

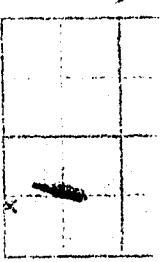
VHO

253027

I received and filed this Instrument for  
 record on the 15 day of Aug, 1964,  
 at 9:15 o'clock P.M. permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 Vermae R. Couse, County Recorder  
 By M. M. Conway Deputy  
 Fee \$ L.O. Paid cash

PART OF FILE

MISSOULA COUNTY RECORDS  
 COUNTY OF MISSOULA, MONTANA  
 INSTRUMENT NO. 253027  
 FILED IN INSTRUMENT BOOK NO. 108



MISSOULA COUNTY RECORDS  
 COUNTY OF MISSOULA, MONTANA  
 INSTRUMENT NO. 253027  
 FILED IN INSTRUMENT BOOK NO. 108

34

File No. ....

T. 13 R. 18

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

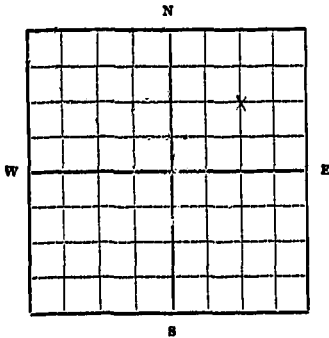
RECEIVED  
DEC 26 1963  
STATE ENGINEER

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

1. Fred G. & Montana M. Felton, of Box 36 Milltown, Montana  
(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:



NE 1/4 Sec 34 T13 R18

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

2. The beneficial use on which the claim is based Domestic and limited irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1891 and steady ever since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 GPM

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1/2 acre lawn sprinkling

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1 H.P. electric 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 App. 18'

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 Hand dug 30" concrete casing 24" deep

10. The estimated amount of groundwater withdrawn each year 100,000 gals.

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

Signature of Owner *Fred G. Felton*

Date

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

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

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

12337

517

214768

I received and filed this instrument for  
 record on the 23 day of Nov, 1963  
 at 7:46 o'clock P.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 MARTIN S. BEHNER, County Recorder  
 By Chas. Lane Deputy  
 Fee \$ 2.50 Paid

RECEIVED  
 MISSOULA COUNTY CLERK  
 MISSOULA, MONTANA  
 NOV 23 1963

MISSOULA COUNTY CLERK  
 MISSOULA, MONTANA

MISSOULA COUNTY CLERK  
 MISSOULA, MONTANA

34

File No. ....

T. 13 N R 18 W

DUPLICATE

County MISSOULA

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1965  
STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

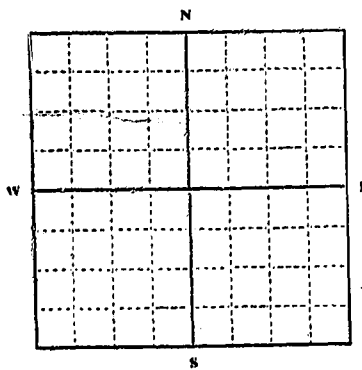
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater MARCH 1942  
Owner Luke M. & Nettie Harris Rt. 4  
Address Missoula, Montana

Contractor (if any) NONE

Address of Contractor .....

Date Started No. Contr. Date Completed .....



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Seepage water from Section #34 to Section #27 & #28, used for sub-irrigation

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 .....

..... $\frac{1}{4}$ ..... Sec..... T..... R.....  
Indicate point of appropriation and place of use, if possible.

This water is from sloughs and is near the surface most of the year. On occasion it becomes necessary to pump water from back-water ponds for irrigation in dry seasons.

Signature of Owner Luke M. Harris  
Nettie M. Harris

Date Dec. 27, 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.

*Barley H. Riser*  
NOTARY PUBLIC For The State of Montana  
Residing at Missoula, Montana  
My Commission Expires May 1, 1965

20023

824 215232

I received 20 filled this instrument to  
record on the 20 of Dec 1953  
at Helena Mont M. permanent files  
of Missoula County, State of Montana  
Witness my hand  
By Walter J. Helmer County Recorder  
Fee \$ 2.00 Paid

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.

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
0	28"	top soil
28"	45'	broken shale rock
45'	55'	shale rock & water

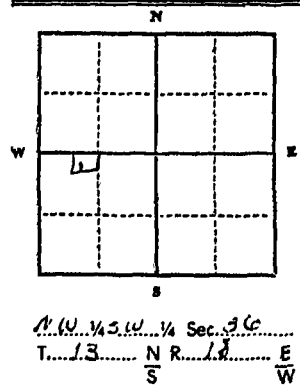
Owner Kevin Brown  
Address Artee Mont  
Date well started Jan 22 1973  
completed Jan 25 1973

For Administrator's Use	
File <u>2463, 930748</u>	
<u>April 17, 1973</u>	
<u>GW 1 10:32 a.m.</u>	

Type of well (X)  
(Dug, driven, bored or drilled)  
Equipment used (X)  
(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).

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<b>6"</b>	<b>6" 17#</b>	<b>0</b>	<b>55</b>			



Static water level 45 ft.\*  
Pumping water level 54 ft.\*  
at 6 gallons per minute,  
measured 60 minutes after pumping began.  
\*Measured from ground level.  
Well developed by Rellox  
for 1 hours.  
Power          Pump          HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature John Farrell  
Driller's Address Artee Mont

52,935

#2463

330748

I received and filed this instrument for  
record on the 17 day of Apr 1913  
at 10:32 o'clock A. M. permanent fees  
of Missoula County, State of Montana  
Witness my hand:  
Dorothy L. Head, County Recorder  
By Walter Johnson, Deputy  
Fee \$ 2.00 Paid



RECEIVED

County Mussula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

JUN 20 1973

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.

(Per 501, Statutes, M.C.A.)

Owner A.C. DAY

Address South 3401 Mountain Dr.

CLINTON  
TURAH MONTANA

Date well started JUNE 20, 1973

completed JUNE 22, 1973

For Administrator's Use		
File #	2596	534643
Date	July 2, 1973	
GW #	9-00-000	

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

Equipment used CHURN  
(Churn drill, rotary or other)

Water Use: Domestic  Municipal  Stock  Irrigation

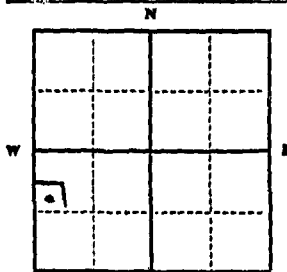
Industrial  Drainage  Other \* Garden/Lawn

\*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. 6-5/8" OD	17 lbs. 1/4" side-wall	ground level	78'	none	none	none



Static water level 58 ft.\*  
Pumping water level 72 ft.\*  
at 11 gallons per minute,  
measured 60 minutes after pumping  
began.

