

File No. _____

T. 13 N. R. 18 W. 16

APR 25 1966

County Missoula

DUPLICATE

LOG Billie _____ McDermott _____
Butzerin _____ McNulty _____
Coyle _____ Morton _____
Darlington _____ Sullivan _____
Dickerit _____
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 Ronald J. Little Well at W. Riverside
Address Unnager, Mont

Driller Glenn Camp 705 Alder Address Missoula, Montana

Date of Notice of appropriation of groundwater _____

Date well started 4/13/66 Date completed 4/16/66

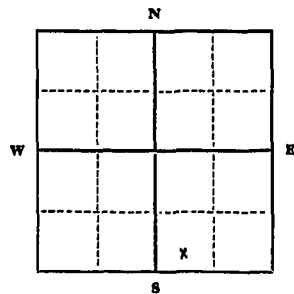
Type of well Drilled Equipment used Churn drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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.

0 to 16' Gravel & clay
16' to 21' Gravel, clay
& water
21' to 23' Boulder
23' to 26' Gravel & clay
26' to 43' Clay
43' to 50' Clay & gravel
50' to 62' Clay & sand
62' to 75' Clay
75' to 90' Sand, gravel
& clay
90' to 93' Water & sand
93' to 98' Sand, gravel
& water.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.O.	10" above G.L.				
	17" casing		to 92'-11"	None		



Static Water Level for non-flowing well _____
75 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 Test pump

Length of Test 1 hour

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

3/4 SW 1/4 SE 1/4 Sec. 16, T. 13. N. 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.

LICENCE 7

Driller's License Number

Glenn Camp
Driller's Signature

41000

GW
59.7

DUBLIN

249479

I received and filed this Instrument for record on the 31 day of April 1966 at 9:27 o'clock A.M., permanent files of Missoula County, State of Montana

Witness my hand:
 Vance H. Crause, County Recorder
 By Corretta R. Rasmussen Deputy
 Fee \$22 cash Paid

THE WATER CONSERVATION BOARD

APR 30 1966

CLERK OF DISTRICT COURT
 MISSOULA COUNTY, MONTANA
 DEPT. OF REVENUE
 DEPARTMENT OF REVENUE
 DEPT. OF REVENUE
 DEPT. OF REVENUE

Amount of record keeping cost for 1966
 Paid by Taxpayers
 If a taxpayer is not a taxpayer
 Director of the Dept. of Revenue
 Department of Revenue
 State of Montana

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 1963

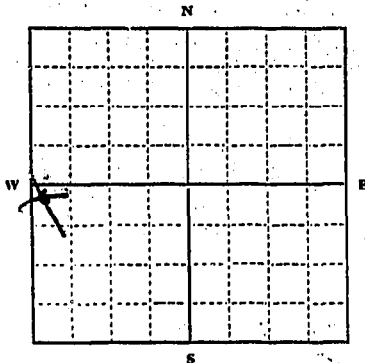
Declaration of Vested Groundwater Rights

Under Chapter 287, Montana Session Laws, 1962

STATE ENGINEER

1. Vern M. Marwan, of Route #7 W. Kinross, Mola
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. 16, 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. house garden, lawn.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. app 8 yrs.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 1 well pump water from on street and along boundary line on 1/4 sec 16.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. it was done before we bought it.

8. The depth of water table. app 20 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. deep well, 4 in casing + app 140 ft deep

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. 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. Vern Marwan

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.

1019

215493

I received and filed this instrument for
record on the 31st day of Dec. 1963
at 3:23 o'clock P.M. permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. DEINER, County Recorder
By Martin S. Behner Deputy
Fee \$ 2.00 Paid

File No. _____

DUPLICATE

T. 13 N. R. 18 W.

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

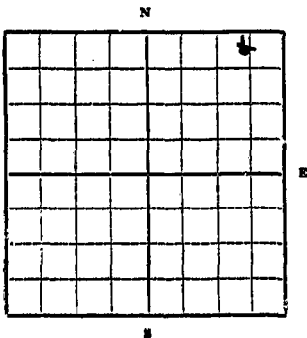
RECEIVED
NOV 19 1963

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

STATE ENGINEER

Elisbeth H. Mead of Rt. 4 - West Riverside, Missoula, 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. 4, Sec. 16, 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 7/48 Continually

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

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 Handpump Pump 1/2 H.P.

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

8. The depth of water table 25 to 30 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, 5" I.B. casing and in 96' deep.

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 6' Flt. 6' to 34' Clay & gravel, 34' to 48' Clay & boulders, 48' to 67' Clay, 67' to 70' Sand with some water, 70' to 81' Clay & gravel, 81' to 96' Sand gravel & 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. None

Signature of Owner Elisbeth H. Mead

Date November 15, 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.

