 R. 21

County Missoula

RECEIVED
NOV 19 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner Antoinette Carcoran Address Frenchtown

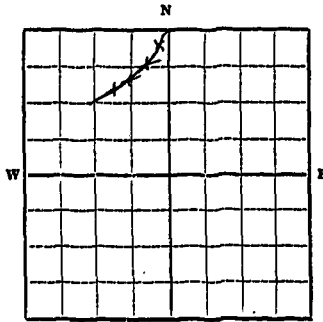
Contractor (if any)

Address of Contractor

Date Started..... Date Completed.....

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

natural Spring



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

.....

N.W. 1/4..... Sec. 1..... T. 14. R. 21.

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

Ample water for all stock the pasture will carry

Signature of Owner Antoinette Carcoran

Date 11/13/63

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

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

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

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

#321 copy 213071

I received and filed this instrument for
record on the 15 day of Nov, 1963
at 10:20 o'clock A.M. permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By Martin S. Behner
Fee \$ 2.00 Paid

GW 3

File No.

DUPLICATE

SW

T. 14^N R. 21^W

County. *Missoula*

RECEIVED
NOV 19 1963

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

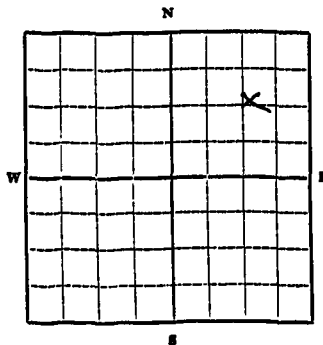
Owner *Antoinette Concoran* Address *Frenchtown*

Contractor (if any)

Address of Contractor

Date Started..... Date Completed.....

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



Natural Spring

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

N.E. 1/4 Sec. 1 T. 14 R. 21
Indicate point of appropriation and place of use, if possible.

estimate approximate lengths of periods of use

Ample water for all stock the pasture will carry

Signature of Owner *Antoinette Concoran*

Date *11/13/63*

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

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

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

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

copy

323

213074

I received and filed this instrument
record on the 15 day of Nov 1923
at 11:25 o'clock A. M. permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By Walter J. Peterson Deputy
Fee \$ 2.00 Paid

File No. _____

DUPLICATE

T. 14^N R. 21^W S. 2
County _____

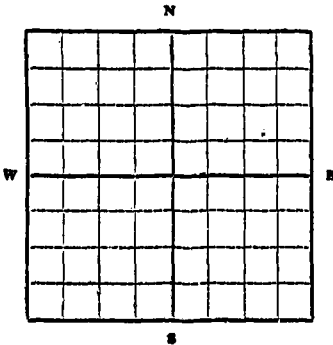
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
JAN 3 1964
STAIR

Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1960)

1. PHILIP M. BAERLOCHER of BOISE FRENCHTOWN
(Name of Appropriator) (Address) (Town)

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



1.7 = 1/4 Sec. 7 T14N R. 21W
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based Household use and irrigation of lawn

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Sept. 1, 1963. The use has been steady since then.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) From 5 to 10 gallons a 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 and three tenths acre. Lawn around the house. Philip M. Baerlocher

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal A 1 horse power pump. The well is located 10 feet from the house.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater The construction of the well started in June 1963 and we started using the water Sept. 1, 1963.

8. The depth of water table Twelve 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 is 28 feet deep and is a four inch steel casing.

10. The estimated amount of groundwater withdrawn each year 911,000 gallons

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

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

Signature of Owner Philip M. Baerlocher
Date Jan 30, 1963

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

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

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

20020

Pr 21529

I received & filed this instrument for
recording of permanent files
at _____ o'clock _____ M., permanent files
of Missoula County, State of Montana
Witness my hand:
M. S. [Signature] Recorder
By: [Signature] Deputy
Fee \$ _____ Paid

RECEIVED

GW 2 Revised 1969
STATE PUBLISHING COMPANY

FEB 3 1972

County MISSOULA

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODES DEPARTMENT OF NATURAL
MONTANA WATER RESOURCES BOARD RESOURCES AND CONSERVATION

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.

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 DUANE A. FELSTET

Address ROUTE # 2 (FRANKTON)

MISSOULA, MONT.

Date well started 5-19-62

completed 5-19-62

For Administrator's Use

File # 2227, 312256

Jan. 28, 1972 1:15 p.m.