\*Measured from ground level.  
Well developed by 1 1/2 HP PUMP  
for 2 hours.  
Power 220 Pump 1 HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff)

N.W. 1/4 S.W. 1/4 Sec. 36  
T. 13 N.R. 10 E. 3  
W

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

Driller's Signature Thomas J. Williams

Driller's Address 1558 So. 5th W. MISSOULA, MONTANA

LICENSE NO. 151

Top of Ground (Elev. above sea level)		
From (Foot)	To (Foot)	
0	2'	Black dirt gravel and boulder
2'	42'	Tan clay, gravel and boulder
42'	58'	Tan clay, sand and gravel
58'	77'	Pink clay and gravel
77'	78'	Sand, gravel and water

78 ft. Show exact depth of bottom

56043



25  
334643  
I received and filed this instrument for  
record on the 28 day of July 1973  
at 7:00 o'clock A. M. permanent filed  
of Missoula County, State of Montana  
Witness my hand:  
Dorothy L. Head, County Recorder  
By M. M. Conway Deputy  
Fee \$2.00 P46

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

MONTANA

T 13 N R 18 W 36

DUPLICATE

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)



Pit  
Clay Sand & Gravel  
Gravel sand & water

Owner James Kelly Address Turah Mont

Driller John Farrell Address Arlee Mont

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

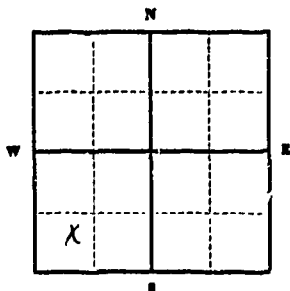
Date well started Oct 17 1966 Date completed Oct 19 1966

Type of well Drilled Equipment used Churn Drill  
(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)
5"	(55" 1414)	0	52.6			



Static Water Level for non-flowing well \_\_\_\_\_ 42 feet.

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

Pumping Water Level \_\_\_\_\_ 46 feet  
at \_\_\_\_\_ 1.5 gal per minute.

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

How Tested PROD

Length of Test \_\_\_\_\_ 1 Hour

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

S.M. Sec. 36 T.13N R.18W  
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.

14  
Driller's License Number

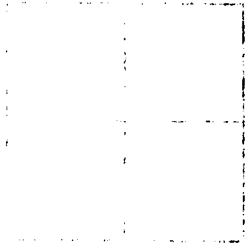
John Farrell  
Driller's Signature

44,256

1803

272371

I received and filed this instrument for  
record on the 21<sup>st</sup> day of June 1968  
at 3:00 o'clock P.M. permanent files  
of Missouri County, State of Missouri  
Witness my hand:  
Verano E. Crouse, County Recorder  
By *[Signature]* Deputy  
Fee \$2.00 Date *[Signature]*



MISSOURI COUNTY RECORDS DEPARTMENT  
RECORDS SECTION  
272371

ADDENDUM

Form:  Declaration of Vested Groundwater Rights  
 Notice of Completion of Groundwater  
Appropriation by Means of Well

Name of  
owner: Matthew A. Klein

Corrected  
land description: 1NW1SW1SW  
Sec. 36 T13N R18W

Initials: CS

File No. ....

SEP 8 1966

T. 13 R. 18 S. 310

DUPLICATE

McDermott County Missoula  
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

LOG

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)

0 to 14' Gravel & Clay  
14' to 30' Sand, gravel, clay & water  
30' to 36' Sand, gravel & water

Owner Mathew A. Klein Address 216 N. 17th, Billings  
Driller Glenn Camp 705 Alder Address Missoula, Mont

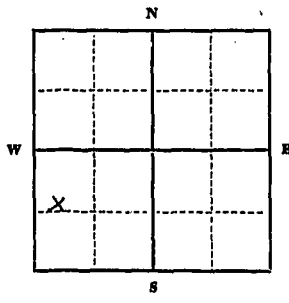
Date of Notice of appropriation of groundwater.....  
Date well started 7/12/66 Date completed 7/13/66

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.D. 17# to foot	20" above G.L.	to 37'-6"	None		



Static Water Level for non-flowing well 14' from top of casing feet.  
Shut-in Pressure for Flowing Well.....  
Pumping Water Level..... feet  
at 75 gal. per minute.  
Discharge in gal. per min. of flowing well.....

How Tested Compressor  
Length of Test 2 hours

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

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

License # 7

Driller's License Number  
Glenn Camp  
Driller's Signature

411369

1646

253603

I received and filed this instrument for record on the 2 day of Sept 1946 at 2 o'clock P.M. permanent files of Missoula County, State of Montana. Witness my hand: Veramae R. Crouse, County Recorder. By M. M. Conroy Deputy. Fee \$ 2.00 paid

MISSOULA COUNTY RECORDS DEPARTMENT  
 200 N. 1st St.  
 MISSOULA, MONTANA

RECEIVED  
 MISSOULA COUNTY RECORDS DEPARTMENT  
 200 N. 1st St.  
 MISSOULA, MONTANA

Notice of Completion of Construction  
 of  
 (Name of Building or Structure)  
 (Address of Building or Structure)  
 (City and State)

THIS NOTICE IS FILED FOR THE PURPOSE OF RECORDING THE COMPLETION OF THE CONSTRUCTION OF THE ABOVE DESCRIBED BUILDING OR STRUCTURE. THE COMPLETION OF THE CONSTRUCTION OF THE ABOVE DESCRIBED BUILDING OR STRUCTURE IS HEREBY CERTIFIED TO BE COMPLETE AND ACCORDING TO THE PLANS AND SPECIFICATIONS ON FILE IN THE OFFICE OF THE COUNTY RECORDER.

MISSOULA COUNTY RECORDS DEPARTMENT

MISSOULA, MONTANA

MISSOULA, MONTANA

MISSOULA, MONTANA

MISSOULA, MONTANA


MISSOULA COUNTY RECORDS DEPARTMENT  
 200 N. 1st St.  
 MISSOULA, MONTANA



\* 2552

334218

I received and filed this instrument for  
record on the 29 day of June 19 73  
at 9:02 o'clock A. M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
Dorothy L. Head, County Recorder  
By J. De. Dyer Deputy  
Fee \$ 2.00 Paid



File No. ....