324

copy

213075

I received and filed this instrument for
record on the 15 day of Nov 1923
at 11:10 o'clock A.M. permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEMNER, County Recorder
By *Walter H. ...*
Fee \$ 2.00 Paid

File No. _____

T. 13^N R. 18^W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
JUN 3 1963

Notice of Completion of Groundwater Appropriation by Means of a Well

(Under Chapter 237, Montana Session Laws, 1961)



Top of Ground
(Elev. above sea level _____)

0 to 7' Pit
7' to 40' Clay, some
gravel & boulder
40' to 100' Sand, gravel
& water
100' to 103'-4" Good
gravel, some sand & water

Owner Adam Miller & Son Address R.R. 4, Missoula

Driller Glenn Camp 705 Alder Address Missoula, Montana

Date of Notice of Appropriation of Groundwater _____

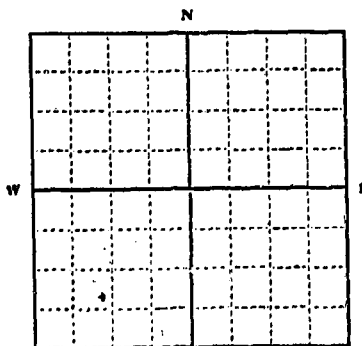
Date well started 5/9/63 Date Completed 5/16/63

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"	5" I.D. seamless 14 lbs.	1'-1" from bottom of pit to 96'-9"		none		



NE, SW, SW
1/4 Sec. 14 T. 13 R. 18
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 70' from G.L. feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 74' feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well doesn't apply

How Tested Baller 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 Quaduplicate for the Appropriator.

#192

206715

I received and filed this instrument for
 record on the 29 day of March 1963
 at 9:30 o'clock A.M. permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BEHNER, County Recorder
 By J. J. [Signature] Deputy
 Feb 27 1963

STATE ENGINEER
 MISSOULA COUNTY
 FEB 27 1963

Paragraph of the original instrument...
 This instrument is a...
 and is hereby...
 and is hereby...
 and is hereby...

File No. _____

T 13 N R 18 W

DUPLICATE

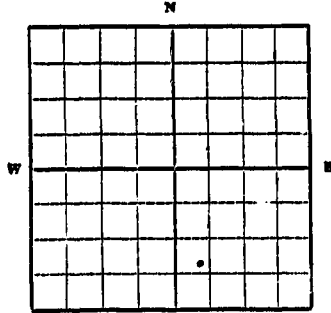
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 29 1963
STATE ENGINEER

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

1. Earl L. & Lillie E. Miles, of West Riverside Brg 617 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:



5 1/2 of 5 1/2 ³/₄ Lot 4-5-6
Block 4 West Riverside
1/4 Sec. 16 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 house hold, yard and garden
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1934 summer
Every day
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1000 gallons hr.
- 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 lots 4-5-6 Block 4 West Riverside
2 1/2 acs
Earl L. & Lillie E. Miles
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal well and pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Summer 1934

8. The depth of water table well 108 FT deep 60 FT water 48 FT of water

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
One well 108 FT deep 6 inch casing

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 do not know who
The driller was

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 Book 2 page 50 County Clerk and
Recorder's office Missoula, Montana

Signature of Owner Earl L. Miles
Date OCT 25, 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.

304

212318

I received and filed this instrument for
record on the 25 day of Dec 1968
at 11:00 a.m. o'clock P.M. permanent file
of Missoula County, State of Montana
Witness my hand:
MARRIN S. BENNER, County Recorder
By *Barbara Head* Deputy
Fee \$ 5.00 Paid

File No. _____

T. 13 N. R. 18 W.

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

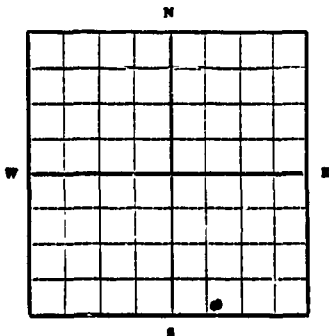
RECEIVED
DEC 30 1963

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

STATE ENGINEER

John Nagle and or Nellie Nagle of R 4 W. Riverside Missoula
(Name of Appropriator) (Address) (Town)

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



SW 1/4 SW Sec. 16, 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 and irrigation for lawn & garden

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1954

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

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 Lawn & garden

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 1954

8. The depth of water table 54" Static Water level

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 9806 ninety eight feet deep water drawn by Jet Pump

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 6' Pit 6' to 58' Clay, Gravel & Boulder 58' to 71' Clay & Gravel 71' to 9806 Gravel sand and water

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

Signature of Owner John Nagle

Date 12-20-1963

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.

565

214867

Copy

I received and filed this instrument as
record on the 26 day of Dec 1963
at 10:45 o'clock P.M. permanent files
of Missouri County, State of Missouri
Witness my hand:
MARTIN S. BIRNEY, County Recorder
By Martin S. Birney Deputy
Fee \$ 2.00 Paid

File No.

T. 13^N R. 18^W

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

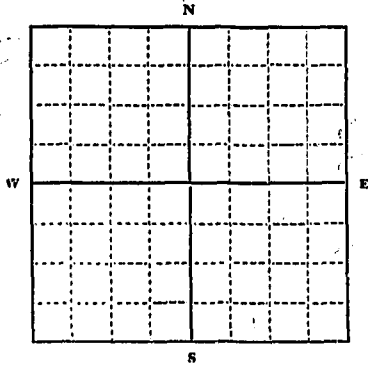
RECEIVED
JAN 3 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Iida M. Niemi, of Miltown,
(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. T. R.

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

Tract in S₄ 150'x80' Both in
Tract in S₄ 150'x100' Both in
Sec 16 - TWP 13 - Rgs 18

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1952 continuously since that
date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 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
None

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump in a pumphouse near the main
dwelling.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1952

8. The depth of water table 30 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, 6 in. casing, 100 feet deep

10. The estimated amount of groundwater withdrawn each year 15,768,000 gals

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 None

Signature of Owner Iida M Niemi

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.

