

GW3

File No.....

T. 14 N R 19 W 10

DUPLICATE

County.....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE JAN 2 1964  
OFFICE OF STATE ENGINEER STATE ENGINEER

### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

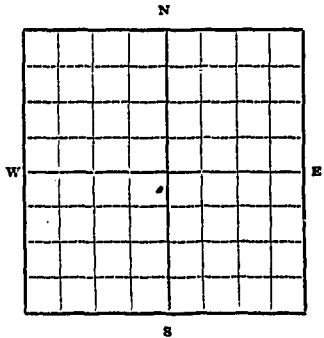
Date of Appropriation of Groundwater Over 10 years  
Montana Catholic Missions &  
Owner John P. McDonald Address Missoula, Montana

Contractor (if any) .....

Address of Contractor .....

Date Started July 1963 Date Completed August 1963

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Development of a natural spring from a trickle to 10 miners inches.



NE 1/4 SW 1/4 Sec. 10 T. 14 R. 19

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 .....

Use continues for household purposes and lawn and garden irrigation.

Montana Catholic Missions and John P. McDonald.

Signature of Owner By Thomas P. McDonald

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.

911 215451

I received and filed this instrument for  
record on the 16<sup>th</sup> day of Dec 1917  
at 10:30 o'clock P. M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
MARTIN S. BERTNER, County Recorder.  
By *Martin S. Bertner* Deputy  
Fee \$ 20.00 Paid

GW.

Approved Stock Form—State Publishing Co., Helena, Montana—50351

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

T. 14 N R 19 W

DUPLICATE

County Missoula

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION 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)

0L	Top of Ground
1'	top soil (Elev. above sea level.....)
2'	gravel, tan clay & boulder
3'	gravel, tan clay & seep of water
36'	gravel & tan clay
43'	**
46'	blue bedrock
55'	

Owner: BRUCE DUNDAS Address \_\_\_\_\_

Driller: KEN WILLIAMS WELL DRILLERS 1558 So. 5th W.  
MISSOULA, MONT.

Date of Notice of appropriation of groundwater \_\_\_\_\_

Date well started JULY 2, 70 Date completed JULY 7, 70

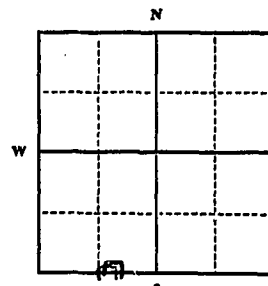
Type of well drilled Equipment used CHURN  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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" ID	6-5/8" OD 17 lbs. 1/4" side wall	ground level	55'			

Doc. No. 293869  
Filed for record  
this 12 day of August  
A. D. 19 70, at 1:50  
o'clock P. M.



Static Water Level for non-flowing well ..... 25 feet.

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

Pumping Water Level..... 52 feet  
at..... 10 gal. per minute.

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

How Tested bail test.....

Length of Test..... 3 hrs......

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

S. 1/4 Sec. 10, T. 14 N, R. 19 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).

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.

151  
Driller's License Number

Ken Williams  
Driller's Signature.

47364

293869

DISTRICT

1 2 3 4 5 6 7 8 9 10 11 12

I received and filed this instrument to record on the 12th day of Decr 1920 at 11:50 o'clock A.M. permanent time of Missoula County, State of Montana

Witness my hand:  
 Vermae E. Crouse, County Recorder  
 By William S. Palmer Deputy  
 Fee \$ 2.50 cash Paid

clock 3 4 5 6 7 8 9 10 11 12  
 Dec 12 1920  
 11:50 AM  
 12:00 PM  
 1:00 PM  
 2:00 PM  
 3:00 PM  
 4:00 PM  
 5:00 PM  
 6:00 PM  
 7:00 PM  
 8:00 PM  
 9:00 PM  
 10:00 PM  
 11:00 PM  
 12:00 AM

DATE	TIME	NAME	ADDRESS	REMARKS
Dec 12 1920	11:50 AM	Vermae E. Crouse	County Recorder	Filed instrument

**Notice of Completion by Means of Well**

STATE WATER CONSERVATION BOARD  
 ADMINISTRATOR OF GEORGEVALES GODDIE  
 STATE OF MONTANA

Georgevales Goddies

Water Conservation Board

Notice of Completion by Means of Well  
 This notice is given to the public that the well described in the following table has been completed and is now available for use. The well is located on the land of the State of Montana, and the water therefrom is to be used for the purpose of irrigation.

Well No. 12345  
 Location: Section 12, Township 12N, Range 12E, 12th Meridian, Yellowstone County, Montana.  
 Date of Completion: December 12, 1920.  
 Name of Well: Crouse Well.

STATE WATER CONSERVATION BOARD  
 ADMINISTRATOR OF GEORGEVALES GODDIE  
 STATE OF MONTANA



194 331 386

I received and filed this instrument for  
record on the 1 day of May, 1973  
at 11:32 o'clock A. M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
Dorothy L. Head, County Recorder  
By: Sharon Skelton, Deputy  
Fee \$ 3.00 Paid 0

MISSOULA COUNTY RECORDER  
MISSOULA, MONTANA

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

T. 14 R. 19

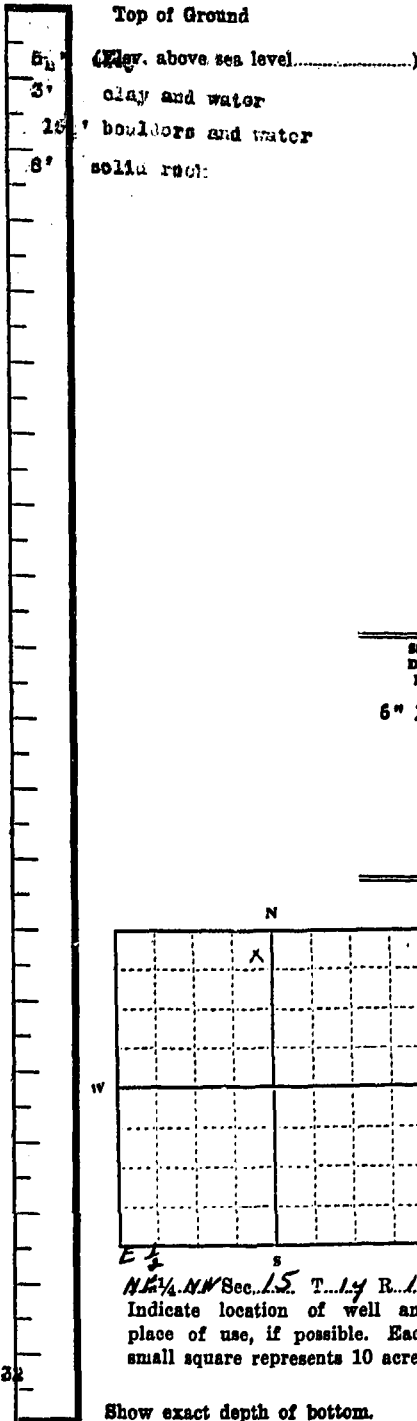
DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER JUL 27 1964

# Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



Owner Don Blom Address Helena

Driller Kane Motor Well Drilling Address Helena

Date of Notice of Appropriation of Groundwater 6/26/64

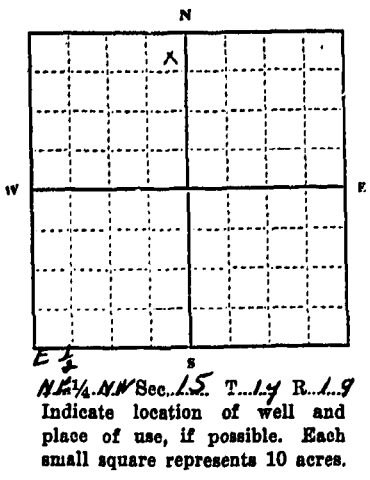
Date well started 7/11/64 Date Completed 7/20/64

Type of well drilled Equipment Used other  
(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" ID	6" Id 19	0	24	does not apply		



Static Water Level for non-flowing Well 52 feet.

Shut-in Pressure for Flowing Well does not apply

Pumping Water Level 22 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well does not apply

How Tested ball and rod Length of Test 100

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

Driller's License Number 27

Driller's Signature [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.

38328

1429

224224

I received and filed this instrument for  
record on the 21 day of July, 1963  
at 5:00 o'clock P.M., permanent files  
of Missouri County, State of Montana  
Witness my hand:  
Veronice R. Crouse, County Recorder  
By Nancy J. Head, Deputy  
Fee 5.00 Paid

RECORDED  
JUL 23 1963  
MISSOURI COUNTY



File No. ....

T. 14<sup>N</sup> R. 19<sup>W</sup> Sec 15

DUPLICATE

18/14

DECEIVED  
STATE ENGINEER  
JAN 21 1965

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground  
(Elev. above sea level .....

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

(Under Chapter 237, Montana Session Laws, 1961)

0 to 6' Pit  
6' to 28' Boulders  
28' to 31' Gravel & water  
(Approx 2 G.P.M.)  
31' to 37' Boulders & clay  
37' to 40' Boulders & water.

Owner. Howard McSinnis Address Grant Creek

Driller. Glenn Camp 705 Alder Address Missoula, Mont

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

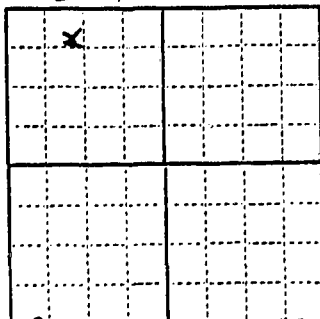
Date well started. 12/22/64 Date Completed. 12/23/64

Type of well. Drilled Equipment Used. Churn 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)
6"	6" I.D. seamless 18.97# to ft	6" above floor to 34'. 2" of open hole		None		



Lot 8 Sec 15 T. 14 R. 19

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

Show exact depth of bottom.

Static Water Level for non-flowing Well. 20' from G.L. feet.

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

Pumping Water Level. 26 30 feet at 15 gal. per minute.

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

How Tested. Inst. Pump Length of Test. 2 hours

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

License # 7

Driller's License Number

Glenn Camp  
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.

1470

231564

I received and filed this instrument for  
record on the 14 day of June 1965  
at 10:30 o'clock A.M., Percepsent Elms  
of Missoula County, State of Montana  
Witness my hand:  
Vernice R. Cross, County Recorder  
By *Vernice R. Cross*, Deputy  
Fee \$ 2.00 Paid

Official Register of the State of Montana  
Percepsent Elms  
Missoula County, Montana  
June 14, 1965

File No. ....

DUPLICATE

RECEIVED  
OCT 18 1953

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 22' boulders

22' to 25' Yellow clay  
a little water

25' to 31' boulders  
& clay

31' to 46' Clay & gravel

Water between 38' & 39'

.....<sup>1</sup>/<sub>4</sub>..... Sec. 15 T. 14 N. R. 19 W  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Owner Ed Landphue Address Grant Creek

Driller Glass Camp 705 Albee Address Missoula, Mont

Date of Notice of Appropriation of Groundwater \_\_\_\_\_

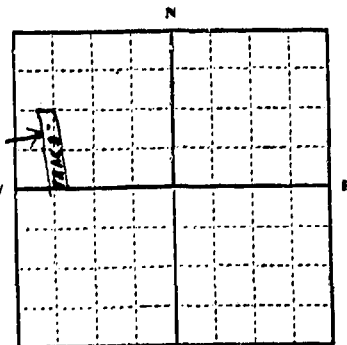
Date well started 9/21/53 Date Completed 9/28/53

Type of well Drilled Equipment Used Churn 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)
6"	6" I.D. seamless	3' above G.L.	to 38'	Burnt	39'	46'
	5" liner	in bottom	10'			



Static Water Level for non-flowing Well 22 feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 38 feet at 5 gal. per minute.

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

How Tested Roller Length of Test 3 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) \_\_\_\_\_  
Gravel packed to 20' of surface

*Ed Landphue*

License # 7  
Driller's License Number  
*Glass Camp*  
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.

289

21154

I received and filed this instrument for  
record on the 15 day of Oct. 1963  
at 12:00 o'clock P.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
MARTIN S. BEHNER, County Recorder  
By Janetly Head Deputy  
Fee 2.00 Paid

21154

File No. ....

14 N R. 19 W 15  
Missoula

DUPLICATE

RECEIVED

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER 1964

### 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 6' Pit

6' to 26' Clay & boulders

26' to 33' Clay & small  
gravel

33' to 38' Chunk of solid  
rock

38' to 39' Clay, gravel  
& water

39' to 44' Clay & boulders

44' to 50' Clay, gravel  
& water

Owner: Allan Foss & Agnes M. Foss Address: Grant Creek P.O. 796

Driller: Glenn Camp 705 Alder Address: Missoula, Mont

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

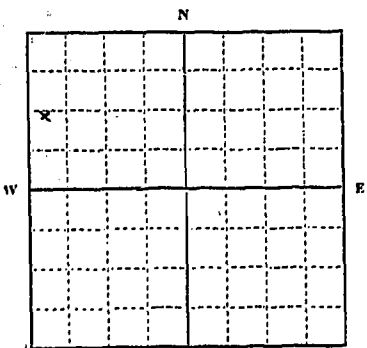
Date well started: 8/7/64 Date Completed: 8/23/64

Type of well: Drilled Equipment Used: Churn 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)
6"	6" I.D. 18.97 #	1' above Pit floor	38'-7"	Burnt perf. in 5" liner-3' of liner in hole.		
	5" liner 8' long in bottom of well					



W 1/2 of NW 2  
1/4 Sec. 15 T. 14 N. R. 19 W.  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Pent No. 5 of Grant Creek Tract  
Show exact depth of bottom.