GW 1

Type of well DRIVEN

(Dug, driven, bored or drilled)

Equipment used MECHANICAL DRIVER

(Churn drill, rotary or other)

Water Use: Domestic Municipal Stock Irrigation

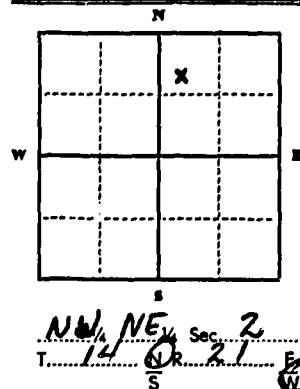
Industrial Drainage Other Garden/Lawn

*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). 0.89 ACRES.

ESTIMATED ANNUAL WITHDRAWAL 350 M GAL

Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind Size	From (Foot)	To (Foot)
<u>n/a</u>	<u>4" SCHEDULE 40</u>	<u>MINUS 6'</u>	<u>MINUS 34'</u>	<u>FLAME-CUT 1/6" X 3"</u>	<u>- 28</u>	<u>- 34</u>



Static water level -19.0 ft.*
Pumping water level -23.5 ft.*
at ELEVEN gallons per minute,
measured 120 minutes after pumping began.

*Measured from ground level.
Well developed by 125 CFM AIR
for 17 hours.
Power JACOBI Pump 5 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) n/a

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

Driller's Signature Duane A Felstet

Driller's Address ROUTE 2 MISSOULA

LICENSE NO. NONE

Top of Ground (Elev. above sea level) 3200

From (Foot)	To (Foot)	
<u>0</u>	<u>2.3</u>	<u>TOPSOIL</u>
<u>2.3</u>	<u>34</u>	<u>GRAVEL</u>
<u>190</u>		<u>TOP OF WATER LEVEL</u>
		<u>STATIC</u>

34.8 ft. show exact depth of bottom

49 208

#2227

312256

I received and filed the following
 record on the 28th day of Jan 1972
 at 1:15 o'clock P.M. in the
 at Minnesota Learning Station on West
 Wisconsin at
 by Marie Gruchals
 For \$ 2.00 cash

RECEIVED
 JAN 31 1972
 MINNESOTA LEARNING STATION
 WEST WISCONSIN

GW

2

File No. _____

T. 14 R. 21

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963
STATE ENGINEER

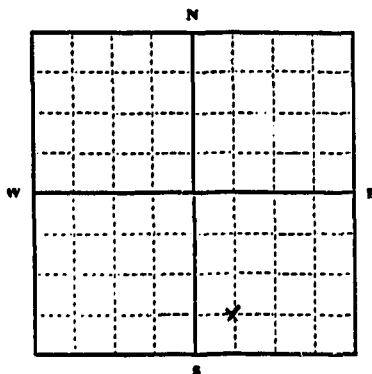
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Dorille Lucier and Lena V. Lucier, of Route #2, Missoula
(Name of Appropriator) (Address) (Town)

County of Missoula State of Montana

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



SW 1/4 Sec. 2, T. 14, R. 21

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

2. The beneficial use on which the claim is based... Irrigation, watering of stock, household purposes.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... February 19, 1941 date of earliest beneficial use and continuous to present date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... Approximately 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... About 1/4 acre of lawn and pasture around location of well, said irrigated land belonging to affiants and appropriators, Dorille Lucier and Lena V. Lucier.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... Well commenced on or about February 15, 1941 and completed on or about February 19, 1941.

8. The depth of water table... unknown.

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 154' deep with 6" casings.

10. The estimated amount of groundwater withdrawn each year... Around 200 gallons a day.

11. The log of formations encountered in the drilling of each well if available... Quicksand for the first 130 feet and hard pan and gravel for last 24 feet.

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 previous recording.

Signature of Owner D E Lucier
Lena V. Lucier

Date December 31, 1963

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

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

1030

2155-13

I received and ~~filed~~ the instrument for
 record on the 31st of Dec 19...
 at 2:50 o'clock, P.M. permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. EBNER, County Recorder
 By MARTIN S. BEHN, Deputy
 Fee \$ 5.00 Paid

2155-13

The following is a list of the names of the persons who are entitled to a share of the proceeds of the sale of the land described in the foregoing instrument, and who have not previously received their share of the same: ...

... and the amount of their respective shares is as follows: ...

... and the amount of their respective shares is as follows: ...

... and the amount of their respective shares is as follows: ...

... and the amount of their respective shares is as follows: ...

... and the amount of their respective shares is as follows: ...

... and the amount of their respective shares is as follows: ...

... and the amount of their respective shares is as follows: ...

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... and the amount of their respective shares is as follows: ...

... and the amount of their respective shares is as follows: ...

... and the amount of their respective shares is as follows: ...

... and the amount of their respective shares is as follows: ...