1221

I received and filed this instrument for
 record on the 21st day of Dec, 1967
 at 110 110 permanent files
 of Missoula County, State of Montana
 Witness my hand
 By Walter Debus Deputy Recorder
 (Seal)

MISSOULA COUNTY CLERK
 MISSOULA, MONTANA
 RECEIVED
 1967 DEC 21

MISSOULA COUNTY CLERK
 MISSOULA, MONTANA
 RECEIVED
 1967 DEC 21

File No. _____

T 13^N R 18^W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

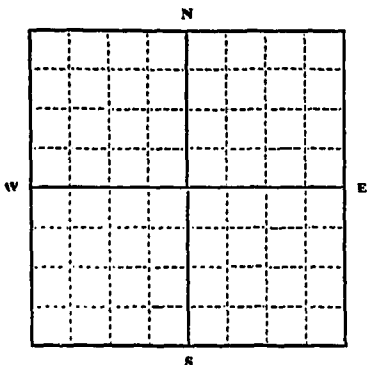
RECEIVED
JAN 3 1963

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

I, Louis A. Olson, of Box 74 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. 16, T.13N 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 1948. Continuous from the above 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 on Lots 5 & 6, Block 7, W. Riverside Addition 1, Missoula County.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Construction date unknown. Electric pump drawing water from well.
8. The depth of water table ~~XXXXXX~~ 35 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 Depth of well 90 feet, 6 inch casing, 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 Louis A Olson
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.

20216

1096 215571

Copy

I received and filed this instrument for
 record on the 31 day of Dec 1963
 at 4:57 o'clock P M, permanent file
 of Missoula County, State of Montana
 Witness my hand:
 By Ethel Lane County Recorder Deputy
 Fee \$ 2.00 Paid

File No. _____

T 13 N 18 W 16
County Missoula

DUPLICATE

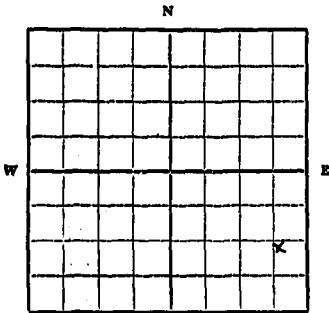
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 18 1963

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

STATE ENGINEER

1. William Olson of 915 Longstaff, 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:



in Lot 7 Block 5, W. Riverside
St. St. Sec. 16, 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 deed to property + 18093
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1920
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons per minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof lawn

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Lot 7 in block 5 of W. Riverside adding near to the town of Bonner Mont. sometime in 1920's

8. The depth of water table 22 ft of water well is 10.3 feet deep

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 drill well, 10.3 feet deep electric pumps withdrawal

10. The estimated amount of groundwater withdrawn each year about 15,000 gallons

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Book 112 of Deed page 608

Signature of Owner William Olson
Date Sept. 13, 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.

266

210792

I received and filed this instrument for
 record on the 13th day of Oct 1953
 at 9:38 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
MARTIN S. BEHNER, County Recorder
 By James Crane Deputy
 Fee \$ 2.00 Paid

INDEXED
 FILED
 MISSOULA COUNTY, MONTANA
 OCT 13 1953

MISSOULA COUNTY, MONTANA
 DEPARTMENT OF RECORDS AND CLERK OF DISTRICT COURT
 MISSOULA, MONTANA

File No. _____

DUPLICATE

T 13th R 18th 16
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

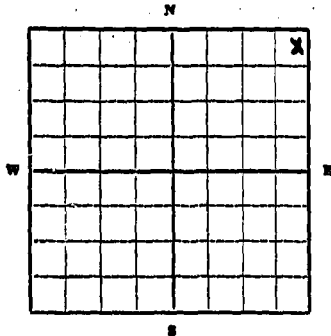
RECEIVED
DEC 3 1963

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

STATE ENGINEER

1. William H. & Helen J. Peers, of Rt 4 W. Riverside, Missoula, 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 1/2 Sec 16, 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 Domestic use for 2 houses

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1942 Continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Domestic use for 2 houses

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 Montgomery Wells 1 N.P.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1942

8. The depth of water table 97' from G.L. = 20' of water

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 Billed 6" I.D. 97' from G.L.

10. The estimated amount of groundwater withdrawn each year Domestic for 2 houses

11. The log of formations encountered in the drilling of each well if available 0 to 7' Pit, 7' to 34' clay & gravel, 34' to 48' Clay & boulders, 48' to 67' Clay, 67' to 70' Sand with some water, 70' to 81' Gravel & clay, 81' to 97' Sand, gravel & 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 None

Signature of Owner Wm. H. Peers + Helen J. Peers

Date November 15, 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.

2/21

213497

copy

I received and filed this instrument for record on the 27 day of 2002 1963 at 2 o'clock A.M., permanent files of Missoula County, State of Montana

Witness my hand:
 MARTIN S. BEHNER, County Recorder

By Patricia Lane Deputy
 Fee \$ 2.00 Paid

9

3.16

File No. _____

T. 13 N. R. 18 W

DUPLICATE

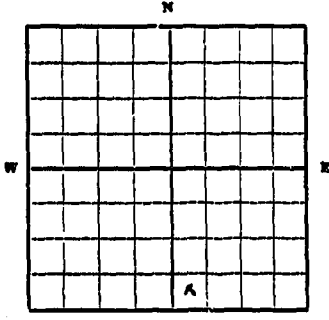
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 8 - 1963

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

1. Joseph R. and Edna M. Pelletier, as joint
tenants with right of survivorship of Route 4, Missoula, 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:



S 1/2 SW 1/4 SE 1/4 Sec. 16, T. 13 N. R. 18 W

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres. Lots 2, 3, 15 & 16 in Block 7 of Addition No. 1 of West Riverside, Missoula County, Montana.