Static Water Level for non-flowing Well 22' from G.L. feet.

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

Pumping Water Level 30 feet at 24 gal. per minute.

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

How Tested: Test pump Length of Test: 45 min

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).....

1 sack of cement around casing, from 1' below Pit floor to 6' below pit floor

License # 7  
Driller's License Number

Glenn Camp  
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.

1440

226068

I received and filed this Instrument for  
record on the 7 day of Sept. 1967  
at 12.1.30 o'clock P.M. permanent files  
of Missoula County, State of Montana  
Witness my hand:  
Vermao R. Crouse, County Recorder,  
By Wm. J. Shelton, Deputy  
Fee \$ 2.00 Paid

24 11 1967  
MISSOULA COUNTY RECORDS  
MISSOULA, MONTANA

GW3

File No.....

T. 14<sup>N</sup> R. 19 15

DUPLICATE

County.....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 3 1963  
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Prior to April 7, 1962

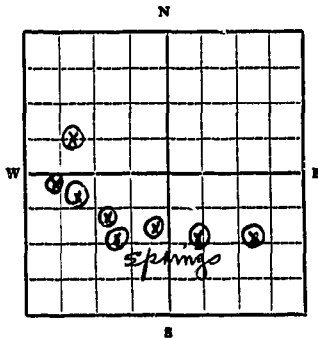
David V. Diggs &  
Owner Dale S. Gillespie Address Missoula, Montana

Contractor (if any) Not applicable

Address of Contractor Not applicable

Date Started Not applicable Date Completed Not applicable

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



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

.....1/4..... Sec. 15 T. 14 N. R. 19 W

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

Quantity 30 miners inches, intermittent use during summer periods.

Signature of Owner.....Dale S. Gillespie

Date.....December 30, 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.

20133

1013

215487

I received and filed this instrument for  
record on the 31 day of Dec 1963  
at 3:14 o'clock P.M., permanent time  
at Missoula County, State of Montana  
Witness my hand.  
MARTIN S. BEAVER, County Recorder  
By Martin S. Beaver, Deputy  
Fee \$ 5.00 Paid



File No. ....

T. 14 N 19 W

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1964

STATE ENGINEER

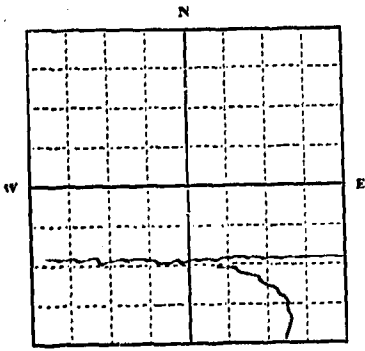
### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 15, 1960  
Owner R. M. Bachelder Address 500 5th A. Missoula, Mont.  
Contractor (if any) Purchased From H. R. Williams  
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. 15" ditch from spring.



Indicate point of appropriation and place of use, if possible.  
South 1/2 Sec 5 T. 14 N. R. 19 W.

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.....  
Fifteen (15) inches of water  
as recorded on Back page 129

Signature of Owner R. M. Bachelder  
Date Dec 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.

1099

215574

I received and filed this instrument for  
record on the 21<sup>st</sup> day of June, 1967  
at 4:27 P.M. permanent files  
of Missoula County, State of Montana  
Witness my hand  
By Ethel Lane County Recorder Deputy  
Fee \$2.00 Paid

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

RECEIVED

T. 14N R. 17W 15

DUPLICATE

JUL 14 1970

County Missoula

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)

Owner Eldon R. & Mary Ann Caster Address Missoula

Driller Kore Water Well Drilling Address St. Regis

Date of Notice of appropriation of groundwater 6/19/64

Date well started 9/22/64 Date completed 9/24/64

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

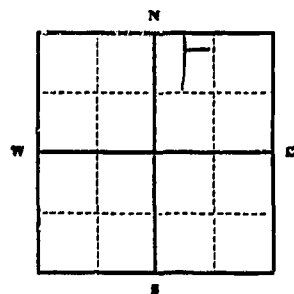
Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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 \_\_\_\_\_)  
19' clay and boulders  
3' water, and gravel  
19' solid rock

Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind Size	From (Foot)	To (Foot)
6" id	6" id 18#	0	25	1/2 x 5	19	22

Doc. No. 292909  
Filed for record  
this 10 day of July  
A. D. 19 70, at 13:30  
o'clock 8 M.



Static Water Level for non-flowing well 17 feet.

Shut-in Pressure for Flowing Well no

Pumping Water Level 19 feet  
at 10 gal. per minute.

Discharge in gal. per min. of flowing well no

How Tested bailed & pumped

Length of Test 8 hrs

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

E 1/2 N. E. 1/4 NW 1/4 Sec. 12 T. 14 N. R. 17 W  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

23

Driller's License Number

Eugene H. Kane  
Driller's Signature

46664

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.

41 Show exact depth of bottom.

2013

292909

I received and filed this instrument for  
 record on the 10<sup>th</sup> day of July, 1920  
 at 3:30 o'clock P.M. at Meridian Miss  
 of Mississipi County, State of Mississippi  
 Witness my hand:  
Veronica E. Crouse, County Recorder  
 By [Signature], Deputy  
 Fee \$ 2.00

How introduced and for what purpose filed

File No. ....

T. 14N R 19W

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JUL 14 1965

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

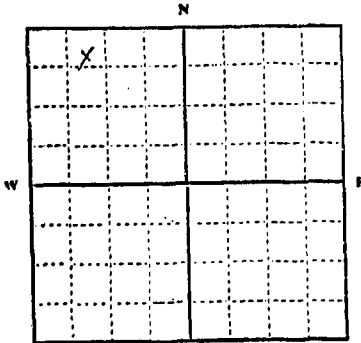
Date of Appropriation of Groundwater June 1, 1965

Owner Ernest Lyle Phillips and Shirley Jean Phillips Address Grant Creek Rd.  
Contractor (if any) None

Address of Contractor None

Date Started 6/1/65 Date Completed 7/9/65

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Found spring on my property, dug to depth of two feet to obtain good flow.



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. approx. 70 Gal per minute measured with 2 gal bucket and electric pump for domestic use.

WN 1/4 Sec. 15 14N R 19W  
Indicate point of appropriation and place of use, if possible.  
3.6 acre  
Tract # 7 Grant Creek  
West Half of the Northwest quarter of Section 15.

Signature of Owner Ernest Lyle Phillips  
Shirley Jean Phillips

Date July 9, 1965

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

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

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

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

#1517

238902

I received and filed this Instrument for  
record on the 9<sup>th</sup> day of July 1965  
at 1:30 o'clock P. M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
Veranna R. George, County Recorder  
By *Veranna R. George*, Deputy  
Fee \$ 2.00 paid

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

MONTANA GROUNDWATER BOARD

T. 14 R. 17 S. 15

DUPLICATE

RECEIVED

County Missoula

LOG

JUN 17 1970

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION 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)

Owner AL MISTRICK Address GRANT CREEK

Driller GEN WILLIAMS WELL DR. Address 1550 St. 5th W.