T. 13 N. R. 13 W. 36

DUPLICATE

County Missoula

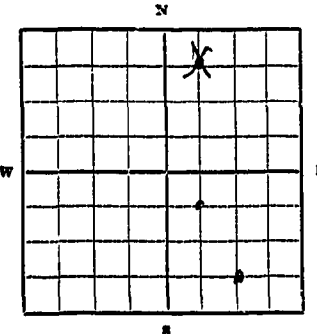
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

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

STATE ENGINEER

1. Malvern Ruby Roske, of Clinton P.F. 22  
(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. 36, T. 13, R. 13

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

- The beneficial use on which the claim is based Household and livestock use
- Date or approximate date of earliest beneficial use; and how continuous the use has been Continuously for at least 30 years.
- The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gallons per min.
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal One is piped from house to back corner.
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater No. one - 30 years unknown. No. two - 9/4 P.A.S.
- The depth of water table 30 feet.
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Back about 30 feet deep.
- The estimated amount of groundwater withdrawn each year 282,000 gallons.
- The log of formations encountered in the drilling of each well if available unknown.
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner M Ruby Roske  
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.

575

214878

*Copy*  
I received and filed this instrument for  
record on the *15* day of *Dec*, 1967,  
at *11:02* 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

RECEIVED

County Missoula

36

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

DRILLER'S LOG

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

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

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

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

Owner BILL RUSSELL

Address

TURAH MONTANA

Date well started JUNE 27, 1973

completed JUNE 28, 1973

Type of well DRILLED

Equipment used CHURN

Water Use: Domestic  Municipal  Stock  Irrigation

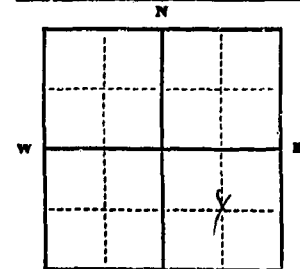
Industrial  Drainage  Other  Garden/Lawn

\*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 (Foot), To (Foot), and PERFORATIONS (Kind Size, From (Foot), To (Foot)).



Static water level 10 ft. Pumping water level 30 ft. at 30 gallons per minute, measured 60 minutes after pumping began.

SW 1/4 Sec 36, T. 13 N R. 18 W

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

Driller's Signature Gen. Williams

Driller's Address 1558 So. 5th N. MISSOULA, MONTANA

LICENSE NO. 151

Top of Ground (Elev. above sea level)

Log table with columns 'From (Foot)' and 'To (Foot)'. Entries include: 0' 11' Sand, gravel and cobble stones; 11' 24' water, sand, silt and gravel; 24' 27' Tan clay, sand and gravel; 27' 32' water and sand; 32' 32'7" water, sand and gravel.

32 ft. 7 in. show exact depth of bottom

#2570

334297

I received and filed this instrument for  
record on the 29 day of April 1913  
at 12:30 o'clock P. M. permanent files  
of Missoula County, State of Montana  
Witness my hand:  
Dorothy L. Head, County Recorder  
By C. J. [Signature] Deputy  
Fee \$2.00 Paid

ADDENDUM

Form:  Declaration of Vested Groundwater Rights  
 Notice of Completion of Groundwater  
Appropriation by Means of Well

Name of owner: Raymond Anthony

Corrected land description:                       
Sec.        T        R       

Initials: CS (no info)

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

DEC 21 1965

T. 13 R. 17W 2

DUPLICATE

By: \_\_\_\_\_ McDermott \_\_\_\_\_  
Sub: \_\_\_\_\_ McNelly \_\_\_\_\_  
Coy: \_\_\_\_\_ McRion \_\_\_\_\_  
District: \_\_\_\_\_ Sullivan \_\_\_\_\_

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER



Top of Ground (Elev. above sea level.....)  
0 to 1' Top soil  
1' to 24' Sand & fine gravel  
24' to 27' Clay, gravel & boulders  
27' to 64' Clay & gravel  
64' to 81' Sand & gravel with water

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Raymond Anthony Address Box 372, Milltown

Driller: Glenn Camp 705 Alder Address Missoula, Mont

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

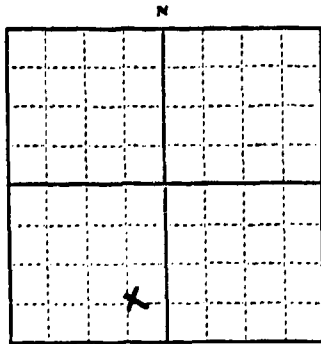
Date well started 3/26/64 Date Completed 3/31/64

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)
3"	3" I.D. seamless 14 lbs to feet	1' above G.L.	to 62'-6"	None		



1/4 Sec. T. R.  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 64' from G.L. feet.

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

Pumping Water Level 67 feet at 15 gal. per minute.

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

How Tested Bailer & pump Length of Test 1 hour

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.

40098

1541

245002

I received and filed this instrument for  
 record on the 17 day of Dec 1965  
 at 1:45 o'clock P.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 Wallace H. Chase, County Recorder  
 By John Beckwith, Deputy  
 Fee 2.00 Paid

GRAND JURY CONSTITUTION BOARD

DEC 21 1965

0

ADDENDUM

- Form:  Declaration of Vested Groundwater Rights  
 Notice of Completion of Groundwater Appropriation by Means of Well

Name of owner: \_\_\_\_\_

Corrected land description: \_\_\_\_\_  
Sec. \_\_\_\_\_ T \_\_\_\_\_ R \_\_\_\_\_

Initials: AS

*no info with which to locate well*



RECEIVED  
APR 16 1958

T. 13 R. 19 ?  
County: Missoula

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner: F.H. Kriffen Address: Missoula  
 Driller: John Farrell Address: \_\_\_\_\_  
 Date Started: 17 March 1958 Date Completed: 19 March 1958  
 Location: Sec \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ ¼ sec \_\_\_\_\_

Type of well: Domestic (Bug, driven, bored, or drilled) Equipment used: \_\_\_\_\_ (Carn drill, rotary, other)

Water use: Domestic  Municipal  Stock  Irrigation   
 Industrial  Drainage  Other: \_\_\_\_\_

Casing: 5 ft. to 40 ft. Type: Black Size: 4"

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type: \_\_\_\_\_ Size: \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type: \_\_\_\_\_ Size: \_\_\_\_\_

Perforated or Screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations: \_\_\_\_\_

Static Water level, for non-flowing well: 25' feet.