- 2. The beneficial use on which the claim is based domestic household and lawn
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1, 1946
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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 80 x 80 ft and 80 x 60 (two lots) (another two lots) Owned by appropriator, above
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal well and pump located on Lot 2

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 1, 1946

8. The depth of water table 65 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 drill well - 6 inch casing, 86 feet long and 102 feet depth overall

10. The estimated amount of groundwater withdrawn each year 150,000 gallons per year

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

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

Edna M Pelletier
Signature of Owner Joseph R. Pelletier
Date July 2, 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.

4937

copy 208001
#208

I received and filed this instrument for
record on the 22 day of July 1965
at 4:30 o'clock P. M. permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER County Recorder
By *Natalie Rapp* Deputy
Fee \$ 2.00 Paid

STATE FRONTIER
MISSOULA, MONTANA

MISSOULA, MONTANA

File No. _____

T 13 N R 18 W T₁₀

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED

County Missoula

OCT 9 1969

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground
(Elev. above sea level _____)

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0 to 2' Top soil
2' to 70' Clay, gravel
& boulders
70' to 93' Sand, gravel
& water
93' to 94'-7" Gravel, sand
Sand clay & water

Owner Albert Fleghar Address 134 West Riverside

Driller Glenn Camp 705 Alder Address Missoula, Mont

Date of Notice of Appropriation of Groundwater _____

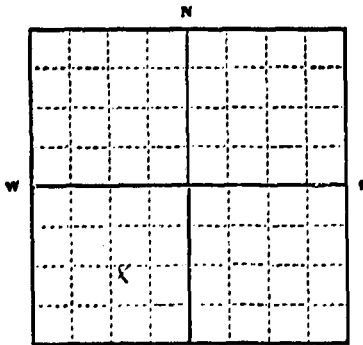
Date well started 4/11/63 Date Completed 4/18/63

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.D. seamless 19 lbs to foot	2' above S.L.	to 94'-7"	None		



Static Water Level for non-flowing Well 71'-7" from S.L., feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 71'-7" feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Ballow 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) _____

Sec. 16 T 13 R 18
W. Riverside N3 Lot 6 BIK1
All Lot 7 BIK1
Show exact depth of bottom.

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.

45776

137

285 297

received and filed this instrument for
 record on the 7th day of Oct, 1907
 at 10:15 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Vermon R. Couse, County Recorder
 By Wm. J. P. ... Deputy
Wm. J. P. ...

P.S.

MISSOULA COUNTY RECORDS
 DEPARTMENT OF COUNTY CLERK
 MISSOULA, MONTANA

File No.

T. 13² R. 18¹⁶

DUPLICATE

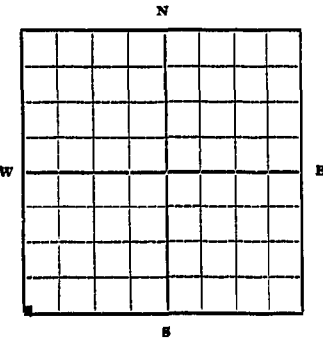
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

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

1. Arne Ranta of Box 13 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:



SW 1/4 Sec. 16, T. 13, R. 18
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, yard, and garden
- Date or approximate date of earliest beneficial use; and how continuous the use has been continuous since July 1939
- The amount of groundwater claimed (in miner's inches or gallons per minute) 100 gal per hour - (approximate)
- 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 acre - Arne Ranta
SW 1/4 Plot 5
Sec. 16, T. 13, R. 18
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 3/4 HP electric pump
with brush casing
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater approximately July 1939
- The depth of water table 44'
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 3/4 HP motor electric pump
9' deep, 5" well, brush casing below 6 ft pit
- The estimated amount of groundwater withdrawn each year 100,000 gal
- The log of formations encountered in the drilling of each well if available see notes
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record see above land base all survey
during summer of fall - approximately 2 months for cost of yard & garden

Signature of Owner Arne Ranta
Date Dec 27, 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.

214991

I received and filed this instrument for
 record on the 22 day of Dec, 1968
 at 1:25 o'clock P.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BEHNER, County Recorder
 By Matt J. [Signature] Deputy
 Fee \$ 3.00 Paid

This receipt is not valid unless the original is presented.

File No. _____

T. 13^N R. 18 ¹⁶

DUPLICATE

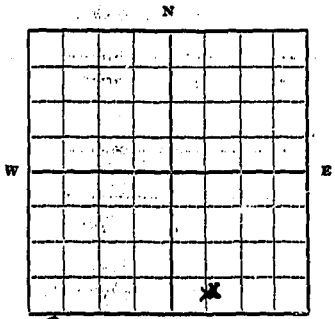
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
JAN 3 1964

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

1. HENRY V. EVANS & OTIS ROUSH of RT #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:



Lot 1 Blk 9
West Riverside #1

5 1/2 S.W. 1/4 Sec. 16. 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 USE
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been JUNE 24, 1946
CONTINUOUS UNTIL PRESENT TIME.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1,000 GAL PER HR.
- 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 LOTS 1 & 2 OF ABOVE APPROPRIATOR
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1 HORSE POWER PUMP IN WELL ON LINE BETWEEN LOTS 1 & 2
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater JUNE 24, 1946
- 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 8 INCH CASING - 95 FEET DEEP
- 10. The estimated amount of groundwater withdrawn each year 80,000 PER YEAR
- 11. The log of formations encountered in the drilling of each well if available NOT AVAIL.
- 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 VOL. 138 PG. 181

Lot 1 of Henry Evans
Lot 2 of Otis Roush
Signature of Owner
Date Nov 16, 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.