Missoula, Montana

Date of Notice of appropriation of groundwater \_\_\_\_\_

Date well started June 1, 70 Date completed June 5, 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

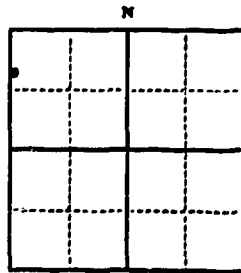
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.



Top of Ground  
(Elev. above sea level \_\_\_\_\_)  
tan clay, gravel  
gravel tan clay  
boulders  
dark brown clay  
seep of water  
gravel and brown clay  
hard gray rock

Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind Size	From (Foot)	To (Foot)
6" ID	6-5/8" OD 17 lbs. 1/4" side wall	GROUND level	50'			

on tract 1 of  
Grant creek subdivision



Static Water Level for non-flowing well \_\_\_\_\_ feet.

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level \_\_\_\_\_ feet

at \_\_\_\_\_ gal. per minute.

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

How Tested 200 test pump

Length of Test 2 hrs.

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

Doc. No. 291954  
Filed for record  
his 9 day of June  
A. D. 19 70, at 4:00  
'clock 2 M.

1/4 Sec. 5 T. 14N R. 17W  
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).

Used for irrigation of 5 1/2 or more 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.

Driller's License Number 151

Driller's Signature Gen Williams

46369

91954 No. 1988  
Filed 6/18/20 Hr. M. O. P. A.  
VERAMAE R. CROUSE, County Recorder  
By 201-721-2 Chang Deputy

000

Abstract of Title  
State of California  
County of Orange

ABSTRACT  
OF TITLE  
STATE OF CALIFORNIA  
COUNTY OF ORANGE


Abstract of Title  
State of California  
County of Orange



STATE WATER CONSERVATION BOARD

SW 3

JUN 1 1966 Approved Stock Form—State Publishing Co., Helena, Montana—4262

File No. \_\_\_\_\_  
 Bille \_\_\_\_\_ McDermott \_\_\_\_\_  
 Butcher \_\_\_\_\_ McNulty \_\_\_\_\_  
 Coyne \_\_\_\_\_ Norton \_\_\_\_\_  
 Darlington \_\_\_\_\_ Sullivan \_\_\_\_\_  
 Dickert \_\_\_\_\_

T. 14 N R. 19 W 15  
 County Missoula

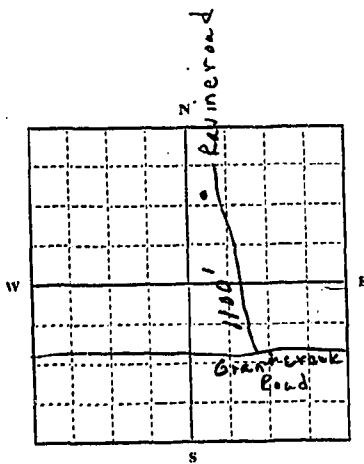
DUPLICATE

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
 Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater May 27-66  
 Owner Alfred Mistick Address Rt 2 Grant Creek  
 Contractor (if any) \_\_\_\_\_  
 Address of Contractor \_\_\_\_\_  
 Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_



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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. to pipe water from spring at rate of 100 gal per hr or less with 1/2" plastic pipe for household & yard use

Approx 1100' up ravine road on N side

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. water to be used year round at a flow rate of about 100 gal per hr to place of residence at Grant Creek tract 1

Signature of Owner Alfred C Mistick  
 Date May 27, 66

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.

41102

1607

250706

I received and filed this Instrument for  
 record on the 27 day of May 19 66  
 at 3:05 o'clock P.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 Veronae R. Crouse County Recorder  
 By *Harold A. Black* Deputy  
 Fee \$ 2.00 Paid *cash*

RECORDED  
 MISSOULA COUNTY, MONTANA  
 MAY 27 1966  
 MISSOULA COUNTY RECORDER'S OFFICE

RECEIVED

County, Missoula

16

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

APR 27 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 Frank Wittkopp

Address Grant Creek

Missoula, Montana

Date well started Apr. 14, 1972

completed April 19, 1972

For Administrator's Use	
Filed <u>2267, 315611</u>	
<u>April 21, 1972 12:12 pm</u>	
GW 1	

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

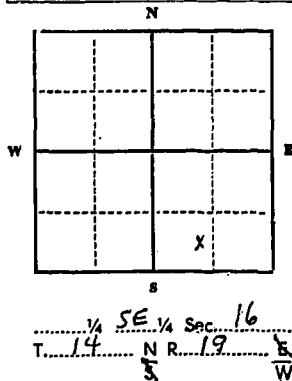
Equipment used Churn drill  
(Churn drill, rotary or other)

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 2,000,000 gallons.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 1/2 17#	1 up	39			



Static water level 11 ft.\*  
Pumping water level 35 ft.\*  
at 7 gallons per minute,  
measured 60 minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by Bailer  
for 2 hours.  
Power HP Pump HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff) \_\_\_\_\_

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0		Topsoil, sand, and
	5	gravel
5		Clay, sand, and gravel
	12	
11		Static water level
	11	
12		Sand, gravel, and
	18	Cobblestones
18		broken shale like
	32	rock and clay
32		broken rock and seeps
	34	of water
34		broken rock and clay
	40	
40		water and broken rock
	40	

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

Driller's Signature Charles Wittkopp

Driller's Address G.K.C. Drilling, P.O. Box 670,

Missoula, Montana LICENSE NO. 185

40 Show exact depth of bottom

50,220

5'000'000 Esjions

x

Chunx griff

Driffed

Abriji 18' 1835

Abri. 14' 1835

Missoula's Moutains

Grubf Creek

Missoula's Moutains

#2267

315611

I received and filed this instrument for  
 record on the 21 day of April 1897  
 at 12:12 o'clock P.M. per name file  
 of Missoula County State of Montana  
 Witness my hand  
Vernon R. Cross, County Recorder  
 By W. S. S., Deputy  
 Fee \$ 2.00 Paid

#0	water and broken rock
#0	broken rock and clay
34	of water
35	broken rock and seeds
18	rock and clay
15	broken up like
11	conglomerates
11	sand gravel and
11	static water level
15	clay and gravel
2	gravel
2	loess and sand
0	

Missoula



2535

334078

I received and filed this instrument for  
record on the 28<sup>th</sup> day of June 1973  
at 8:00 o'clock P.M. permanent files  
of Missoula County, State of Montana  
Witness my hand:  
Dorothy L. Head, County Recorder  
By M. M. Conroy Deputy  
Fee \$ 2.00 Pollock

File No. ....

