

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

T. 13<sup>N</sup> R. 18<sup>W</sup> T. 1

DUPLICATE

NOV 30 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)

Top of Ground	(Elev. above sea level _____)
0-6	Pit
6-28	Clay, Gravel, Cobblestones
28-31	Boulder
31-64	Clay, Gravel and Cobblestones
64-86	Sand, Gravel Water

Owner Ralph Yule Address Milltown, Montana  
CAMP WELL DRILLING & PUMP SUPPLY 1522 S. 14th W.  
 Driller ELMER SHEPPL Address Missoula, Montana

Date of Notice of appropriation of groundwater \_\_\_\_\_  
 Date well started June 29, 1970 Date completed June 23, 1970

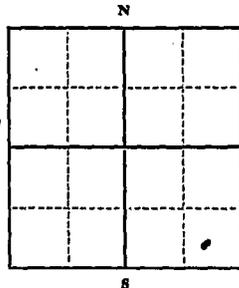
Type of well Drilled Equipment used Churn Drill  
 (Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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. 17 lb per ft.	6" above pit floor	96'			

Doc. No. 297160  
 Filed for record  
 this 25 day of November  
 A. D. 19 70, at 10:15  
 o'clock P M.



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

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

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

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

How Tested Test Pump

Length of Test 1 hr

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

SE 1/4 Sec. 17 T. 13 N. R. 18 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.

Licenses 7  
 Driller's License Number

Elmer Sheppl  
 Driller's Signature  
 DRILLING & PUMP SUPPLY  
 47816

DEPARTMENT OF REVENUE  
MISSOURI  
2066

297160

I received and filed this instrument for record on the 25 day of Nov 19 70 at 11:15 o'clock A.M. pursuant to the of Missouri County, State of Missouri  
Witness my hand.  
James R. Grusec, County Recorder  
By James R. Grusec, Deputy  
Fee's 2.00 Paid

OFFICE OF THE COUNTY RECORDER  
DEPARTMENT OF REVENUE  
STATE OF MISSOURI  
JAMES R. GRUSEC, COUNTY RECORDER  
JAMES R. GRUSEC, DEPUTY


Number of Pages  
How Many  
Particulars in each copy of Record  
of  
Book No. 1234  
Page No. 1234  
Group Name Paid for this Record

File No. ....

T 13N R 18W

DUPLICATE

County Missoula

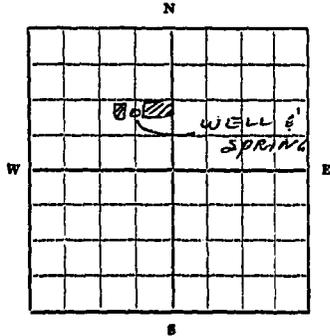
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1963  
STATE ENGINEER

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

Lloyd E. McDowell & Martin J. Briggeman, of Route 4, 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:



NW 1/4 Sec. 18 T. 13N R. 18W

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, lawn, garden, humane and animal
- Date or approximate date of earliest beneficial use; and how continuous the use has been continuous use since 1921 without interruption
- The amount of groundwater claimed (in miner's inches or gallons per minute) 28 gallons per minute present pump capacity, 200 gallons per minute potential use.
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 3 acres of lawn and garden
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal dug well with 2 pumps at present, well and spring are located approximately 125' north of point where Marshall Creek enters the Clark Fork River.
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1921 with improvements until present
- The depth of water table 12 feet (part is over-flow as spring water into Marshall Creek channel)
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 30" concrete pipe 6 feet deep in 12 x 12 pump house
- The estimated amount of groundwater withdrawn each year 200,000 gallons with present facilities
- The log of formations encountered in the drilling of each well if available 2 foot top soil, remainder gravel.
- 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 right now owned and used by Martin Briggeman, was deeded to G. V. & Ruby Scott by Lloyd E. and Meta McDowell on January 1, 1953.

*Martin J. Briggeman*  
Signature of Owner Lloyd E. McDowell  
Date Dec. 31, 1962

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.

20060

914

215387

Copy

I received and filed this instrument for  
record on the 31 day of Dec. 1942  
at 11:20 o'clock A.M. permanent files  
of Missoula County, State of Montana  
Witness my hand:  
MARTIN S. REYNOLDS, County Recorder  
By *Martin S. Reynolds*  
Fee \$..... Paid

RECEIVED

County Missoula

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 Michael and Aili Donitrovich  
Address Route #4  
Missoula, Montana 59801  
Date well started 6/10/64  
completed 6/12/64

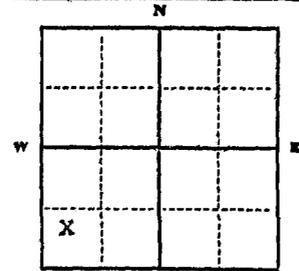
For Administrator's Use	
File #	<u>2225, 311833</u>
Date	<u>Jan 19, 1972 11:30am</u>
GW 1	

Type of well Drilled  
(Dug, driven, bored or drilled)  
Equipment used Cable Tools  
(Cable drill, rotary or other)  
Water Use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other  Garden/Lawn

\*Describe \_\_\_\_\_  
USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition). Approx. 2 3/4 Acres

ESTIMATED ANNUAL WITHDRAWAL 21,024,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" OD x 1/2"	-7'	65'6"	NONE		



Static water level 36 ft.\*  
Pumping water level 50 ft.\*  
at 40 gallons per minute,  
measured 120 minutes after pumping  
began.  
\*Measured from ground level.  
Well developed by Air Lift Pump  
for 2 hours.  
Power Gas Pump 30 HP  
Remarks: (Gravel packing, cementing,  
packers, type of shutoff) All water  
entering well through  
the open bottom of the  
six inch casing.

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

INDICATE LOCATION OF WELL AND PLACE OF USE, IF POSSIBLE. EACH SMALL SQUARE REPRESENTS 40 ACRES.  
LIBERTY DRILLING COMPANY  
Driller's Signature William T. Calum  
Driller's Address 2500 Reserve Street

Missoula, Montana 59801 LICENSE NO. 52

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 Approx (Elev. above sea level) 3248'

From (Feet)	To (Feet)	
0	7	Well pit
7	9	Sand
9	14	Sand and gravel mixed in tan clay
14	23	Boulders, cobblestones, gravel and sand mixed in tan clay
23	38	Tan clay with some sand and gravel imbedded
38	41	Boulders and cobblestones imbedded in tan clay. Some sand and gravel. Seep of water
41	46	Silty sand with scattered gravels. Some dirty water
46	69	Sand and gravel. Sandy water
69	72	Clean coarse sand and gravel and water

72' Show exact depth of bottom  
Water rises in well 36' from  
surface.