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

Pumping water level: 34' feet at 34' gal. per min. 10

How tested: Pump

Length of test: 1 hr

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

\_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_



(over)





GW 2

Doc. No. 306285  
Filed for record

Approved Stock Form—State Publishing Co., Helena, Montana—45642

File No. his 10 day of August

T. 13N R. 17W

A. D. 19 71, at 3:58

DUPLICATE

clock P. M.

MONTANA WATER RESOURCES BOARD

County Missoula

LOG

RECEIVED

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

AUG 12 1971

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

(Under Chapter 237, Montana Session Laws, 1961)

- 0-8      **Boulders & Clay**
- 8-25    **Clay, Gravel & Water**
- 25-37   **Sandy Clay, Water**
- 37-45   **Sand, Gravel & Water**
- 45-46'8" **Gravel & Water**

Owner Robert Samba Address Rainbow Bend Banner, Montana

Driller Glenn Camp Address 1522 S. 14th W. Missoula, Montana

Date of Notice of appropriation of groundwater.....

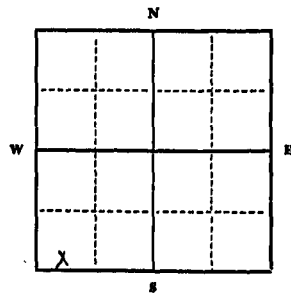
Date well started March 22, 1969 Date completed March 31, 1969

Type of well Drilled Equipment used Churn Drill  
(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" I.D.	6" I.D.	7' above G.L.	46'6"		none	



Static Water Level for non-flowing well 16' feet.

Shut-in Pressure for Flowing Well from G.L.

Pumping Water Level 18' feet at 75 gal. per minute.

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

How Tested Compressor

Length of Test 2 hours 15 min

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

S 1/2 SW 1/4 Sec. 2 T. 13N. 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).

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.

License # 7  
Driller's License Number

Glenn Camp  
Driller's Signature Glenn Camp

48862

#2162

306285

I received and file this instrument for  
 record on the 10 day of Aug. 1971  
 at 2:58 o'clock P.M. northern file  
 of Missoula County, State of Montana  
 Witness my hand.  
 Thomas H. Crease, County Recorder  
 By *Bonella J. Manning*, Deputy  
 Fee \$2.00 Paid


MISSOULA COUNTY RECORDS DEPARTMENT  
 100 WEST WASHINGTON  
 MISSOULA, MONTANA 59801  
 PHONE 544-2111

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

T. 13<sup>N</sup> R. 17<sup>W</sup>

DUPLICATE

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

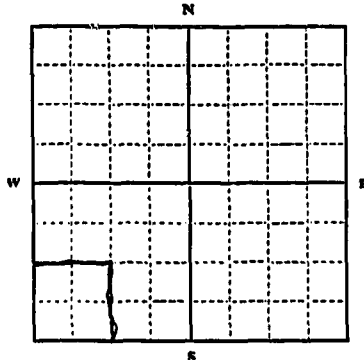
RECEIVED  
JAN 13 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Loren C. & Ann Lemax, of Star Route Bonner Mont.  
(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:



S/2, E/4 Sec. 2 T. 13N R. 17W  
2

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...  
July, 1959  
daily average

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof...  
no

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...  
Jacuzzi pump, app. 3 feet from south wall of house at center

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...  
July, 1959 date unknown

8. The depth of water table...  
32 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...  
32 feet deep- 1 inch pipe

10. The estimated amount of groundwater withdrawn each year...  
est. 7000 gals.

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

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...  
Warranty Deed Book 226 Page 444

Signature of Owner: Loren C. Lemax  
Date: 4 Jan. 1964

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.

31423

Q-2

216041

I received and filed this instrument for  
 record on the 7<sup>th</sup> day of January 1950  
 at 7:12 o'clock P.M., pursuant to the  
 of Missoula County, State of Montana  
 Witness my hand:  
**MARTIN S. REHNER**, County Recorder  
 By Martin S. Rehner Deputy  
 Fee \$ 2.00 P.M.

File No. ....

T. 13 N. R. 17 W. 2

DUPLICATE

County.....

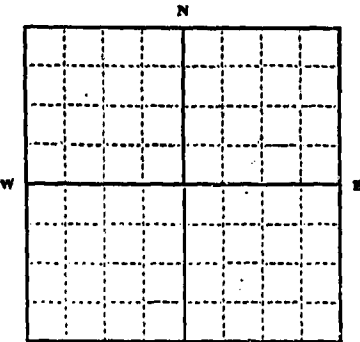
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. William James Taggart, of Star Route Bonner  
(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:



PT. NE 1/4 SW Sec. 2 T. 13 R. 17  
NW SE

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 3 residences

3. Date or approximate date of earliest beneficial use; and how continuous the use has been October 1953  
Continually

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 60 gallons per min. (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  
Lawns William James Taggart

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater October 1953 (~~Drilled and Completed~~)

8. The depth of water table 40 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 Jacuzzi Injector Jet Pump  
3450 R.P.M. (60 Cycle)

10. The estimated amount of groundwater withdrawn each year Don't Know

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

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

Signature of Owner William James Taggart  
Date Dec. 31, 1963

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

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

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

20350



1291

*COPY*  
I received and filed this instrument for  
record on the 31st day of Dec. 19 63  
at 108 1/2 South 1st St. permanent files  
of Missouri County, State of Missouri  
Witness my hand  
County Recorder  
By *Martin* Deputy  
Paid

3

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

T. 13 N. R. 17 W

DUPLICATE

County Missoula

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER

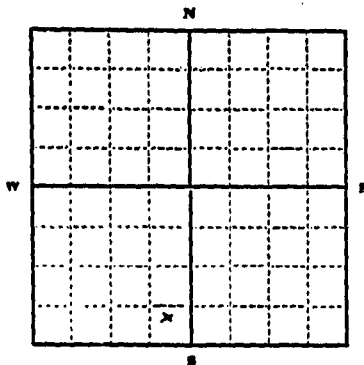
RECEIVED  
 DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. C. F. Sandford of Banner, Mont.  
 (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. 3 T. 13 N. R. 17 W

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

2. The beneficial use on which the claim is based Horse feed, Limestone, and Fire Protection Irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1-1-62 and every day since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Eight (8) gallons per minute Don't know
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 Garden 430' x 50' C.F. + Vall Sandford
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1 1/2 horse power electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Don't know
8. The depth of water table 40 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 1 1/2 in pipe w. 6 in casing
10. The estimated amount of groundwater withdrawn each year 8 gallons per minute
11. The log of formations encountered in the drilling of each well if available Don't know
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 Don't know

Signature of Owner C. F. Sandford  
 Date December 12, 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.