T. 14 R. 19 16

DUPLICATE

MONTANA WATER RESOURCES BOARD  
LOG RECEIVED

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

County Missoula

Top of Ground JUL 24 1969

(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, as amended)

0- 11½ Gravel, boulders, and clay  
Owner Donald I. Nyquist Address Grant Creek Missoula, Montana

11½ Static water level  
Driller G.K.C. Drilling Address Box 670, Missoula

11½-18 Gravel, boulders, tan clay, and traces of water  
Date of Notice of appropriation of groundwater.....  
Date well started July 10, 1969 Date completed July 14, 1969

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

18-30 fan clay and gravel  
Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

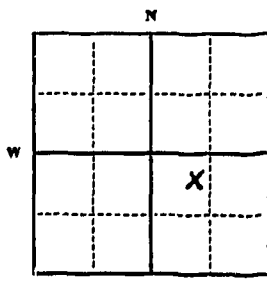
30-33 Broken rock, and yellow clay  
Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which the water rises in the well.

33-35 Broken rock and brown clay

35-36½ Broken rock, water and traces of clay

36½ Bottom of hole

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 17#	1 up	36½	----	----	----



Static Water Level for non-flowing well 11½ feet.

Shut-in Pressure for Flowing Well ---

Pumping Water Level 30 feet at 15 gal. per minute.

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

How Tested Test pump

Length of Test 20 hours

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

SE ¼ Sec. 16 T. 14 R. 19  
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).

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.

185  
Driller's License Number

Charles J. Williams  
Driller's Signature.

45474

1917

283235

I received and filed this instrument for  
 record on the ~~22~~ day of July 1917  
 at 12 o'clock P.M. in the Court House  
 of Missoula County, State of Montana  
 Witness my hand.  
 Verano E. Connor, County Recorder  
 By M. M. Ponding Deputy  
 Fee \$2.00 Pub. cash

State of Montana



File No. ....

T.14 <sup>N</sup> R. 19 West

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JUN 28 1963

STATE ENGINEER  
Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 24, 1963

Owner Walter E. Dodd Address P.O. Box 618  
Missoula, Mont.

Contractor (if any) NONE

Address of Contractor .....

Date Started June 1950 Date Completed October 1950

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural flowing spring dug out by hand to a depth of approximately 4 (four) feet and curbed up with concrete blocks. Water rises to the surface and overflows thru a 4 inch pipe.

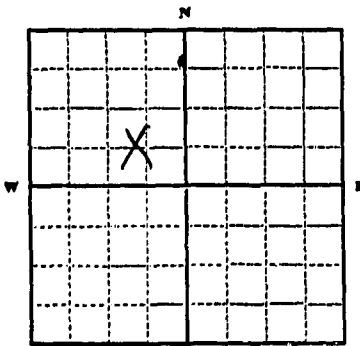
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use. Water piped 2000 feet to buildings. Flow from 2 faucets amounts to 8 gal. per minute. Overflow amounts to approx. 10 gal. per min. Water used for household use and irrigation of garden and lawn.

Household and use in farm buildings is continuous and irrigation from May 1 through September of each year, which is also continuous during this period.

Signature of Owner Walter E. Dodd

Date June 24, 1963



NE 1/4 of NW 1/4 Sec. 17 T.14 R.19W  
Indicate point of appropriation and place of use, if possible.

*Spring Marked •  
place of use marked X*

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.

#200 Copy

207736

I received and filed this instrument for  
record on the 26<sup>th</sup> day of June 1967  
at 9:30 o'clock P. M. permanent files  
of Missoula County, State of Montana  
Witness my hand:  
MARTIN S. BEHNER, County Recorder  
By *Hugh Haines* Deputy  
Fee \$ 2.00 Paid



4956

334245

I received and filed this instrument for  
record on the ~~20th~~ day of ~~June~~ 19 ~~12~~  
at ~~10:30~~ o'clock ~~A~~. M. permanent files  
of Missoula County, State of Montana  
Witness my hand:  
Dorothy L. Head, County Recorder  
By ~~C. J. ...~~ Deputy  
Fee \$ ~~2.00~~ Paid



2565

334 287

I received and filed this instrument for  
record on the 29 day of June 1973  
at 11:52 o'clock P.M. in the  
of Missoula County, State of Montana  
Witness my hand:  
Dorothy L. Head, County Clerk  
By M. M. Braubley, Deputy  
Fee 2.00 Paid ck.

RECEIVED

County Missoula 18

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

MAY 8 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 Robert G Bricker

Address Missoula

Date well started April 20 - 1972

completed April 29 - 1972

Type of well Drilled

Equipment used Churn drill

Water Use: Domestic  Municipal  Stock  Irrigation

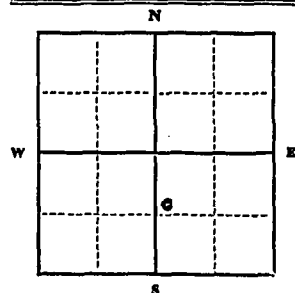
Industrial  Drainage  Other \* Garden/Lawn

\*Describe New Home site

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	From (Feet)	To (Feet)
5"	5" ID Sec 40	14" Above Ground	53'-8"	None	None	None



Static water level 25' ft.\*  
Pumping water level 35' ft.\*  
at 15 gallons per minute,  
measured 30 minutes after pumping  
began.  
\*Measured from ground level,  
Well developed by air & bailing  
for 2 hours.  
Power        Pump        HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)       

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
0'	5'	Top Soil
5'	15'	Dark Brown Clay
15'	25'	Light Brown Clay
		STATIC LEVEL
25'	40'	tan clay some water
40'	45'	Grey Clay
45'	52'	Blue Clay
52'	58'	Blue Sand - some red - ground water

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

Driller's Signature [Signature]

Driller's Address 1420 Clements Rd

Missoula, Montana LICENSE NO. 227

58' Show exact depth of bottom

50,326

2270 316192

I received and filed this Instrument for  
record on the 3 day of May 1912  
at 11:20 o'clock A.M. in the office  
of Missoula County State of Montana  
Witness my hand  
Veronica R. Cross County Recorder  
By *Veronica R. Cross* Secretary  
Fee \$ 2.00 Paid



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

T 19 V R 14 N

18

DUPLICATE

ONTAIN... DOA

County Missoula

LOG

STATE OF MONTANA

MAR 14 1968

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)