49,280

#2225

311833

I received and filed this instrument for  
 record on the 14 day of Jan 1972  
 at 11:30 o'clock A.M. permanent  
 of Missouri County State of Missouri  
 Witness my hand  
 Clarence R. Grease, County Recorder  
 By Marie Stubble, Deputy  
 Fee \$2.00 Paid

RECORDED

INDEXED

FILE

Doc. No. 304093

Approved Stock Form—State Publishing Co., Helena, Montana—46803

GW 1

Filed for record this 23 day of June

File No. A. D. 19-71, at 2:45 P.M. RECORDED

T. 13N R. 18W 16

DUPLICATE

clock 2 M. RECEIVED

County Missoula

LOG

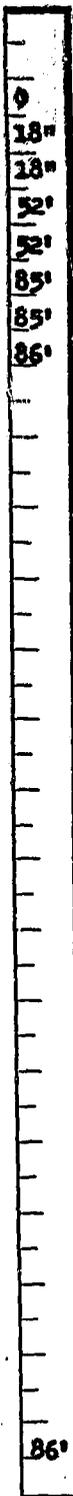
JUL 6 1971

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)



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

Top Soil

Large Gravel Clay Sand

Heavy Sand & Water

Clean Gravel & Water

Owner Grails Mobile Village Address Pine Grove Missoula

Driller John Farrell Address Miss Mont

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

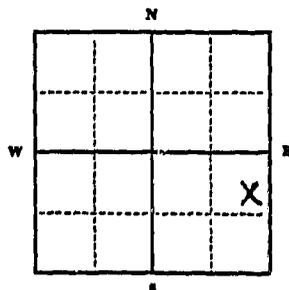
Date well started April 23 1970 Date completed May 8 1970

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  Trailer Court

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" 17# 17#	0	86			



Static Water Level for non-flowing well \_\_\_\_\_ 47 feet.

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

Pumping Water Level \_\_\_\_\_ 70 feet  
at \_\_\_\_\_ 75 gal. per minute.

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

How Tested Bailer

Length of Test 2hrs

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

portion of NE 1/4 Sec. 12, T13N, R18W  
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, 1/3 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 14

Driller's Signature John Farrell

48696

2143

304093

I received and filed this instrument for  
 record on the 23<sup>rd</sup> day of June, 1971  
 at 4 o'clock P. M. permanent file  
 of Missoula County, State of Montana  
 Witness my hand.  
 Veronique R. Crouse, County Recorder  
 by Debra L. Langford, Deputy  
 Fee: 2.20 Paiford

MISSOULA

Book \_\_\_\_\_  
 Page \_\_\_\_\_  
 to v. \_\_\_\_\_  
 is \_\_\_\_\_



33

POSTER

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

T13N R. 18W Sec 18

DUPLICATE

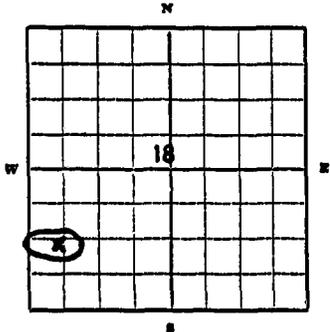
RECEIVED  
AUG 12 1964  
County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

1. Randolph Jacobs of Route 4 Missoula  
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 18 T13N R. 18W

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1960 Daily

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 25, 1960 May 28, 1960

8. The depth of water table 43'

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 58' 6" 10 19 lbs. to foot seamless

10. The estimated amount of groundwater withdrawn each year 400,000 gallons

11. The log of formations encountered in the drilling of each well if available 0 to 6' topsoil and gravel, 6' to 35' clay & gravel, 35' to 36' bouldar, 36' to 44' clean gravel chunks of rock, 44' to 53' boulders & gravel and a little water, 53' to 58' gravel & sand water.

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

Signature of Owner Randolph Jacobs  
Date 7-23-63

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

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

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

38374

11-133

224874

I received and filed this Instrument for  
record on the 6 day of Aug 19 04  
at 10:00 o'clock A.M. permanent files  
of Missoula County, State of Montana  
Witness my hand:  
Veronae R. Course, County Recorder  
By Clara J. Mann, Deputy  
Fee \$ 2.00 Paid

18

File No. ....

T. 15 N. R. 18 W

DUPLICATE

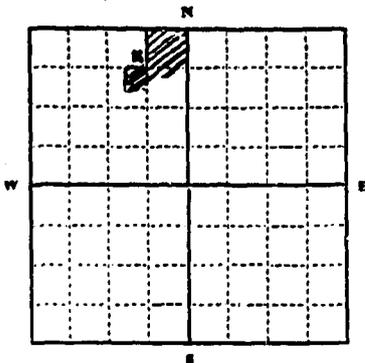
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

County - MISSOULA  
JAN 3 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Marshall Canyon Homesites Well of Rt. #4, Marshall Canyon, 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:



NE 1/4 NW 1/4 Sec. 16 T. 15 N. R. 18 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  
Domestic, human and animal, lawn, garden, and pasture.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. February, 1958.  
Constant use since above date.
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 120 G/M present pump capacity.  
1200 Miner's inches claimed.
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  
1.7 A., Lot #1, Dwight A. Stankstad; 3.4 A., Lot #4, James L. Nielson; 1.6 A., Lots #5 & 6, Philip Weiler; 1.2 A., Lots #7 & 8, Raymond Kohler. All above lots located in Marshall Canyon Homesites.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.  
Electrical water pump. East bank of Marshall Creek. West of Utility Easement, and South of Lot #1.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Commencement - February 10, 1958.  
Completion - February 19, 1958.
8. The depth of water table. 55 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.  
Drilled - 10" I.D. Well Casing - Total depth, 59 feet from ground level.
10. The estimated amount of groundwater withdrawn each year. 15,559,000 gallons.
11. The log of formations encountered in the drilling of each well if available. 0 to 12', clay and gravels; 12' to 16', clay and boulders; 16' to 25', clay and gravels; 25' to 28', clay and boulders; 28' to 35', clay and gravels; 35' to 58', gravel with some clay carrying water all through; 58' to 61'-6" soft solid 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. Not known.

Raymond J. Kohler  
James L. Nielson  
Philip Weiler  
Dwight A. Stankstad

MARSHALL CANYON HOMESITE WELL USERS  
Signature of Owners

Date December 31, 1963

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

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

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.