15148

File 214448

I received and filed the instrument  
record on the 26 day of Dec 1963  
at 10:00 o'clock A.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
M. J. BURTON, County Recorder  
By: *M. J. Burton* Deputy  
Fee \$ 5.00 Paid

File No. ....

T 13 N R 17 W

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Dec. 13, 1963

Owner Vail Sanford  
C. F. Sanford Address Bonner, Mont.

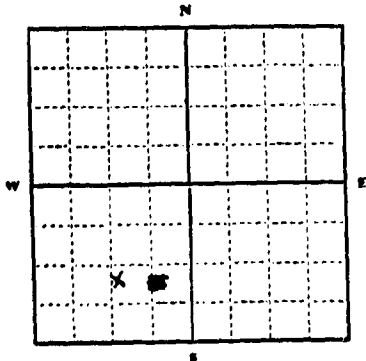
Contractor (if any) None

Address of Contractor None

Date Started NATURAL SPRING Date Completed NATURAL SPRING

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

Runs out at Ground and Subs.



SW 1/4 Sec. 3 T13N R17W  
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. estimate

30 gallons per minute

also used year Round  
For stock water.

Signature of Owner C. F. Sanford

Date December 23, 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.

547

214849

I received and filed this instrument in  
record on the 20th day of Nov 1963  
at 12:30 o'clock P.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
MARTIN S. BEYER County Recorder  
By Walter J. Beck Deputy  
Fee \$ 2.00 Paid

File No. ....

T. 13N R 17W

DUPLICATE

County MISSOULA

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 287 Montana Session Laws, 1961)

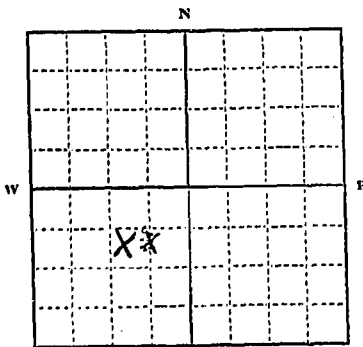
Date of Appropriation of Groundwater DECEMBER 23, 1963

Owner C.F. AND VAL SANDFORD Address BONNER, MONT.

Contractor (if any) NONE

Address of Contractor NONE

Date Started NATURAL SPRING Date Completed NATURAL SPRING



S.W. 1/4 Sec. 3 T. 13N R. 17W

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. SUB IRRIGATION

RUNS OUT OF GROUND AND SUBS.

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. I ESTIMATE

30 GALLONS PER MINUTE

ALSO USED YEAR ROUND FOR

STOCK WATER

Signature of Owner C. F. Sandford

Date DECEMBER 23 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.

548 214850

I received and filed this instrument for  
record on the 26 day of Dec 1963  
at 12 o'clock P.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
MARTIN S. DEWIS County Recorder  
By Walter J. Nelson Deputy  
Fee \$ 2.00 Paid



7

File No. ....

T. 13 N R. 17 W.

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED

NOV 23 1970

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I, Eugene F. Donaldson of 3104 Tina Ave Missoula  
(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 (Drinking Lawns Gardens)  
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed 45 GALS.

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

5. The probable or intended date of first beneficial use Feb 1971

6. The probable or intended date of commencement and completion of the well\* or wells\* Dec 1970 or Jan 1971

7. The location, type, size and depth of well or wells contemplated 3102 Tina Ave. Mullan Road Area Drilled 5 In. 75 Ft.

8. The probable or estimated depth of the water table or artesian aquifer 65 Ft.

9. Name, address and license number of the driller engaged Harold K. Pickens 3624 South Ave. Missoula, Montana #71

10. Give such other similar information as may be useful

in carrying out the policy of this act...

At present time there is a well drilled

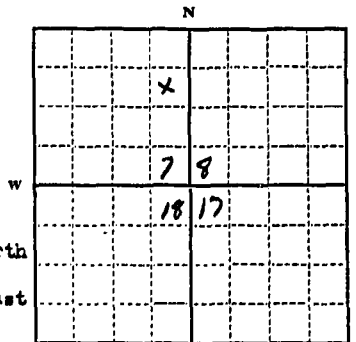
125 NE of this well owned by me drilled

by H. K. Pickens. Well is to be 115 FT.

East of South West corner and 10 FT. North

of property line and 111 FT. West of South East

corner of lot 2 Charlies Addition block 1.



SE 7 13 N 17 W.  
Locate well or other means of development as accurately as possible on the plat.

Doc. No. 296990 -  
Filed for record  
this 18 day of November  
A. D. 19 70, at 1:40  
o'clock P. M.

Signature of Appropriator Eugene F. Donaldson  
Date Nov 15, 1970

\* 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.

47793



2067

296890

I received and filed the instrument for  
record on the 18<sup>th</sup> day of Dec. 1912  
at 1:40 o'clock P.M. before me  
in Rowan County, State of North Carolina  
Witness my hand  
Veranda R. George, County Recorder  
By M. M. Conroy Deputy  
For 2.00 Add Cash

File No. ....

T. 13 N. R. 17 W. 8

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

Developed After January 1, 1962

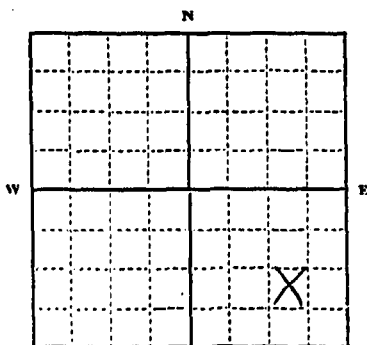
(Under Chapter 237 Montana Session Laws, 1961)

MONTANA WATER RESOURCES BOARD

RECEIVED

MAY 1 1962

Date of Appropriation of Groundwater.....  
Owner Vida P. Hallgren Address Bx 85 Mulltown  
Contractor (if any) None  
Address of Contractor .....  
Date Started May 1962 Date Completed 1962



N 27 S 27  
and S 27 1/4 Sec 8 T 13 N R 17 W

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

- 1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.)..... Developed Spring
- 2) Means of withdrawing water (gravity, pump, canal, etc.)..... Gravity
- 3) Depth of water table 4 ft under 4 ft deep
- 4) Use of the water irrigating
- 5) Amount of groundwater claimed (in miner's inches, or gallons per minute)..... 4"
- 6) If used for irrigation, give number of acres and description of land..... 2.2 acres
- 7) Estimate amount of water used each year Unknown

Signature of Owner Mrs. Vida Hallgren

Date April 29, 1962

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.