20017

File No.

T. 13^W R. 18^N T6

DUPLICATE

County: Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 20 1965

**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 4' Pit

4' to 20' Clay, gravel
& boulders

20' to 38' Clay

38' to 46' Sandy Clay

46' to 58' Clay & gravel

58' to 61' Gravel & boulder

61' to 93' Clay

93' to 98' Gravel, sand
& water

98' to 101' Gravel &
water

Owner: Dennis Ruano Address: W. Riverside

Driller: Glenm Camp 705 Alder Address: Missoula, Montana

Date of Notice of Appropriation of Groundwater: _____

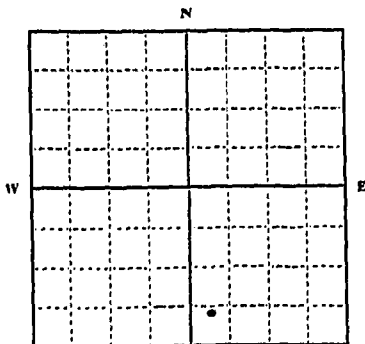
Date well started: July 19, 1964 Date Completed: July 23, 1964

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 Casings	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5"	5" I.D. 14 lbs to foot	8" above pit	Clear to 101'-5"	None		



SW¹/₄, SW¹/₄, S
SE¹/₄ Sec. 16 T. 13. R. 18.
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: 65' from G.L. feet.

Shut-in Pressure for Flowing Well: _____

Pumping Water Level: 70 feet at 15 gal. per minute.

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

How Tested: Bailer Length of Test: 4 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

Glenm 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.

39306

518

239178

I received and filed this instrument for
 record on the 10 day of July 19 68
 at 11:45 o'clock A.M. permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Vermae R. Crouse, County Recorder
 By *James Decker* Deputy
 Fee \$ 2.00 Paid

MISSOULA COUNTY
 CLERK

Q

RECEIVED

County Missoula

16

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

OCT 26 1972

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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.

Rudolph Hand Helmi S. Ruana

Owner Rudolph Hand Helmi S. Ruana
 Address Bx 574
4190 Grand Ave.
Bonner
Missoula, Montana
59823
 Date well started Sept. 25, 1972
 completed Sept. 28, 1972

For Administrator's Use	
File	<u>2356-323641</u>
Date	<u>Oct. 20, 1972 - 8:30 a.m.</u>
GW	<u>1</u>

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	Well: <u>W. Riverside</u>
0	5	<u>Gravel</u>
5	8	<u>Silt sand & water</u>
8	26	<u>gravel & tan clay</u>
26	90	<u>tan clay</u>
90	91	<u>gray clay & soap of water</u>
91	98	<u>gray clay</u>
98	101	<u>sand gravel & water</u>
101	103'6"	<u>gravel & water</u>

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

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

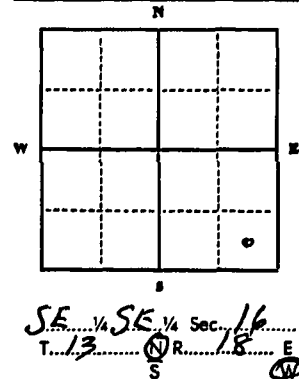
Water Use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other * Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
<u>6" ID</u>	<u>6" ID</u> <u>17 lb</u> <u>per ft.</u>	<u>222.</u> <u>above</u> <u>S.L.</u>	<u>103'6"</u>	<u>None</u>		



Static water level 70 ft.*
 Pumping water level 80 ft.*
 at 20 gallons per minute,
 measured ? minutes after pumping
 began.
 *Measured from ground level.
 Well developed by hand pump
 for ? hours.
 Power Electric Pump 3/4 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 [Signature]
 Driller's Address CAMP WELL DRILLING & EQUIP SUPPLY
1522 S. 14th St., Missoula, Montana
59801

LICENSE NO. 7

103'6" Show exact depth of bottom

51,689

2556

323641

I received and filed this instrument for
record on the 20 day of Oct 1927
at 8:30 o'clock A.M. permanent files
of Missoula County State of Montana
Witness my hand
Vernice E. Crozes, County Recorder
By Shirley M. Kelly Deputy
Fee \$ 2.50

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 Joel Salmonsen
Address P.O. Box 364
Milltown, Montana
Date well started Apr. 11, 1972
completed Apr. 11, 1972

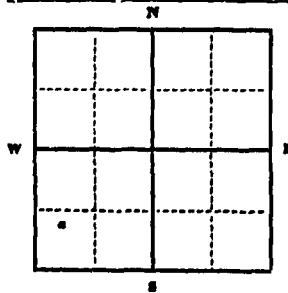
For Administrator's Use		
File #	<u>2261, 315171</u>	
Date	<u>April 12, 1972</u>	
Well No.	<u>GW 1</u>	

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

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

ESTIMATED ANNUAL WITHDRAWAL 3,000,000 gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 17#	1 up	93	---	---	---