... and the amount of their respective shares is as follows: ...

... and the amount of their respective shares is as follows: ...

... and the amount of their respective shares is as follows: ...

2504

333421

I received and filed this instrument for
 record on the 15 day of June 1973
 at 10:20 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Dorothy L. Head, County Recorder
 By Deane J. Tom Deputy
 Fee \$ 2.00 Paid cl.

MISSOULA COUNTY, MONTANA
 JENNIFER J. JAMES
 COUNTY CLERK

File No. _____

DUPLICATE

T. 21 R. 21

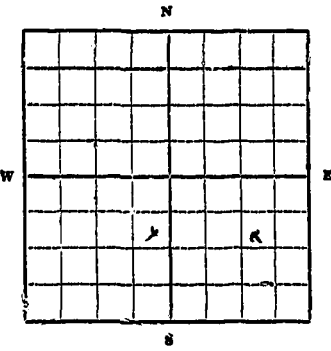
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963

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

1. John S. Meidt of Rowen
(Name of Appropriator) (Address) (Town)
County of Missoula 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. 21 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
use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been since water began 1900
independent R.R. path on which water
is used there place
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) each 5-6 gal per minute
approx.
- 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 Wells used for house and
livestock
- 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 not known
- 8. The depth of water table 30 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 in pipe
- 10. The estimated amount of groundwater withdrawn each year 50000 gal
- 11. The log of formations encountered in the drilling of each well if available not available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Signature of Owner John S. Meidt
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.

781 215189

I received and filed this instrument for
record on the 21st day of June 1963
at 2:30 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand
M. S. Baker, County Recorder
By *M. S. Baker* Deputy
Fee \$ *0.00* Paid

2445

329962

I received and filed this instrument for
 record on the 2 day of Oct, 1913
 at 10:22 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Dorothy J. Head, County Recorder
 By W. D. Johnson, Deputy
 Fee \$ 2.00 Paid

[Faint, illegible handwritten notes and stamps]

[Vertical stamp or text on the right side]

[Handwritten signature or name]

[Small handwritten mark]

12

File No.

T. 14^N R. 21^W Sec. 12

DUPLICATE

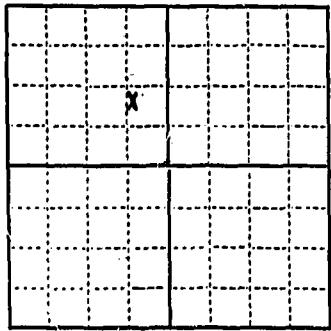
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

R¹⁵
JAN 3 1963

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

1. John Lal (Name of Appropriator), of Rate # Missoula (Address) (Town) State of Montana County of Missoula 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 Irrigation & Drinking Water for Cattle

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 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 7.0

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electricity - T-14 R-21 Sec 12

1/4 Sec. T. R.

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 Dec 3, 1960

8. The depth of water table 11 ft

9. So far as it may be available, the type, size, and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well from 6 inches above surface to 41 ft with 6 inch inside diameter black steel water well casing.

10. The estimated amount of groundwater withdrawn each year around 130,000 gal

11. The log of formations encountered in the drilling of each well if available 0-13 Dirt and clay 13-33 gravel and sand in clay 33-36 sand and clay 36-37 sand and gravel 37-41 gravel

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

Signature of Owner John Lal
Date Dec 29 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.

699

2 15 / 05

Copy
 I received and filed this instrument for
 record on the 3rd day of Dec, 1905
 at L.R.K. Welch A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand,
 MARTIN S. BEHNER, County Recorder
 By Walter J. [Signature] Deputy
 Fee \$ 2.00 Paid

Form No. 18
8-60

15

T. 14N R. 21W
County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED

WATER WELL LOG

STATE ENGINEER

Owner William H. Cardan Address 250 Fairview
Missoula, Mont
 Driller Lloyd Hanson Address Orchard Home
 Date Started Feb 1955 Date Completed Feb 1955
 Location: Sec. 13 T. 14N R. 21W $\frac{1}{4}$ sec. SW

Type of well Dug Equipment used Pile Driver
(Dug, driven, bored, or drilled) (Churn, drill, rotary, other)

Water use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other _____

Casing: 0 ft. to 40 ft. Type Steel Size 4"

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. 35 to ft. 40 . Ft. _____ to ft. _____

Type of screen or perforations 1/4" perforations

Static Water level, for non-flowing well: 20' from surface feet.

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

Pumping water level 25' feet at 70 gal. per min.

How tested: with contractor's pump

Length of test 2 hrs.

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

(over)