20208

1088

215563

Copy

I received and filed this instrument for  
record on the 31 day of Dec. 1953  
at 7:43 o'clock P.M. permanent files  
of Hillside County, State of Montana  
Witness my hand.  
MARTIN S. BEMNER, County Recorder  
By *[Signature]* Deputy  
Fee \$ *2.00* Paid

File No. ....

T. 13 R. 18

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)

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

0' to 6' Pit  
6' to 61' Clay  
& gravel  
61' to 65' Clay,  
gravel & water

Owner.....C. A. McDowell.....Address Et. L., Missoula, Mont.

Driller Glenn Camp 705 Alder Address Missoula, Mont

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

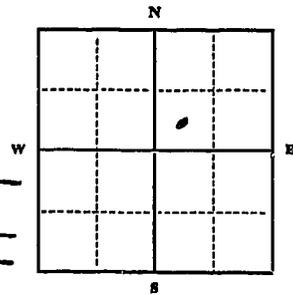
Date well started.....6/15/56.....Date completed.....6/20/56

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" 1.0. 19" to foot	1' above Pit level to 55'		none		



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

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

Pumping Water Level.....34.....feet  
at.....40.....gal. per minute.

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

How Tested.....Earlier.....

Length of Test.....2 HOURS.....

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

S.W. 1/4 Sec. 18, T. 13, R. 18  
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.

46487

DATE  
FILE #  
1990

291482

I received and filed this instrument for record on the 23 day of May 1970 at 1:25 o'clock P.M., permanent files of Missoula County, State of Montana  
Witness my hand:  
Veronica E. Cross, County Recorder  
By *Debra H. Ginn*, Deputy  
Fee \$ 2.00 Paid


Particular of land to be recorded  
from Debra H. Ginn

Particular of land to be recorded  
from Debra H. Ginn

MISSOULA COUNTY RECORDER  
RECORDS DEPARTMENT  
200 N. 2ND ST.  
MISSOULA, MONTANA 59801  
PHONE 542-2111

GW3

File No.....

T. 15 N. R. 18 W.

DUPLICATE

County... Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater ..... 1933

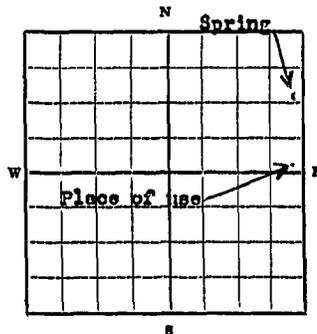
Owner Laura Thibodeau ..... Address Box 287, Missoula

Contractor (if any) None

Address of Contractor

Date Started ..... Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Natural spring, subject to land excavation, boxing and headgate control. These items now in place.



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

SE 1/4 NE Sec. 18 T. 15 N. R. 18 W

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

Quantity of water developed 450 gallons per hour

Takes twenty (20) minutes to fill (six feet by four feet by two and one-half feet) reservoir.

Use is continuous

Signature of Owner

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.

20047

48

215316

*Copy*  
I received and filed this instrument for  
record on the 31 day of Dec 1963  
at 9:15 o'clock A. M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
MARTIN S. BEHNER, County Recorder  
By Martin S. Behner Deputy  
Fee \$ 2.00 Paid

File No. ....

T. 13 N. R. 18 W

DUPLICATE

County. Missoula

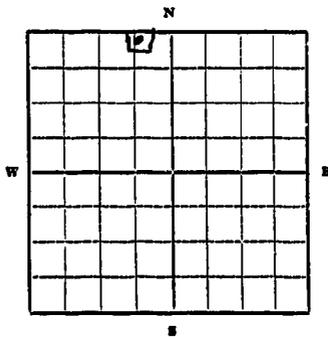
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
NOV 20 1963

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

STATE ENGINEER

1. Wendell P. Wisherd of Rte. #4 Marshall Grade, Missoula  
(Name of Appropriator) (Address) (Town)  
County of Missoula State of Mont.  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



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

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

- 2. The beneficial use on which the claim is based Household use, garden & pasture irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous since the summer of 1958
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 g.p.m. 2 minutes
- 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 3 acres - garden, pasture, & lawn  
owner - W.P. Wisherd
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal one drilled well

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 3-22-1961 Finished 3-25-1961  
50' well was to bedrock - pumping does not
- 8. The depth of water table unknown lower water which stays about 30' deep in well
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well - 6" casing - 50' deep
- 10. The estimated amount of groundwater withdrawn each year 600-700 gallons
- 11. The log of formations encountered in the drilling of each well if available unknown - well drilled to bedrock through clay, gravel, and fine shale. water level in well with present 1 HP pump and 6" casing. May install larger pump sometime later
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None filed continuously does not lower water level in well with present 1 HP pump and 6" casing. May install larger pump sometime later. Well driller said it was a flow type well.

Signature of Owner Wendell P. Wisherd

Date 10-29-63

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.

copy  
#326 213137

I received and filed this instrument for  
record on the 18 day of Nov, 1963  
at 11:30 o'clock A. M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
MARTIN S. FENNER, County Recorder  
By Marilyn J. DeLore, Deputy  
Fee \$ 2.00 Paid

RECORDED

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

DUPLICATE

T. 13N R. 18W A

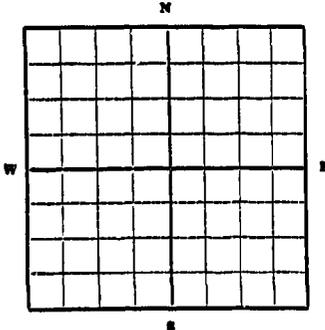
County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1967

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

1. Albert & Joyce E. Matthew of Staff West, 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. 19, T. 13 R. 18  
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gals per minute

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

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 1949

8. The depth of water table 92 ft.

9. So far as it may be available, the type, size and depth of each well, or the general specifications of any other works for the withdrawal of groundwater six inch casing to a depth of 110 feet

10. The estimated amount of groundwater withdrawn each year 125,000 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 not known

Signature of Owner Joyce E. Matthew  
Albert S. Matthew

Date 12-31-63

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

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

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

1159

I received and filed this instrument for  
record on the 31 day of Dec 1863  
at 5157 o'clock P M. permanent files  
of Mitchele County, State of Louisiana  
Witness my hand:  
By M. S. [Signature] Recorder  
Fee \$ 2.00 Deputy  
Paid

File No.

T. 13 R. 18

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEER

RECEIVED  
JUL 27 1964

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

(Under Chapter 237, Montana Session Laws, 1961)

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

0 to 7' 210

7' to 11' Gravel & boulders

11' to 18' Clay & boulders

18' to 32' Sand & cobbles

32' to 45' Sand, gravel

& water

Owner Phil Evans & James B. Evans Address Pine Grove, Missoula, Mont

Driller Glen Camp 705 Alder Address Missoula, Mont

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

Date well started June 4, 1964 Date Completed June 10, 1964

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)
5"	3" I.D. 14 # to feet	8" above pit floor to 37'-5"		None		

Static Water Level for non-flowing Well 18' from top of pit feet.