45,182

1876  
C

280743

I received and filed this instrument for  
record on the 24 day of Apr. 19 69  
at 10:00 o'clock A.M. permanent files  
of Missoula County, State of Montana  
Witness my hand  
Vernon H. Crease, County Recorder  
By *Marthy L. Neal* Deputy  
Fee \$ 2.00 Paid *cash*

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

T. 13 N. R. 17 W.

DUPLICATE

County. Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

MONTANA WATER RESOURCES BOARD

Developed After January 1, 1962

RECEIVED

(Under Chapter 237 Montana Session Laws, 1961)

MAY 1 1962

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

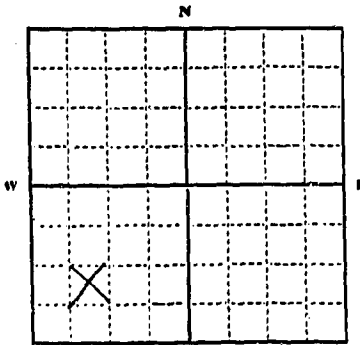
Date of Appropriation of Groundwater. May - 1962

Owner. Nils Hallgren Address. Box 85

Contractor (if any). None

Address of Contractor \_\_\_\_\_

Date Started May - 1962 Date Completed. 1962



and S. 2 1/4 Sec. 8 T. 13 N. R. 17 W.

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

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) developed spring

2) Means of withdrawing water (gravity, pump, canal, etc.) Gravity

3) Depth of water table. 6 ft deep 5' ft wide

4) Use of the water. domestic irrigating, reservoir use

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) 6''

6) If used for irrigation, give number of acres and description of land. 2.2 acres

7) Estimate amount of water used each year. Unknown

Signature of Owner. Mrs Nils O. Hallgren

Date. April 29, 1962

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.

1877

280744

I received and filed this instrument for  
 record on the 29 day of Apr. 1969  
 at 10:05 o'clock A.M. in the office of the  
 of Missouri County State of Missouri  
 Witness my hand  
 Vernon B. Cramer, County Recorder  
 By *Martha L. Hunt* Deputy  
 Fee \$ 3.00 *cash*

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

STATE WATER CONSERVATION BOARD

T. 13 N. R. 17 W

DUPLICATE

MAR 6 1967

County Missoula

LOG

STATE OF MONTANA  
 ADMINISTRATOR OF GROUNDWATER CODE  
 OFFICE OF STATE ENGINEER  
 Helena, Montana

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner John J. Huffman and Valborg M. Huffman Address P. O. Box 144 Missoula, Montana

Driller Becha Well Drilling Address Arles, Montana

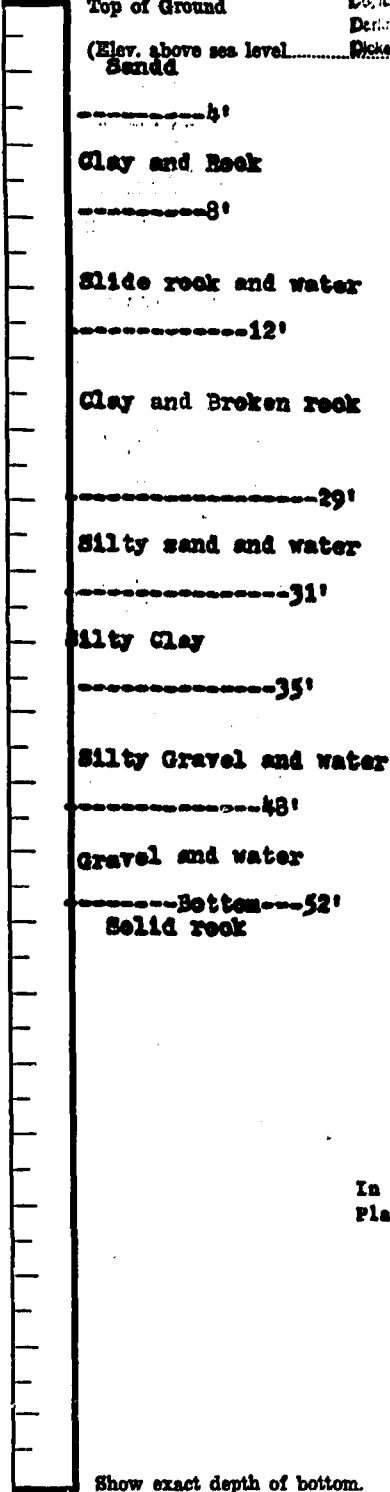
Date of Notice of appropriation of groundwater Nov. 22, 1966

Date well started Nov. 22, 1966 Date completed Nov. 26, 1966

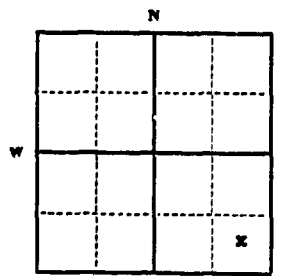
Type of well Drilled Equipment used Churn Drill  
 (Dug, driven, bored or drilled) (Churn drill, rotary or other)

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	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
6"	6" I.D. 17.68#	176" above G.L.	52	NONE		
				NONE		



Static Water Level for non-flowing well 86 feet.  
 Shut-in Pressure for Flowing Well N/A  
 Pumping Water Level 38 feet  
 at 24 gal. per minute.  
 Discharge in gal. per min. of flowing well \_\_\_\_\_  
 How Tested PUMP  
 Length of Test 1 Hour  
 Remarks: (Gravel packing, cementing, packers, type of shutoff) \_\_\_\_\_

In SE 1/4 Sec. 8 T. 13N R. 17 W  
 Plat x 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).  
Household

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.

One Sixty Three  
 Driller's License Number  
Donald R. Becha  
 Driller's Signature.