Owner John W. Nelson & Amy N. Nelson Address Rt 2, Missoula, Mont

Driller self Address \_\_\_\_\_

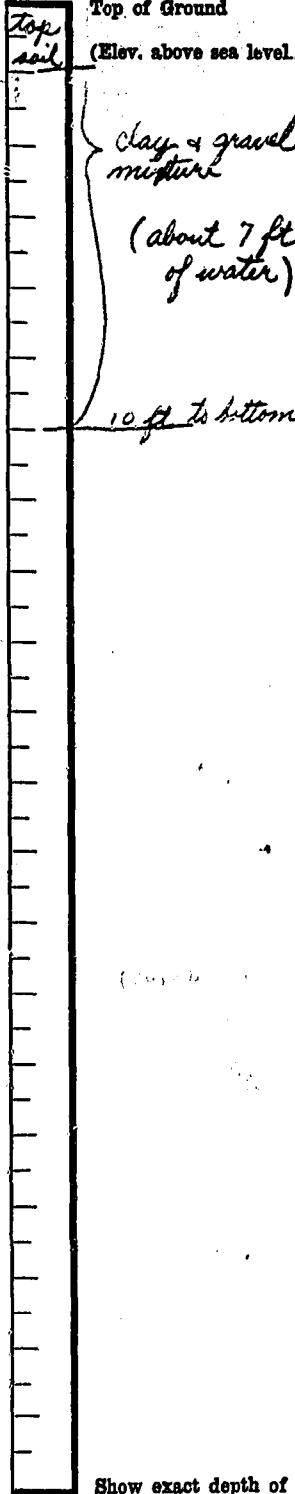
Date of Notices of appropriation of groundwater March 8, 1968

Date well started 8/12/67 Date completed 8/14/67

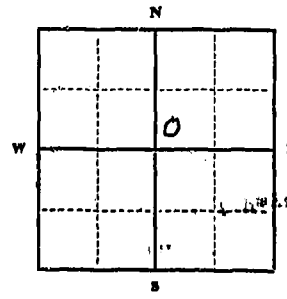
Type of well DUG Equipment used backhoe  
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

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 ft	4 ft dia top culvert		10ft	1/2 in.	6 in. apart	full length



Static Water Level for non-flowing well 2 ft feet.  
below top

Shut-in Pressure for Flowing Well \_\_\_\_\_

Pumping Water Level 2 ft below top

at 50 gal. per minute.

Discharge in gal. per min. of flowing well N/A

How Tested pump with 3/4 outlet

Length of Test one hour

HWSE 1/4 Sec. 18 T. 14 N. R. 14 W  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Remarks: (Gravel packing, cementing, packers, type of shutoff) Gravel packing. Domestic and stock use and to water garden and lawn.

(Continue on reverse side)

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

Show exact depth of bottom.

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.

Self dug  
Driller's License Number

Driller's Signature

43,966

1780

269059

I received and filed this instrument for record on the 5 day of March 1948 at 3:30 o'clock P.M., permanent files of Missoula County, State of Montana

Witness my hand:  
 Veramo R. Crouse, County Recorder  
 By *[Signature]* Deputy  
 Fee \$ 2.00 Paid *[Signature]*

RECEIVED FOR THE COUNTY RECORDER  
 MARCH 10 1948

RECEIVED FOR THE COUNTY RECORDER

File No. MONTANA WATER RESOURCES BOARD

T-19W R-14N

18

TRIPLICATE

County Missoula

MAR 14 1968 STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

### Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I, John V. Nelson, of Rt 2, Missoula, Montana  
(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.

2. The beneficial use to which water is to be applied is domestic use, livestock use, and watering of garden and lawn.  
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed 50 gallons per minute

4. The annual period (inclusive dates) of intended use January 1 through December 31.

5. The probable or intended date of first beneficial use August 14, 1963.

6. The probable or intended date of commencement and completion of the well\* or wells\* August 14, 1963.

7. The location, type, size and depth of well or wells contemplated WELL 1, Section 10, R 14 N, T 19 N, Missoula County, Montana. Dig well 4ft x 10ft deep.

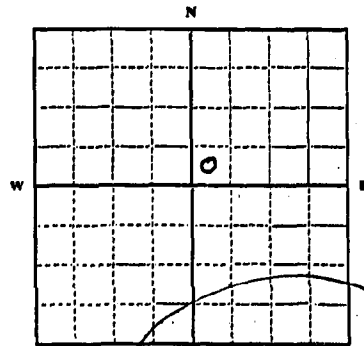
8. The probable or estimated depth of the water table or artesian aquifer at least 10 ft.

9. Name, address and license number of the driller engaged self.

10. Give such other similar information as may be useful

in carrying out the policy of this act.....

N/A



NWSE 1/4 Sec 10 T 19 N R 14 W  
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator.....

Date March 8, 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.

43,965

1781

267090

received and filed this instrument for  
 record on the 23 day of March, 1940  
 at 11:00 o'clock P.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 Verama R. Crosse, County Recorder  
 By *[Signature]* Deputy  
 Fee \$ 2.00 *[Signature]*

Missoula Recorder

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 Terry Nickelson

Address Route 1, Butler Creek

Missoula, Montana

Date well started Aug. 6, 1971

completed Aug. 10, 1971

For Administrator's Use	
File # <u>2223</u>	<u>3/18/21</u>
<u>Jan 19, 1972 8:04am</u>	
GW 1	

Type of well Drilled

Equipment used Churn Drill

Water Use: Domestic  Municipal  Stock  Irrigation

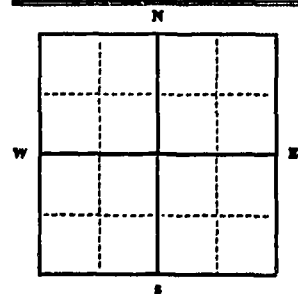
Industrial  Drainage  Other  Garden/Lawn

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind	From (Foot)	To (Foot)
8" I.D.	8" I.D. 17 lb per ft.	17'	51'			
8" I.D. liner	8" I.D. 14 lb per ft.	55'	70'	none		



Static water level 40 ft.\*  
Pumping water level 50 ft.\*  
at 20 gallons per minute,  
measured 3.5 minutes after pumping  
began.

\*Measured from ground level.  
Well developed by AMMP  
for 1 hours.  
Power Elco Pump 3 HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

1/4 SE 1/4 Sec. 18  
T. 14 N. R. 19 E

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

Driller's Signature Elmer Casule

Driller's Address Camp Well Drilling & Pump Supply  
1522 S. 14th W., Missoula, Montana

LICENSE NO. 7

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	15	Butler Creek
		Yellow Clay & Gravel
15	19	Brown Clay & Gravel
19	22	Boulders Clay & Gravel
22	31	Brown Clay & Gravel
31	50	Brown Shale
50	70	Brown Shale & Water

70' Show exact depth of bottom

49,778

47,710

\*2223

311821

I received and used this instrument for  
 record on the 19 day of Jan 1977  
 at 2:01 o'clock P.M. permanent file  
 of Missoula County State of Montana  
 Witness my hand  
 Verance A. Grice, County Recorder  
 By Orville Russell Deputy  
 Fee \$ 2.00 Paid

RECORDED  
 JAN 20 1977  
 MISSOULA COUNTY

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

Owner Terry Mickelson  
Address Rt. 2, Butler Creek, Mula, MT  
Location T.            R.            Sec.  
Doc. No. 2223, 311821

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 enclosed form, the location of the well by township, range and section.