Static water level 66 ft.*
Pumping water level 67 ft.*
at 40 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by Bailer
for 1 hours.
Power ----- Pump ----- HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) _____

S.W. 1/4 S.W. 1/4 Sec. 16
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 Charles J. Hellebrone
Driller's Address C.K.C. Drilling, P.O. Box 670,
Missoula, Montana LICENSE NO. 185

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	13	Gravel, Cobblestones, and Clay
13	50	Gravel and Clay
50	55	Boulders, gravel and clay
55	75	Gravel and clay
66	66	Static water level
75	90	Clay, Gravel, and some water
90	93	Sand, gravel and water

93' Show exact depth of bottom

50, 217

#2261 315171

I received and filed this instrument for
record on the 12th day of Apr. 73
at 11:45 A.M. at the office of the
of Missoula County State of Montana
Witness my hand
Vernon R. Greer, County Recorder
BY *James J. Greer* Deputy
Fee \$0.00 Paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

OCT 18 1971

DRILLER'S LOG

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

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Anna Stokol

Address Missoula

Montana 59851

Date well started Oct. 9, 1971

completed Oct. 6, 1971

For Administrator's Use	
File	<u>308575</u>
	<u>October 13, 1971</u>
	<u>11:30 AM</u>
GW 1	

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

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

Water Use: Domestic Municipal Stock Irrigation

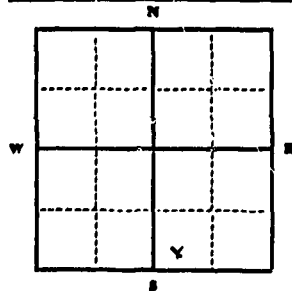
Industrial Drainage Other Garden/Lawn

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
6" ID	6" ID 17 lb above per ft. g.l.	9' 6"	109'			None



Static water level 60 ft.*
Pumping water level 65 ft.*
at 20 gallons per minute,
measured 4 minutes after pumping
began.
*Measured from ground level.
Well developed by test pump
for 4 hours.
Power Gas Pump 1 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff)

S $\frac{1}{2}$ Sec. 16 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

Driller's Address Camp Well Drilling & Pump Supply
1522 S. 4th St., Missoula, Montana 59801

Bill G. Baker LICENSE NO. 7

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	18	Clay Gravel & Cobblestones
18	61	Clay and Gravel
61	76	Clay and a few small rocks
76	78	Tight clay and Gravel
78	98	Clay
98	101	Sand Gravel & Water

109' Show exact depth of bottom

49234

240

308575

I received and filed this instrument for
record on the 15th day of Oct. 1911.
at 10:30 A. M. permanent files
of Missoula County, State of Montana
Witness my hand.
Vernon R. Cross, County Recorder
By ~~W. H. ...~~ Deputy
Fee \$2.00 Paid

File No.....

T. 13 N R 18 W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
SEP 6 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

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

- 0' to 1' top soil
- 1' to 26' Gravel, boulders and clay
- 26' to 42' Smaller clay with a little gravel
- 42' to 48' Soft clay with a little gravel
- 48' to 58' Gravel & clay
- 58' to 60' Sand & clay
- 60' to 62' Gravel, boulders & Clay
- 62' to 76' Sandy clay
- 76' to 80' Sand & boulders
- 80' to 89' Water, sand good sized gravel
- 89' to 97' sand, water a little gravel

Owner Mrs. C.R. Smith Address W. Riverside

Driller A.R. Conway Address Missoula, Mont

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

Date well started July 3, 1946 Date Completed July 9, 1946

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)
4"	4" I.D. seamless	Pit to	103'		None	

Static Water Level for non-flowing Well 62-77' from G.L. feet

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

Pumping Water Level 76' G.L. feet at 20 gal. per minute.

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

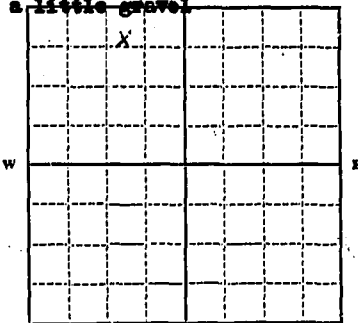
How Tested Bailer Length of Test 2 hours

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

Driller's License Number

Driller's Signature



N. 1/2 Sec. 14 T. 13 N R. 18 W
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

97' to 103' Gravel, sand & water
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.

5138

258
COPY 210410

I received and filed this instrument for
record on the.....4..... day of.....Sept..... 1963
at.....32..... o'clock.....P.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By.....*[Signature]*..... Deputy
Fee \$..... Paid

MISSOULA COUNTY RECORDS DEPARTMENT
RECORDS - 100 N. 1ST
MISSOULA, MONTANA 59801
PHONE 338-1100

File No.

DUPLICATE

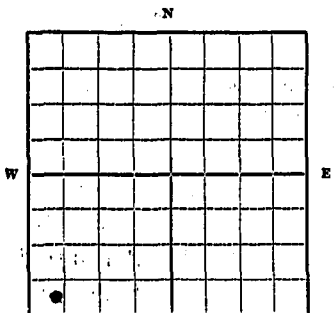
T 15 R 10 W 16
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 7 1963

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

1. G. W. Smith of Rt 4 W. Riverside 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:



LOT 16 BLOCK 2 W RIVERSIDE A DDITION

Sec. 14 T12 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 household purposes
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 920 I have had continuous use since 9-13-59
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gals per min.
- 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 with flowing water from well Rt 4 W. Riverside

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 100 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 No other

10. The estimated amount of groundwater withdrawn each year Lawrence's + Lawrence's

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 G. W. Smith

Date 9-23-63

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.