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

Pumping Water Level 18' feet at 20 gal. per minute.

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

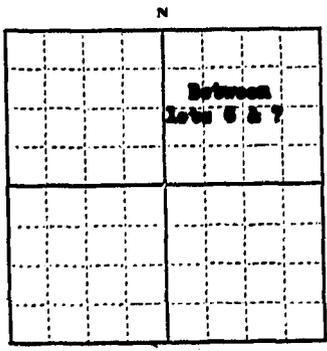
How Tested Pump Length of Test 1 hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) \_\_\_\_\_  
None

License # 7

Driller's License Number

Glen Camp  
Driller's Signature



1/4 Sec. 20 T11N R. 18W

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

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.

38329

224270

I received and filed this instrument for  
record on the 22 day of July 1968  
at 11:35 A.M. permanent files  
of Nye & Adams County, State of Montana  
Witness my hand:  
Veranda R. C. Case, County Recorder  
By *W. J. Walling*, Deputy  
Fee \$ 2.00 Paid

REC  
JUL 23 1968

File No. ....

T. 13W R. 18W

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

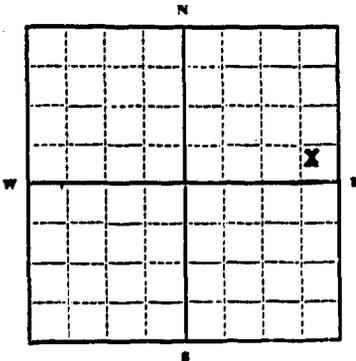
RECEIVED  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, The Montana Power Company, of 40 East Broadway, Butte  
(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:



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

Domestic consumption

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

Approximate date June 1948  
- 24 hrs. per day since

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

10 gallons per minute - 24 hours  
per day

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

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

Pumped

SE 1/4 NE 1/4 Sec. 20, T13N R. 18W

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

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

Well drilled and completed in 1948

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

60'

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.....

0' to 60' 6" steel casing,  
60' to 120' 6" rock hole

10. The estimated amount of groundwater withdrawn each year.....

1,000,000 gallons

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

0' to 60' clay, boulders and some gravel,  
60' to 90' rock formation semi-solid,  
90' to 120' solid 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.....

(CORPORATE SEAL)

ATTEST:

*[Signature]*

Its Secretary

THE MONTANA POWER COMPANY

Signature of Owner By *[Signature]*

Vice President

Date February 1, 1962

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.

39

Copy

192070

I received and filed this instrument for  
 record on the 16 day of April 1922  
 at 5:53 o'clock A. M. permanent files  
 of Cascade County, State of Montana.  
 Witness my hand.  
 MARTIN S. DENVER, County Recorder  
 By *Clara J. Mason*, Deputy  
 Fee \$ 2.00 Paid

C

As a condition of sale...

Official Record of the State of Montana

20

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

T. 13<sup>N</sup> R. 18<sup>W</sup>

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

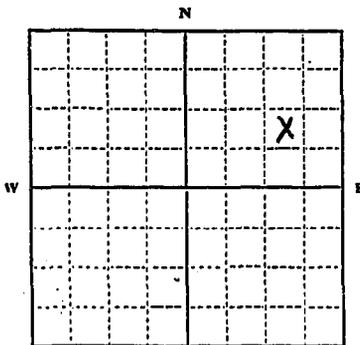
RECEIVED  
JAN 3 1962  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Charles & Jacquelyn Salter, of 1640 Montana Ave, 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:



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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 100 gallons per minute

Riverside addition 11, 13, 14  
SE 1/4 NE Sec. 26 T. 13 R. 18  
30 1/2 acres

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

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

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

Pump  
SE 1/4 of NE 1/4 Sec. 20 T. 13 R. 19

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

8. The depth of water table.

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.

Casing 6"  
Drilled approximately 55 ft. to 65 deep

10. The estimated amount of groundwater withdrawn each year. 70,000 gallons

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. not known

Charles Salter  
Signature of Owner Jacquelyn Salter  
Date Dec 31, 1962

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.

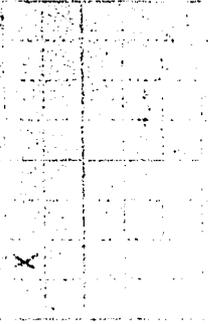
Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

20050

852 215321

215321  
1913  
1914

I received and filed this instrument for  
record on the 21st day of Dec. 1913  
at 9:15 o'clock A.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
M. J. S. BEATTY, County Recorder  
By: *Mary J. Beatty* Deputy  
Fee \$ 72 Paid



1914  
1915

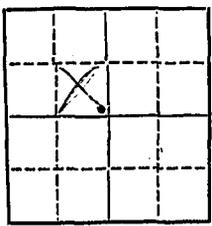
T. \_\_\_\_\_ R. \_\_\_\_\_  
County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
APR 22 1961

WATER WELL LOG

STATE ENGINEER



Owner Pete Amos Address \_\_\_\_\_  
Driller Glenn Camp 705 Alder Address Missoula, Montana  
Date Started April 10, 1961 Date Completed April 12, 1961  
Location: Sec. 21 T. 13 R. 18 1/4 sec.

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other: Bar & serve yourself Laundry

Casing: 3'-7" above Ft. to floor to 82' ft. Type Seamless Size 5" I.D. 14 lbs to foot

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: 56' feet.

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

Pumping water level: 54-54' feet at 16 gal. per min.

How tested: Bailer

Length of test: 2 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)  
Put in exact location and file all 3 copies with County Clerk and Recorder.



21

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

T. 13<sup>N</sup> 18<sup>W</sup>

DUPLICATE

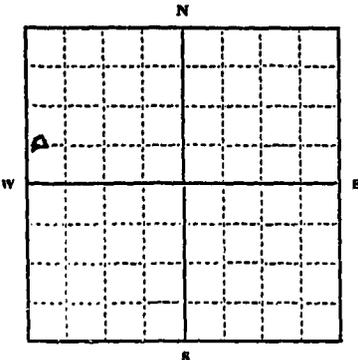
County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1963

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

1. PETER O. AUNE, of 119 East Kent 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:



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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1923

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump  
SE 1/4 NW 1/4 of Section 21, Township 13, Range 18

SE 1/4 NW 1/4 Sec. 21 T13 R18

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Approximately 1923--unknown

8. The depth of water table 60 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6-inch casing, drilled 90 feet

10. The estimated amount of groundwater withdrawn each year 584,000 gallons

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 Not applicable

Signature of Owner Peter O Aune

Date December 31, 1963

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

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

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.