Thank you.

**RECEIVED**

APR 21 1972

MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATION

RECEIVED

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

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.

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.

RECEIVED

APR 21 1972

Owner Terry Hickston

Address Route 1, Butler Creek

Missoula, Montana

Date well started Aug. 6, 1971

completed Aug. 10, 1971

STATE DEPARTMENT OF NATURAL CONSERVATION  
For Administrator's Use  
File # 223, 3/18/71  
Jan 19, 1972 8:04am  
GW 1

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic  Municipal  Stock  Irrigation

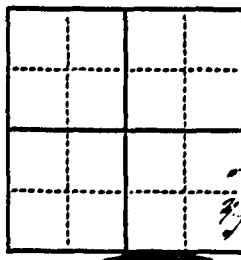
Industrial  Drainage  Other  Garden/Lawn

\*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	From (Feet)	To (Feet)
6" I.D.	6" I.D. 17 lb per ft.	17' above g.l.	51'			
5" I.D. liner	5" I.D. 14 lb per ft.	50'	70'			



Static water level ..... 40 ..... ft.\*  
Pumping water level ..... 50 ..... ft.\*  
at ..... 20 ..... gallons per minute,  
measured .1/8 minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by RAMPS  
for ..... 1 ..... hours.  
Power 1/2 HP Pump 1 HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

SE 1/4 1/4 Sec. 18  
T. 14 N. R. 14 W.

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

Driller's Signature J. L. ...  
Camp Well Drilling & Pump Supply  
Driller's Address 1522 S. 14th W., Missoula, Montana

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
		<u>Butler Creek</u>
	<u>15</u>	<u>Yellow Clay &amp;</u>
		<u>Gravel</u>
<u>15</u>	<u>19</u>	<u>Gravel</u>
		<u>Gravel</u>
	<u>22</u>	<u>oulders Clay &amp;</u>
		<u>Gravel</u>
<u>22</u>	<u>31</u>	<u>Gravel</u>
		<u>Gravel</u>
<u>31</u>	<u>60</u>	<u>Green Shale</u>
<u>60</u>	<u>70</u>	<u>Green Shale &amp;</u>
		<u>Water</u>

LICENSE NO. 7

70' Show exact depth of bottom

(1)

49, 775





2060

296620

I received and filed this instrument for  
 record on the 6 day of March, 1920  
 at 11:30 o'clock A.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 Verance R. Crouse, County Recorder  
 By J. Bellinger, Deputy  
 Fee \$ 2.00 Paid

SEARCHED	INDEXED	SERIALIZED	FILED
MAR 10 1920			
MISSOULA, MONTANA			
RECORDED			
INDEXED			
SERIALIZED			
FILED			
MAR 10 1920			
MISSOULA, MONTANA			
RECORDED			
INDEXED			
SERIALIZED			
FILED			
MAR 10 1920			
MISSOULA, MONTANA			

File No. ....

T. 14 N R. 19 W  
County Missoula

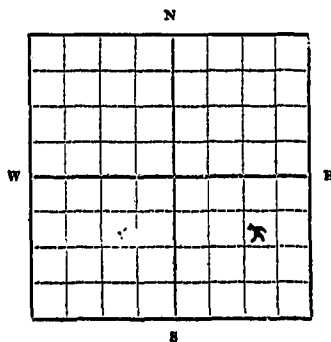
DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JUN 28 1963

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

1. Chester Bergfeld (Name of Appropriator), of 406 S. Grove (Address) Missoula (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. 19, T. 14, R. 19  
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based House and lawn
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1956
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) House and lawn
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof House and lawn
- 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 1954
- 8. The depth of water table 5.8'
- 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 5" casing 5.8' deep
- 10. The estimated amount of groundwater withdrawn each year
- 11. The log of formations encountered in the drilling of each well if available 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

Mary Bergfeld  
Commissioner of State Engineer  
Signature of Owner Chester Bergfeld  
Date 6-27-63

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

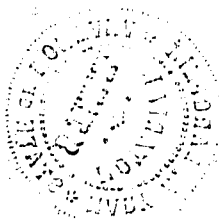
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

#204

207806

I received and filed this instrument for  
 record on the 27<sup>th</sup> day of June, 1963  
 at 2:15 o'clock P.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
**MARTIN S. BEHNER**, County Recorder  
 By Vera Case Deputy  
 Fee \$ 2.00 Paid



MISSOULA COUNTY, MONTANA  
 COUNTY RECORDER'S OFFICE  
 100 CHIEF OF POLICE BUILDING

RECEIVED

AUG 28 1972

County Missoula

19

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION  
Determine 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.

DRILLER'S LOG

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 Loren Deland

Address 1631 W. Central

Missoula, Montana  
59801

Date well started May 15, 1972

completed May 16, 1972

For Administrator's Use	
File	<u>2320 - 320874</u>
Date	<u>Aug. 16, 1972 3:48pm</u>
GW 1	

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

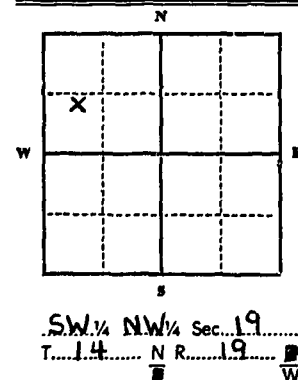
Equipment used Churn Drill  
(Churn drill, rotary or other)

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 3,000,000 GAL.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
<u>6" I.D.</u>	<u>6" I.D. 17 lb per ft. S.I.</u>	<u>1' 6"</u>	<u>74' 2"</u>			



Static water level 9.1 ft.\*  
Pumping water level 20 ft.\*  
at 60 gallons per minute,  
measured 5 minutes after pumping  
began.

\*Measured from ground level.  
Well developed by compressor  
for 1 hours.

Power Don't use pump apply HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff) Flows 4 gpm

Top of Ground (Elev. above sea level)		Well: <u>Butler Creek</u>
From (Feet)	To (Feet)	
<u>0</u>	<u>3</u>	<u>Black Topsoil</u>
<u>3</u>	<u>7</u>	<u>Brown Clay</u>
<u>7</u>	<u>18</u>	<u>Tan Clay</u>
<u>18</u>	<u>21</u>	<u>Tan Clay &amp; Gravel</u>
<u>21</u>	<u>42</u>	<u>Brown Clay &amp; Gravel</u>
<u>42</u>	<u>49</u>	<u>Gray Clay &amp; Sand</u>
<u>49</u>	<u>54</u>	<u>Blue Clay</u>
<u>54</u>	<u>63</u>	<u>Brown Clay</u>
<u>63</u>	<u>73</u>	<u>Gray Clay</u>
<u>73</u>	<u>74' 2"</u>	<u>Gravel &amp; Water</u>

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

Driller's Signature Phil Balke

Driller's Address CAMP WELL DRILLING & PUMP SUPPLY  
1522 S. 14th W., Missoula, Montana 59807

LICENSE NO. 7

74' 2" Show exact depth of bottom

23 20 320894

I received and filed this instrument for  
record on the 16<sup>th</sup> day of May 1922  
at 3:30 o'clock P.M. permanent files  
of Missoula County, State of Montana  
Witness my hand.  
Verama R. Crouse, County Recorder  
By M. J. Crouse Deputy  
Fee \$ 2.00 Paid 2

RECORDED

5000000000

19

File No. ....