#278

copy

211477

I received and filed this instrument for record on the 28 day of Oct, 1962 at 2:10 o'clock P.M., permanent files of Missoula County, State of Montana

Witness my hand:
MARTIN S. BEHNER, County Recorder
 By Deputy Sherman, Deputy
 Fee \$ 2.00 Paid

RECORDED

INDEXED

12 10

BE
 et al.
 FULLER FLOCK S. & DAVIDSON V. DAVIDSON

Handwritten notes:
 10 days of ...
 ...
 ...

Handwritten note:
 1/2 of ...

Handwritten notes:
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 ...
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Handwritten note:
 ...

Handwritten note:
 ...

File No. _____

T. 13^N R. 18^W 16

DUPLICATE

County _____

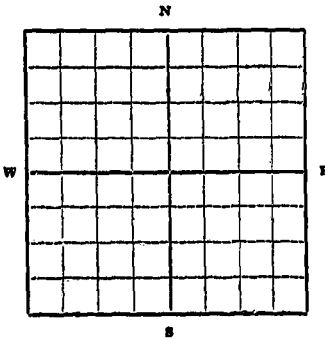
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1968

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

STATE ENGINEER

1. Lloyd A. Stimatz of Rte 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:



..... 1/4 Sec. 16 T. 13N 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 House hold
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 20 - 1935
Every day
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2.5 gal. Min.
- 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 Electric Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 12 - 1953 Completed May 17 - 1953

8. The depth of water table Static Level 67'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 5" Well 94'

10. The estimated amount of groundwater withdrawn each year 356,000 gal.

11. The log of formations encountered in the drilling of each well if available From Surface to 83' heavy gravel, sand & clay 85' to 94' water bearing 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. _____

Signature of Owner Lloyd A. Stimatz
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.

16

File No. _____

T. 13^N R 18^W

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

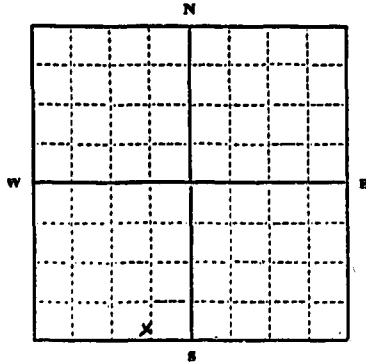
RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

I, Swan G. Swanson, of West Riverside Miltown
(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 SW 1/4 Sec. 16 T. 13N. 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. Domestic and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. June first 1954 continuous to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 20 gallon 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. 3,500 sq. feet of lawn around house

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric Pump
Location of well North East corner of
House located on lot 2, Block 4 of West
Riverside Addition, Missoula County, Mont.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. About Mayn 20 June 1 1954

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. Well is 96 feet has 1" pipe in 4" casing

10. The estimated amount of groundwater withdrawn each year. 440,000 gallon

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

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

Signature of Owner Swan G. Swanson

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.

17710

931

215404

931

I received and filed this instrument for
 record on the 21 day of Dec 1903
 at 11:45 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 M. S. BEHNER, County Recorder
 By *M. S. Behner* Deputy
 Fee \$ *2.00* Paid

5

File No. _____

DUPLICATE

T. 13^N R. 18^W 16
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 5 1963

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

Roy Swartz & Anna May Swartz Route 4 W. Riverside 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:

Block 126 1/2 West	
Riverside Road out upon	
the S. 1/2 S.W. 1/4 of Sec	
16 Twp. 13 N. R. 18 W.	
M.P.M. 1365.7 to corner	
to Sec 16 17 20 21 Sec	
16 & 21	
T. 13 N. R. 18 W.	

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since 1913

4. The amount of groundwater claimed (in miner's inches or 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 Lot 52' x 130'

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

1/4 Sec. T. R.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1913

8. The depth of water table 6.5'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater well 96' deep

10. The estimated amount of groundwater withdrawn each year Household and yard

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. at 3 block 1 town of West Riverside Montana according to official plat of said West Riverside 76' W. on file. Recorded in Missoula County

Signature of Owner Roy Swartz
Anna May Swartz
Date Feb 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.

#307

copy

212526

I received and filed this instrument for
record on the 31 day of Oct 1963
at 3:10 o'clock P. M., permanent files
of Missoula County, State of Montana

Witness my hand:

MARTIN S. BEHNER, County Recorder

By [Signature] Deputy

Fee \$ 1.00 Paid

File No. _____

DUPLICATE

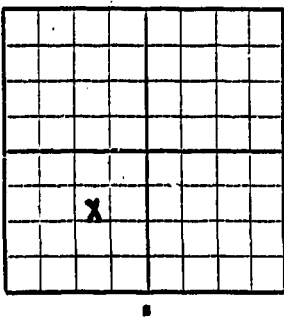
T. 13^N R. 18^W 16
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 6 1963
STATE ENGINEER

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

1. Gladys E. Towley of Rte. 4 West Riverside, 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 16 T 13 R 18
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 Domestic
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1947
- The amount of groundwater claimed (in miner's inches or gallons per minute) Domestic
- 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
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1947
- The depth of water table 105' from G.L. Approx 65' to water table
- 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 6" D. 105' from G.L.
- The estimated amount of groundwater withdrawn each year Domestic
- The log of formations encountered in the drilling of each well if available Not available
- 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 Gladys E. Towley
Date December 4, 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.