20247

127

I received and filed the instrument for  
record on the 21 day of 1907  
at 5:23 o'clock P.M., permanent files  
of Missoula County, State of Montana  
Witness my hand  
By *Wm. S. Hall* County Recorder  
Fee \$ 2.00 Paid Deputy

21

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

T 13N R 18W

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

County Missoula

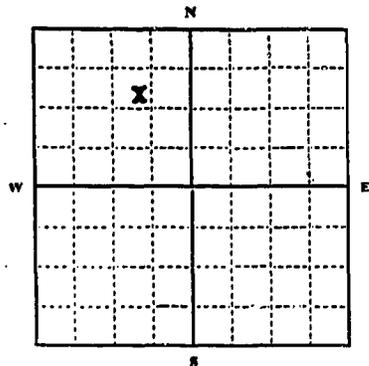
RECEIVED  
JAN 3 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Blackfoot Forest Protective Association (Name of Appropriator) Milltown (Address) Milltown (Town)

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



2. The beneficial use on which the claim is based... Domestic and Fire Protection

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1946

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 7,000 Gallons per day

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

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

NE 1/4 NW 2 Sec 21 T. 13N. R. 18W

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... May 1946

8. The depth of water table... 68'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... 8" Case Deep Well Electric Power 1" Pump  
Approximately 600 Gallons Per Hour

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

11. The log of formations encountered in the drilling of each well if available... Gravel all the way

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

Doc. No. 1110  
Filed for record  
this 31 day of Dec  
A. D. 19 63, at 5101  
o'clock P. M.

BLACKFOOT FOREST PROT ASSN  
Signature of Owner L.M. Park Secretary  
Date December 31, 1963

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

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

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.

1110

I received of \_\_\_\_\_ in \_\_\_\_\_  
 record of the \_\_\_\_\_ of \_\_\_\_\_  
 of \_\_\_\_\_  
 of Missouri County \_\_\_\_\_  
 Witness my hand \_\_\_\_\_  
 By Martin & Phil Deputy Recorder  
 Fee \$ \_\_\_\_\_ Paid

Missouri County  
 Witness my hand \_\_\_\_\_  
 County Recorder  
 By \_\_\_\_\_ Deputy  
 Fee \$ \_\_\_\_\_ Paid

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

T. 13 N R 18 W

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

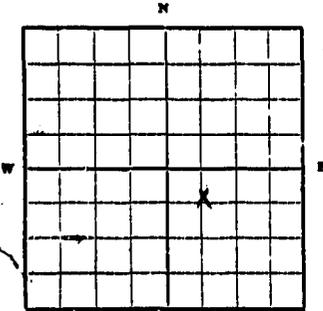
RECORDED  
JAN 3 1964

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

1. Banner School Dist. 14 of B Banner  
(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:



SE 1/4 Sec. 21 T. 13 N. R. 18 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 domestic and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 9/7/56  
continuous since

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 4.7 acres - Banner School Dist. #14

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater commenced 8/29/56 completed 9/7/56

8. The depth of water table 12.6'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well, 6" hole, 126 feet deep

10. The estimated amount of groundwater withdrawn each year 750,000 gal.

11. The log of formations encountered in the drilling of each well if available 0 to 8' well pit, 8' to 50' gravel, boulders, some clay; 50' to 62' brown sandy clay; 62' to 86' brown sand, small gravel, with water 66' to 95' grey sand and water, 95' to 97' grey sand some water, 97' to 120' sand, gravel and water.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Deed - Book 149 page 402

Supt.  
Signature of Owner Leo C. Musburger, Jr.  
Date 12/31/63

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

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

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

994

2154 68

I received and filed this instrument for  
 record on the 7th day of Dec 1967  
 at 11:00 o'clock A.M. permanent files  
 of Missoula County, State of Montana  
 Witness my hand  
 WILSON S. BARNETT County Recorder  
 By *Walter A. Kelly* Deputy  
 Fee \$ 2.00 Paid

MISSOULA COUNTY RECORDER

MISSOULA COUNTY RECORDER

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

T. 13 N. R. 18 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

Top of Ground

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

Well located at *Bonner Pines*

0-8 Gravel & Clay

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

8-11 Cobblestones, Gravel & Clay

Owner: *Richard Bush* Address: *2324 Bow, Missoula*  
*CAMP WELL DRILLING &* *1522 S. 14th W.*

11-36 Gravel & Clay

Driller: *PUMP SUPPLY* Address: *Missoula, Montana*

36-59 Clay and Sand

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

59-72 Water Sand & Gravel

Date well started: *May 6, 1970* Date completed: *May 7, 1970*

72-74 1/2" Gravel & Water

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

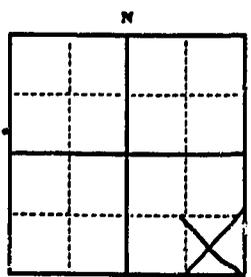
1' of gravel in bottom of well

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.	17 lb per ft.	1' 6" above G.L.	74 1/2"		none	

LOT 1 OF BONNER PINES  
ADDITION No. 1, MISSOULA  
COUNTY, MONTANA.  
(SE 1/4 of SE 1/4 Sec. 21, T. 13 N.  
R. 18 W.)



Static Water Level for non-flowing well ..... 28 ..... feet.  
Shut-in Pressure for Flowing Well .....  
Pumping Water Level ..... 44 ..... feet  
at ..... 50 ..... gal. per minute.  
Discharge in gal. per min. of flowing well .....

Doc. No. 292643  
Filed for record  
this 1 day of July  
A. D. 19 70, at 2:00  
o'clock P. M.

How Tested: *Air Compressor*  
Length of Test: *1 1/2 hrs.*  
Remarks: (Gravel packing, cementing, packers, type of shutoff) *1 ft. of*

1/4 Sec 21 T. 13 N. R. 18 W.  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

*gravel in bottom of well*

(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  
*Richard Bush*  
Driller's Signature. *CAMP WELL*  
*DRILLING & PUMP SUPPLY*  
46644

292643

I received and filed this instrument for  
recording on the 1st day of July 19 70  
at 2:00 o'clock P.M. pursuant to law  
of Missouri County, State of Missouri  
Witness my hand:  
Wm. H. Crouse, County Recorder  
By Thomas Beckwith, Deputy  
W.H.C. Paid

RECORDED  
INDEXED  
JUL 20 1970  
MISSOURI COUNTY, MISSOURI

MISSOURI COUNTY, MISSOURI

File No. ....