087

258565

I received and filed this instrument for  
record on the ..... day of ..... 19..  
at ..... o'clock .. P.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
Vermae R. Clouse, County Recorder  
By ..... Deputy  
Fee \$ ..... Paid


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

T 13<sup>N</sup> R 17<sup>W</sup>

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JUL 27 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 7' Pit

7' to 26' Sand, gravel & boulders

26' to 29' Sandy Clay

29' to 31' ~~clay~~ gravel

& water

31' to 39' Sand, gravel

& water

39' to 41' Clay

41' to 48' Gravel & water

Owner Jacob A. Stefer Address Banner, Montana

Driller Glenn Camp 705 Alder Address Missoula, Montana

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

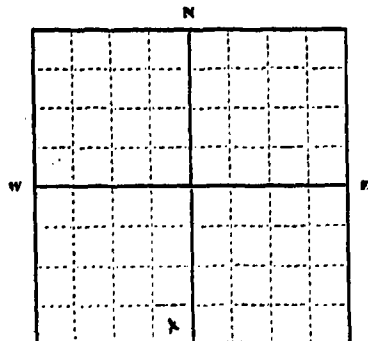
Date well started 6/11/64 Date Completed 6/12/64

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 (Foot)	To (Foot)	PERFORATIONS		
				Kind Size	From (Foot)	To (Foot)
6"	6" I.D.	1' above pit				
	10.97 # to feet	Floor to 41'-2"		None		



S1/2 Sec. 8 T. 13N R. 17W

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 15' from G.L. feet.

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

Pumping Water Level 15 feet at 20 gal. per minute.

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

How Tested test 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.

38330



04-7

223/20

I received and filed this Instrument for record on the 24<sup>th</sup> day of June 1964 at 2:30 o'clock P.M. permanent files of Missoula County, State of Montana  
 Witness my hand  
 Verano R. Crouse, County Recorder  
 By Maathly Head, Deputy  
 Fee \$ 07 Paid

RECORDED  
 JUN 25 1964


1

MISSOULA COUNTY RECORDER  
 MISSOULA, MONTANA

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

T. 13 R. 17

DUPLICATE

County Missoula

MONTANA WATER RESOURCES BOARD  
**RECEIVED**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

LOG

Top of Ground

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

0-54 Gravel & Clay

54-58 Sand, Gravel, Clay & Water

58-59 Gravel & Water

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner WALLACE WELLER Address Box 481, Banner, Mont

Driller Glenn Camp Address 1522 S. 14th W. Missoula, Montana

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

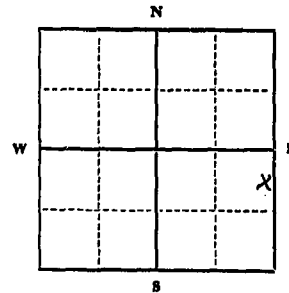
Date well started April 7, 1969 Date completed April 9, 1969

Type of well Drilling Equipment used Churn Drill  
(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" I.D.	6" I.D. 17 lb per ft.	1' 10" above G.l.	59'		none	



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

Drawdown - 2' Shut-in Pressure for Flowing Well \_\_\_\_\_

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

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

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

How Tested Air Compressor

Length of Test 3 Hours

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

NE 1/4 Sec. 8 T. 13. R. 17  
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.

License # 7

Driller's License Number

Glenn Camp  
Driller's Signature Glenn Camp

45,154

1872

DUPLICATE

280357

I received and filed this instrument for record on the 15<sup>th</sup> day of April 1914 at 12:50 o'clock P.M., pursuant to the of Missoula County, State of Montana

Witness my hand:

Varance R. Crouse, County Recorder

By Wm. M. Conroy, Deputy

Fee \$ 2.00 Paid

RECORDED

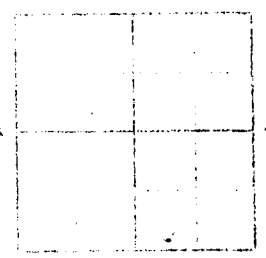
APR 15 1914

CLERK OF STATE RECORDS

DEPARTMENT OF COMMERCE

WASHINGTON, D. C.

INDEXED



RECORDED

APR 15 1914

INDEXED

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

**RECEIVED**

T. 13 R. 17

**DUPLICATE**

MAR 2 1970

County Missoula

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
STATE WATER CONSERVATION BOARD

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, as amended)

Owner Thomas A. Clark Address Bozeman, Montana

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

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

Date well started \_\_\_\_\_ Date completed \_\_\_\_\_

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

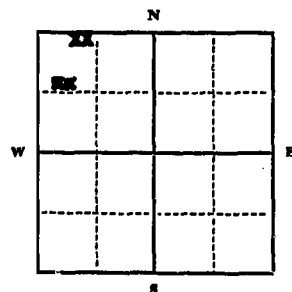
Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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)

Doc. No. 288970  
Filed for record  
this 25 day of February  
A. D. 19 70, at 3:00  
o'clock P.M.



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

W 1/4 Sec. 17 T. 13 R. 17  
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.

Driller's License Number \_\_\_\_\_

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

46210

1960

288970

I received and filed this instrument for  
 record on the 25<sup>th</sup> day of Feb. 1970  
 at 3:00 o'clock P.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 Verance R. Crouse, County Recorder  
 By John C. Crouse Deputy  
 Fee \$ 2.00 Paid ✓


Instrument No. 288970 of 2/25/70  
 By \_\_\_\_\_  
 Verance R. Crouse, County Recorder  
 Missoula, Montana

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

MONTANA WATER RESOURCES BOARD

T. 23 R. 27

DUPLICATE

RECEIVED

County: Missoula

LOG

MAR 2 1970

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 3,223)

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)



0 - 2 1/2 top soil

Owner: Tom Clark Address: Bozeman Montana

2 1/2 - 14 clay & gravel mixed

Driller: Harold K. Pickens Address: 3624 So. Ave. Nela

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

Date well started: 4/3/67 Date completed: 4/7/67

14 - 27 sand & water

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

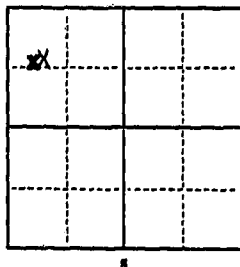
Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

27 - 33 red 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 - 38 gravel & water

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 inch	5 1/2 o.d. 16 lbs per ft.	0	33	none		



Static Water Level for non-flowing well: 14 ft. of depth

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

Pumping Water Level: 15 ft. of depth  
at: 35 gal. per minute.

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

How Tested: compressor

Length of Test: 2 1/2 hrs.

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

Doc. No. 288971  
Filed for record  
this 25 day of February  
A. D. 19 70, at 3:05 W  
o'clock P.M.

1/4 Sec. T. 23 R. 27  
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.  
38 ft.