T. 14<sup>N</sup> R. 19<sup>W</sup>

DUPLICATE

County .....

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

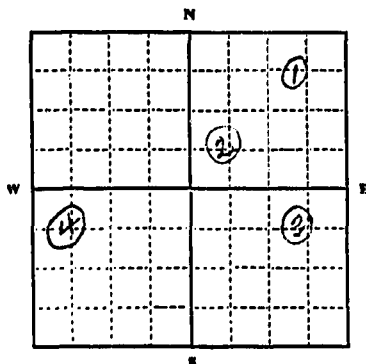
RECEIVED  
 DEC 30 1963  
 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. GRANT CREEK RANCH CORPORATION, of P. O. Box 1519, 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:



1/4 Sec. 9 T. 14N R. 19W

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.....  
 Stock water and irrigation water.....
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
 Continuous use since the date of early settlers in the Missoula area, in about 1860.....
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....  
 Total for four springs - 90 inches.....  
 (see below for detail)
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.....  
 Undetermined acreage on hillsides and in fields adjacent to springs, owned by Grant Creek Ranch Corporation.....
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
 Pipe, trenching, and natural flow, locations: see below.....

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
 Development and improvement of springs has been continuous for more than one hundred years.....
8. The depth of water table.....  
 not applicable.....
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....  
 not applicable.....  
 Amount claimed.....  
 and locations.....  
 of springs:.....
10. The estimated amount of groundwater withdrawn each year.....  
 Same as claimed..... 90 inches.....
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.....  
 .....

GRANT CREEK RANCH CORPORATION  
 Signature of Owner.....  
 Secretary-Treasurer.....  
 Date..... 19 December 1963.....

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

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

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

1527

668 215047  
C

I received and filed this instrument for  
record on the 27th day of Dec 1967  
at 10 o'clock P.M., permanent files  
of Missoula County, State of Montana  
Witness my hand  
MARTIN BEINER, County Recorder  
By \_\_\_\_\_ Deputy  
Fee \$ 2.00 Paid



**RECEIVED**

County Missoula **19**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

DEC 7 1972

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner John Host

Address 1024 Stephens

Missoula, Montana

Date well started Aug. 17, 1972

completed Aug. 18, 1972

For Administrator's Use	
File #	<u>#2381, 325394</u>
Date	<u>Dec. 4, 1972 10:30 am</u>
GW	<u>1</u>

Type of well Drilled

Equipment used Churn Drill

Water Use: Domestic  Municipal  Stock  Irrigation

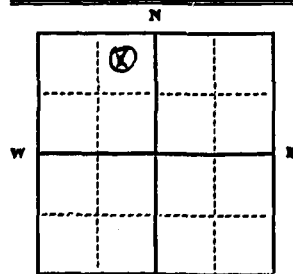
Industrial  Drainage  Other \* Garden/Lawn

\*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind	From (Foot)	To (Foot)
6" ID	6" ID	1' 6" above g.l.	37'			



Static water level 6 ft.\*  
Pumping water level 18 ft.\*  
at 50 gallons per minute,  
measured 2 minutes after pumping  
began.

\*Measured from ground level.  
Well developed by RAMMERS  
for 2 hours.

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

NE 1/4 NW 1/4 Sec. 19  
T. 14 N. R. 19 W.

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

Driller's Signature John Host

Driller's Address 1522 S. 14th W., Missoula, Montana

LICENSE NO. 7

Top of Ground (Elev. above sea level)		Butter Creek
From (Foot)	To (Foot)	
0	10	Blank Dirt & Gravel
10	25	Gray Clay, Gravel Soap of water
25	26	Gravel & Water (5 gpm)
26	36	Tan clay & Gravel
36	37	Sand, Gravel & Water

37' Show exact depth of bottom

51,972

2281

325394

I received and filed this instrument for  
record on the 11 day of Dec 1922  
at 11:30 o'clock P.M. per person file  
of Madison County, State of Montana  
Witness my hand  
Veronique A. Crouse, County Recorder  
By Deana Stein Deputy  
Fee 0.25 Paid cash

RECORDED IN JANUARY 1923

File No. ....

MAR 6 1967

T. 14 R. 19

79

DUPLICATE

Billings \_\_\_\_\_ Mr. Demott \_\_\_\_\_ County Missoula  
 Butte \_\_\_\_\_ Mr. Nulty \_\_\_\_\_  
 Helena \_\_\_\_\_  
 Great Falls \_\_\_\_\_  
 Kalispell \_\_\_\_\_  
 Libby \_\_\_\_\_  
 Missoula \_\_\_\_\_  
 Park \_\_\_\_\_  
 Red Lodge \_\_\_\_\_  
 Glacier House \_\_\_\_\_  
 Dickinson \_\_\_\_\_  
 Dickart \_\_\_\_\_

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

Top of Ground

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

6" soil  
 2' clay  
 rest rock & sand  
 14' deep

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Michael A. Spear Address Grant Co. Rt. 2  
 Driller self Address \_\_\_\_\_

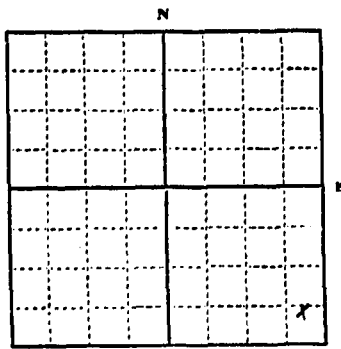
Date of Notice of Appropriation of Groundwater 7/20/66  
 Date well started 7/4/66 Date Completed 7/5/66

Type of well dug Equipment Used back hoe  
 (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)
36" sq. casing	2" x 12" wood	4	14	none		



S.E. 1/4 Sec. 16, T. 14, R. 19.  
 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 4 feet.

Shut-in Pressure for Flowing Well not applicable

Pumping Water Level 3 feet at 7 gal. per minute.

Discharge in gal. per min. of flowing well not applicable

How Tested pump Length of Test 1 hr.

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

Driller's License Number self dug

Driller's Signature Michael A. Spear Sr

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.

41781

1686

258562

I received and filed this instrument for  
record on the 2 day of March 1964  
at 10:15 o'clock P.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
Vergmae R. Crouse, County Recorder  
By Edna J. Mason, Deputy  
Fee \$ 2.00 Paid cash

MISSOULA COUNTY RECORDER'S OFFICE