T. 13<sup>N</sup> R. 18<sup>W</sup> Sec. 21  
County Missoula

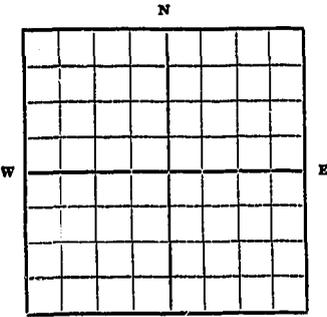
DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 10 1963  
STATE ENGINEER

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

Pauline Erickson, Sec'y.-Treas.  
1. Community Well Association, of Milltown  
(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:



Located between Lot 1, Block 1 and Lot 3, Block 2, 1/4 Sec. 21, T13N R. 18W

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 domestic use.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 7, 1950. Continuous from that date.
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 Not applicable.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump drawing water from well located between Lot 1, Block 1, and Lot 3, Block 2, in Milltown, Montana.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Date of commencement uncertain. Date of completion April 7, 1950. Electric pump drawing water from well.
8. The depth of water table 28 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 Drilled well 75 feet deep, 6 inch casing, distance to water 47 feet, water level 28 feet.
10. The estimated amount of groundwater withdrawn each year Unknown, for domestic use.
11. The log of formations encountered in the drilling of each well if available Unknown
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Unknown

Signature of Owner Mrs. P. Erickson Sec'y.  
Community Well Association  
Date Nov. 30, 1963

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

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

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

376

213969

I received and filed this instrument for record on the 9th day of Dec, 1968, at 1:30 o'clock P.M. permanent files of Missoula County, State of Montana

Witness my hand:  
 MARTIN S. BEHNER, County Recorder  
 By Martin S. Behner Deputy  
 Fee \$ 5.00 Paid

RECORDED

MISSOULA COUNTY CLERK

MISSOULA COUNTY CLERK

MISSOULA

MISSOULA COUNTY CLERK

File No. ....

T. 13<sup>N</sup> R. 18<sup>W</sup> 21

DUPLICATE

County. Missoula

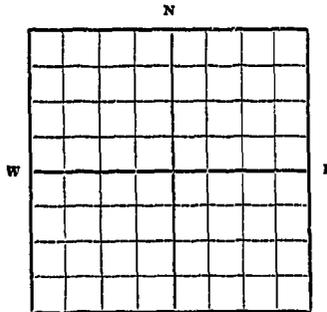
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 3 1963

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

STATE ENGINEER

1. George A. or Helen M. Cyr, of Milltown  
(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:



Lot leased from N.P. Co.

1/4 Sec. 21 T13N R. 18W

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

- 2. The beneficial use on which the claim is based .....  
For household purposes.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1930. Continuous from .....  
that date.
- 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 Not applicable.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump drawing water from well located on lot leased from N.P. Co. in Milltown, Montana.

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Unknown
- 8. The depth of water table Unknown
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Depth and size unknown. Electric pump drawing water from well.
- 10. The estimated amount of groundwater withdrawn each year For domestic use.
- 11. The log of formations encountered in the drilling of each well if available Unknown
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. Unknown

Signature of Owner. George A. Cyr  
Helen M. Cyr

Date. Nov. 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.

343

213511

copy

I received and filed this instrument for record on the 27 day of May, 1943 at 10:05 o'clock A.M., permanent files of Missoula County, State of Montana

Witness my hand:  
**MARTIN S. BEHNER**, County Recorder

By Stuart Lane Deputy  
 Fee \$ 2.00 Paid

MISSOULA COUNTY RECORDS

REC'D

MAY 27 1943

MISSOULA COUNTY RECORDS

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

DUPLICATE

T. 13 R 12

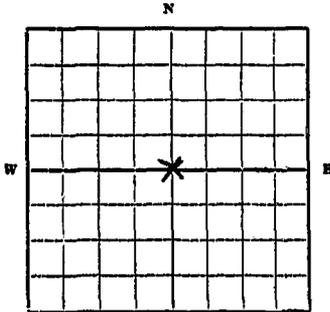
County Missoula

RECEIVED  
OCT 3 1963

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

1. LUCIEN DEFRESNE of P.O. Box 122 MILLTOWN  
(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:



MILLTOWN MTS. LOT 5 BK 13  
1/4 Sec. 21 T. 13 R. 12

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

2. The beneficial use on which the claim is based HOUSEHOLD and YARD WATER

3. Date or approximate date of earliest beneficial use; and how continuous the use has been SINCE 1892

4. The amount of groundwater claimed (in miner's inches or gallons per minute) NOT DETERMINED

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 JUST LAWN ON LOT

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 3/4 Horse JACUZZI DEEP WELL PUMP

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

8. The depth of water table ABOUT 35 FOOT

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 14 FOOT DE 4" SEAMLESS CASING

10. The estimated amount of groundwater withdrawn each year NOT KNOWN

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

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

Signature of Owner Lucien Defresne

Date Sept. 30, 1963

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

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

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

copy

#276

211408

I received and filed this instrument for  
record on the 30 day of Sept., 1963  
at 2:25 o'clock P.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
MARTIN S. BEHNER, County Recorder  
By Dayton McElhara, Deputy  
Fee \$ 2.00 Paid

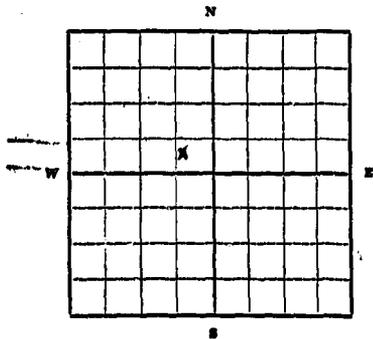
DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
NOV 5 1963  
STATE ENGINEER

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

1. George Hakala, of 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:



Sec. 21, T13N, R18W  
1/4 Sec. T. R.