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

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

71  
Driller's License Number

Harold K. Pickens  
Driller's Signature.

4620

County Missoula

Twp. 13 North Rge. 16 West

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
7	Chaff, Jim	GW 2	274995	
7	Tobol, Bob	GW 2	317748	
8	Allen, Henry	1957 Log	180513	
8	Beccaria, Paul	GW 2	316824	
8	Millers, Eugene	GW 2	318439	
8	Tobol, Mary	GW 2	33839	
8	Donnerman, Peter	GW 2	317973	
10	Wells, Roy E.	GW 1	213265	File GW 16 No GW 2
11	Bondum, Marshall	GW 3	213966	
13	Hall, Russell	GW 4	21864	
13	Hall, Russell	GW 4	214865	
13	Hall, Robert M.	GW 3	251894	
14	Bondum, Marshall	GW 4	213965	
14	Bondum, Marshall	GW 3	213968	
14	Cook, Leonard E.	GW 4	215467	
14	Matziel, Dick	GW 3	216029	
14	Neyo, Henry F.	GW 4	214866	
14	Neyo, Pat & Maetta	GW 4	215225	
14	Rock, Raymond	GW 4	215464	
14	Primman & Brooker	GW 4	216010	
14	School Dist # 11	GW 4	215893	
14	Wells, Bulah	GW 2	232114	
14	Wells, Roy D.	GW 2	238430	
15	Wells, Roy R.	GW 3	282289	
15	Wells, Roy R.	GW 2	226950	
15	Wells, Roy	GW 2	209461	
16	Mecke, William E.	GW 2	280985	
16	More, Florence	GW 4	213780	
18	Wells, Tom	GW 2	32738	
21	Prun, Tennett	GW 2	215160	

P  
G  
R  
S

11/1/11

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

T. 13 N. R. 16 W.

DUPLICATE

MONTANA WATER RESOURCES BOARD  
**RECEIVED**

County Missoula

LOG

OCT 1 1968

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)



Owner Jin G. Katsy, Chaff. Address Same

Driller Kane Water Well Drilling Address S. Regis

Date of Notice of appropriation of groundwater 8/68

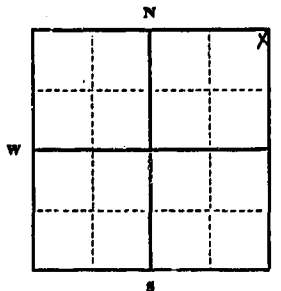
Date well started 8/68 Date completed 8/68

Type of well drilled Equipment used slur  
(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	6x .250	0	127 1/2	does not apply		



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

Shut-in Pressure for Flowing Well 44

Pumping Water Level 95' feet at 1.3 gal. per minute.

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

How Tested bailed, pumped

Length of Test 4 hours

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

N.E. 1/4 Sec. 7, T.13 N. R.16 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.

23  
Driller's License Number

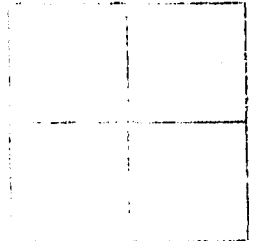
[Signature]  
Driller's Signature

44,616



1824 - 274995

I received and filed this Instrument for  
record on the 21st day of Sept 1968  
at 10:50 o'clock A.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
Verance R. Crouse, County Recorder  
By M. J. Conroy, Deputy  
Fee \$2.00 Paid Recd



MISSOULA COUNTY, MONTANA  
RECORDED

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 Bob Tobal

Address Pateman, Montana

Date well started May 12, 1972

completed May 25, 1972

Type of well Drilled

Equipment used Churn Drill

Water Use: Domestic  Municipal  Stock  Irrigation

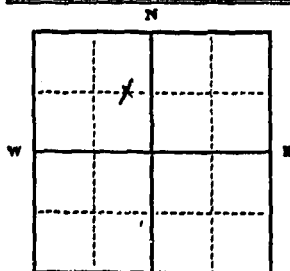
Industrial  Drainage  Other \* Garden/Lawn

\*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 (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
6" I.D.	6" I.D. 17 lb per ft. g.l.	1' 6" above	129' 1"	None		



N.E. 1/4 Sec. 7  
T. 13 N. R. 14 E. S. 7

Static water level 30 ft.\*  
Pumping water level 70 ft.\*  
at 22 gallons per minute,  
measured 5 minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by RODERS, G.S.  
for 1 hours.  
Power Deere Pump, 30 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 Phil Babbie  
CAMP WELL DRILLING & PUMP SUPPLY  
Driller's Address 1522 S. 14th W., Missoula, Montana 59807

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	8	Broken Rock & Brown Clay
8	12	Brown Clay
12	42	Brown Clay & Gravel
42	84	Red Clay & Gravel
84	90	Broken Rock & Clay
90	94	Broken Rock & Seep of Water
94	150	Broken Rock
150	227	Solid Rock
227	229	Rock & Water

229' Show exact depth of bottom

LICENSE NO. 7

50,583

2

228.1

317748

I received and filed this instrument for  
 record on the 2 day of Jan, 1928,  
 at 10:54 o'clock A.M., permanent file  
 of Missoula County, State of Montana  
 Witness my hand.  
Vernon B. Cragg, County Recorder  
 By Maude Thompson, Deputy  
 Fee \$ 2.00 Paid

1928 JAN 2 10 54 AM  
 MISSOULA COUNTY RECORDS  
 MISSOULA, MONTANA

1928 JAN 2 10 54 AM  
 MISSOULA COUNTY RECORDS  
 MISSOULA, MONTANA

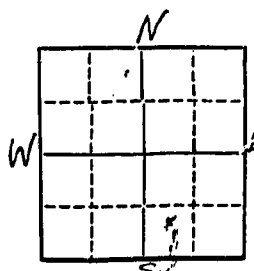
T. 13 R. 16  
County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
APR 19 1961

WATER WELL LOG

STATE ENGINEER



Owner Henry & Gladys Allen Address Banner, Montana

Driller John Thomas Address unknown

Date Started May 1, 1950 Date Completed May 1, 1950

Location: Sec. 8 T. 13 R. 16 1/4 sec. South east

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other:.....

Casing: 8.4 ft deep ft. to..... ft. Type iron Size 6"

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

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

Perforated or Screened: Ft..... to ft..... Ft..... to ft.....

Type of screen or perforations.....

Static Water level, for non-flowing well: 6.3 feet.

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

Pumping water level..... feet at..... gal. per min.

How tested:.....

Length of test.....

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

(over)