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 on domestic use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been prior to 1911
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) not known
- 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 Doesn't apply
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal deep well pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Prior to 1911
- 8. The depth of water table not known
- 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 deep well pump, 72 feet deep, 5 1/2" casing
- 10. The estimated amount of groundwater withdrawn each year 2,920,000 (feet) per year
- 11. The log of formations encountered in the drilling of each well if available not available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner George Hakala  
Date Oct. 29, 1963

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

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

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

6788

0306

212525

I received and filed this instrument for  
record on the 31 day of Oct 1963  
at 3:00 o'clock P. M., permanent file  
of Missoula County, State of Montana  
Witness my hand:  
MARTIN S. BEHNER, County Recorder  
By Deputy Recd Deputy  
Fee \$ 2.00 Paid

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

T. 13 N. R. 18 W

DUPLICATE

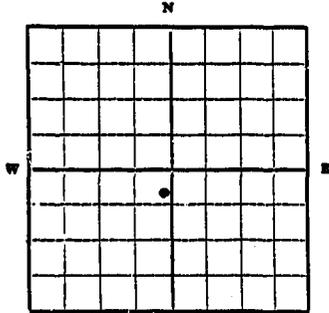
County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1964  
STATE ENGINEER

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

1. Leo J. Gossior, of Box 53 Milltown  
(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:



**Lots 7 & 8**  
**Block 15**  
1/4 Sec. 21 T13N R18W

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 use and lawn care
- Date or approximate date of earliest beneficial use; and how continuous the use has been Hand dug in 1908 and redrilled in Dec. 1954
- The amount of groundwater claimed (in miner's inches or gallons per minute) Not determined
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applicable
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal One 3/4 Horse Electric Pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well was hand dug in 1908 and redrilled Dec. 22, 1954
- The depth of water table 30'
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well 58'4" deep, using a 6" welded steel casing.
- The estimated amount of groundwater withdrawn each year Unknown
- The log of formations encountered in the drilling of each well if available Not known
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None

Signature of Owner Leo J. Gossior  
Date Dec. 30, 1963

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

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

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

20012

813 215221

RECORDED  
INDEXED

I received and filed this instrument for  
 record of the \_\_\_\_\_ of \_\_\_\_\_ at \_\_\_\_\_  
 at \_\_\_\_\_ o'clock \_\_\_\_\_ M., permanent file  
 of Muscular County, State of Montana  
 Witness my hand  
 M. S. ALMIR Recorder  
 By M. S. Alm Deputy  
 20

REGISTERED

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

DUPLICATE

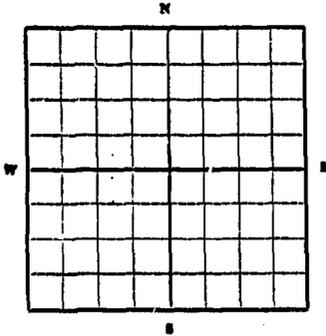
T15 N R18  
County Missoula  
RECEIVED  
DEC 20 1963  
STATE ENGINEER

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

1. Winnifred E. Jessenka of Box 402 Milltown  
(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 21 ..... T15N R18W .....  
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.  
referred to as Lot eight in block 12, of the town of Milltown in Missoula County, Montana.

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been .....  
approximate date about fifty years ago, continuous use

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

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

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 .....  
fifty years ago

8. The depth of water table .....  
about forty 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 .....  
six inch casing with one horse pump

10. The estimated amount of groundwater withdrawn each year .....  
156,875 gallons per year

11. The log of formations encountered in the drilling of each well if available .....  
none

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

Signature of Owner Winnifred E. Jessenka  
Date 12/9/63

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.

445

214510

*Copy*  
I received and filed this instrument for  
record on the *11* day of *Dec* 19*68*  
at *10:25* o'clock *A.* M., permanent files  
of Missoula County, State of Montana  
Witness my hand,  
MARTIN S. BEYNER, County Recorder  
By *M. S. Beyner* Deputy  
Fee \$ *4.00* Paid

MISSOULA COUNTY RECORDS DEPARTMENT  
200 N. 1ST ST. MISSOULA, MONTANA 59801

File No. ....

T. 13 R. 1K

DUPLICATE

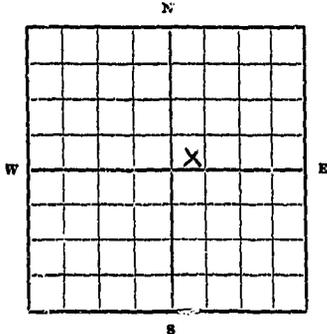
County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
OCT 7 1963  
STATE ENGINEER

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

1. Peter A. Karkainen, of Box 212 Milltown  
(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:



Block 3, Lot 5  
1/4 Sec. 21 T13N R18W

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 water well used for household purposes.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 29, 1938 the useage has been continuous from above date.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 G. P. M.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applicable.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump taking from well located on Lot 5, Block 3, Milltown, Montana.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well started on April 21, 1938, and completed on April 29, 1938.
8. The depth of water table 16 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 ground vater Well casing 6 1/4 inches, depth of well from ground level 66 feet, drilled portion 60 feet, 8 inches, water withdrawn by electric pump system.
10. The estimated amount of groundwater withdrawn each year for domestic use.
11. The log of formations encountered in the drilling of each well if available 0 to 45 feet, gravel and boulders, 45 to 50 feet, some water, gravel and sand, 30 to 66 feet, sand and gravel, coarser going down, some clay, water clearer.
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 Peter Karkainen

Date Sept. 17, 1963

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

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

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

# 279

copy

211548

I received and filed this instrument for record on the 3rd day of Oct, 1943 at 12:22 o'clock P.M., permanent files of Missoula County, State of Montana. Witness my hand: MARTIN S. BEHNER, County Recorder. By Diane Steiman, Deputy. Fee \$ 2.50 Paid

Block 3, Lot 2 ST T34 T54

MISSOULA

RECORDED

INDEXED

MISSOULA

1943

MISSOULA

1943

MISSOULA

MISSOULA

MISSOULA

MISSOULA

MISSOULA

MISSOULA COUNTY RECORDS DEPARTMENT  
 MISSOULA, MONTANA  
 RECEIVED FOR RECORDING  
 OCT 3 1943  
 MISSOULA COUNTY RECORDS DEPARTMENT  
 MISSOULA, MONTANA



2136

303093

I received and filed this instrument for  
record on the 27 day of May 1971  
at 2:30 o'clock P.M. permanent files  
of Missoula County, State of Montana  
Witness my hand.  
Verance R. Cypse, County Recorder  
By M. M. [Signature] Deputy  
Fee \$ 2.00 Paid [Signature]

GW 2

File No. ....

T 13N R 18W

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater 1963  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

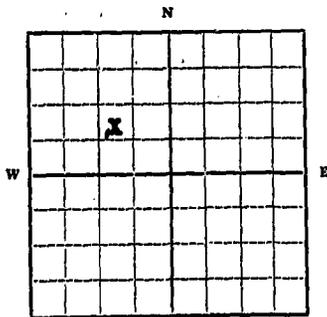
Top of Ground  
(Elev. above sea level.....)

0 to 6' Pit  
6' to 45' Clay, gravel  
and boulders  
45' to 51' Sand, gravel  
and water  
51' to 60' Clay & gravel  
60 to 65' Sand, gravel  
and water

Owner Victor Loewen Address Milltown, Mont  
 Driller Glenn Camp 705 Alder Address Missoula  
 Date of Notice of Appropriation of Groundwater .....  
 Date well started Mar 31, 1962 Date Completed April 10,  
 Type of well Drilled Equipment Used Churn Drill  
 (dug, driven, bored or (Churn, drill, rotary or  
 drilled) other)  
 Water Use: Domestic  Municipal  Stock  Irrigation   
 Industrial  Drainage  Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5" I.D.	seamless 14 lbs	8" above pit floor to 65'		none		



Sec. 21 T13N R. 18W  
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 59' from ground level feet.

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

Pumping Water Level 55 feet at 60 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, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation) .....

None

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 School of Mines and Quadruplicate for the Appropriator.

20454

1335

27

*copy*

I received and filed this instrument for  
 record on the 27 day of July, 1964  
 at 9:50 o'clock P.M. Government Office  
 of Missoula County, State of Montana  
 Witness my hand  
 MARTIN E. BREMER, County Recorder  
 By Ethel J. Lane Deputy  
 Fee \$ 2.00 Paid

RECEIVED  
 COUNTY CLERK  
 MISSOULA COUNTY  
 MONTANA  
 JUL 27 1964

MISSOULA COUNTY  
 MONTANA

RECORDED  
 1964

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

STATE WATER CONSERVATION BOARD

T. 13 North R. 18 East

DUPLICATE

MAY 25 1967

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

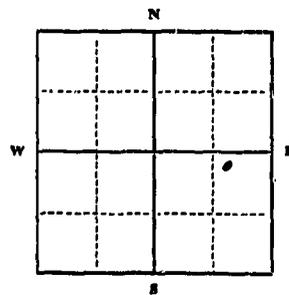
Top of pipe - 7' Pit

- 7-60 Gravel, Boulders & Clay (Under Chapter 237, Montana Session Laws, 1961)
- 60-72 Gravel, Sand and clay (a little water at 63') Owner MILLTOWN WELL Address Milltown, Montana 5th & Columbia 1522 S. 14th
- 72-75 A chunk of solid rock Driller: Glenn Camp Address Missoula, Montana
- 75-79 Clay Date of Notice of appropriation of groundwater: \_\_\_\_\_
- 79-80 Gravel, and clay, Water Date well started March 22, 1967 Date completed April 6, 1967
- 80-85 Chunk of solid rock Type of well: Drilled Equipment used: Churn Drill (Dug, driven, bored or drilled) (Churn drill, rotary or other)
- 85-87 Gray Clay, some Gravel and water Water use: Domestic  Municipal  Stock  Irrigation  Industrial  Drainage  Other
- 87-95 Chunk of rock

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.

4' of open hole below casing

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" ID	6" I.D. 17.05 lb per ft.	1' above top of pit	90' 11"	Mills Knife 3/8" 3"	89'	79'
				14 sets of holes - 5 to the set - total 70 holes		



Static Water Level for non-flowing well 64' from top of pipe

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

Pumping Water Level 64' 6" feet with 6" down at 17 gal. per minute.

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

How Tested: Bailer & Test Pump

Length of Test: Bailer - 3/4 hr. Test Pump - 15 hours

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

S. 1/4 Sec. 21 T. 13 R. 18. 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

42,019

~~44,614~~

260883

I received and filed this instrument for  
record on the 23 day of May 1967  
at 8:10 o'clock A.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
Vermae J. Crouse, County Recorder  
By *M. J. Crouse*, Deputy  
Fee \$ 2.00 Paid


County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD  
**NOTICE OF APPROPRIATION OF GROUNDWATER**  
(Under Chapter 237, Montana Session Laws, 1961, as amended)

RECEIVED  
APR 26 1973  
DEPARTMENT OF NATURAL RESOURCES

After filing a notice of appropriation, in order to acquire a right based thereon, the person must, within ninety (90) days, commence actual excavation and diligently prosecute construction of a well and, upon completion, file a notice of completion with the County Clerk of the county in which the appropriation is located.

Three copies of this notice are to be filed 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 may be returned.

1. I, The Montana Power Company, of 40 East Broadway  
(Name of Appropriator) (Address) (Town)

County of Silver Bow, 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 municipal use  
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed 35 g.p.m.

The estimated amount of groundwater to be used annually 10,000,000 gallons

4. The annual period (inclusive dates) of intended use Continual annual use

5. The probable or intended date of first beneficial use March 29, 1973

6. The probable or intended date of commencement and completion of the well\* or wells\* March 22, 1973 - March 29, 1973

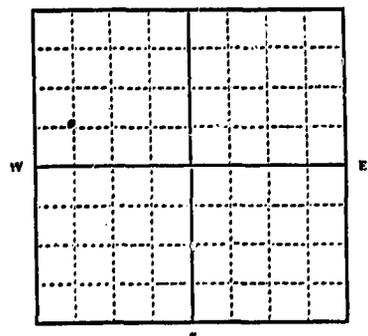
7. The location, type, size and depth of well or wells contemplated SW 1/4 of Section 21  
T. 13 N., R. 18 W

8. The probable or estimated depth of the water-table or artesian aquifer 78'

9. The name, address, and license number of the driller engaged Glenn Camp  
CAMP WELL DRILLING & PUMP SUPPLY, 1522 S. 14 W., Missoula, Montana  
License No. 7

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

For Administrator's Use  
File 2466, 330993  
April 25, 1973 11:22 AM



SW 1/4 NW 1/4 Sec. 21

T. 13 N. R. 18 EX  
EX W

LOCATE WELL OR OTHER MEANS OF DEVELOPMENT AS ACCURATELY AS POSSIBLE ON THE PLAT.

THE MONTANA POWER COMPANY

By W. W. Talbott  
Signature of Appropriator W. W. Talbott, Vice President

Date

\*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.

330993

I received and filed this Instrument for  
record on the 23<sup>rd</sup> day of April 1973  
at 11:10 o'clock AM, permanent files  
of Missoula County, State of Montana  
Witness my hand:  
Dorothy L. Head, County Recorder  
By Janice Daphner Deputy  
Fee \$ 2.00 Paid 2



2487 330994

I received and filed this instrument for  
record on the 23<sup>rd</sup> day of Dec., 1973  
At 11:24 o'clock A. M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
Dorothy L. Head, County Recorder  
By [Signature], Deputy  
Fee \$2.00 [Signature] Paid.