955/

213787

Copy

I received and filed this instrument for
record on the 7 day of Dec, 1961
at 11 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN E. BEHNER, County Recorder
By Marta J. [Signature]
Fee \$ 2.00 Paid

16

T. 13 R. 18

County MISSOULA

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
NOV 28 1958

WATER WELL LOG

STATE ENGINEER

Box 82

Owner Rudolph & Martina Treichel Address Milltown, Mont

Driller Glenn Camp Address 205 Alder Missoula, Mont.

Date Started 11/7/58 Date Completed 11/13/58

Location: Sec. 16 T. 13 R. 18 1/4 sec.

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

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other: _____

Casing: 6' below ground ft. to 9.8 ft. Type 1 1/2" seamless Size 5"

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 None

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

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

Pumping water level 25' of water in hole feet at Twenty (20) gal. per min. _____

How tested: Bailer

Length of test: _____

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)
96' to 98' good gravel

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	6'	pit
6'	24'	gravel Boulders and Clay
24'	29'	smaller gravel and clay
29'	32'	boulders gravel and clay
32'	45'	smaller gravel
45'	48'	clay
48'	68'	clay gravel and sand
68'	78'	clay
78'	81'	boulders and gravel
81'	94'	gravel water sand and clay
94'	96'	heaving sand pea gravel with water
96'	98'	good gravel and water

156956
 136
 135

I received and filed this instrument for record on the 13th day of July 1928 at 10:30 o'clock A.M. permanent files of Missoula County, State of Montana

Witness my hand:
 Robert W. Lee, County Recorder
 F. S. [Signature] Deputy

File No. _____

T. 13 N. R. 18

DUPLICATE

County _____

LOG

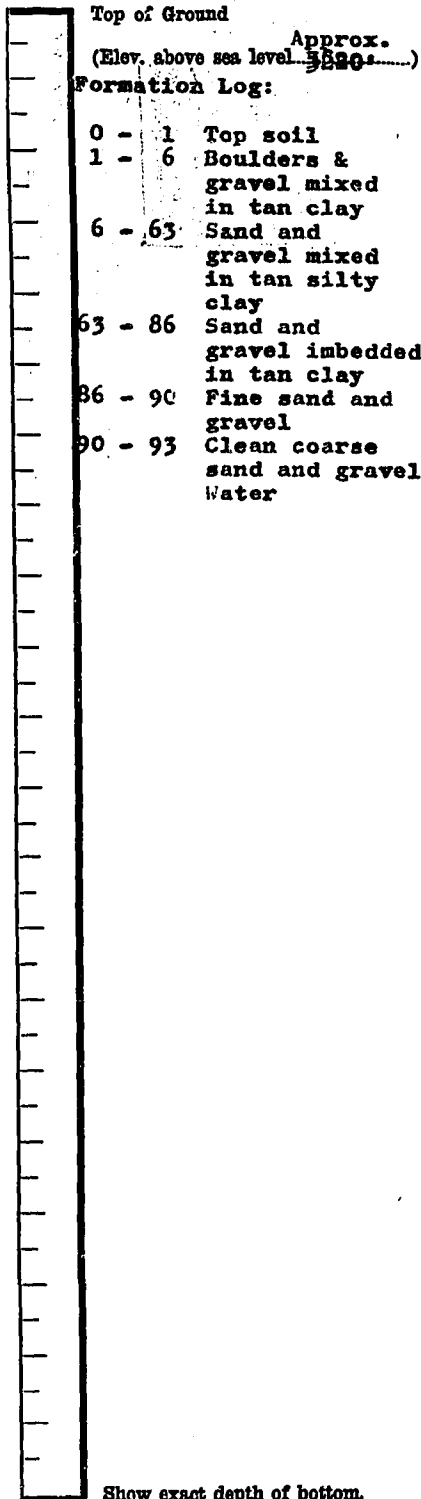
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAY 23 1965
STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)



Owner Mrs. Margaret Allport Address Missoula, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

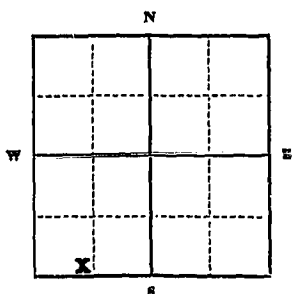
Date well started 9/22/64 Date completed 9/26/64

Type of well Drilled Equipment used Cable Tools
(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 5/8" OD x 3/4"	+6"	93	NONE		



Static Water Level for non-flowing well 63 feet.

Shut-in Pressure for Flowing Well None
Pumping Water Level 76 feet
at 30 gal. per minute.

Discharge in gal. per min. of flowing well None

How Tested Air Lift Pump

Length of Test Four hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water is entering well through the open bottom of six inch casing.

32 1/4 Sec. 27 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).

Lawn

Show exact depth of bottom.

Bottom of hole 93'

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

William F. Calhoun
Driller's Signature

39167

506

237107

I received and filed this instrument for
 record on the 25 day of Aug, 1965,
 at 11 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Vergmae R. Cross, County Recorder
 By John M. ..., Deputy
 Fee \$ 2.00 Paid cash

C

RECORDED
 MISSOULA COUNTY

Received by ...
 ...
 ...

File No.

T. 13 N. R. 18

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1965

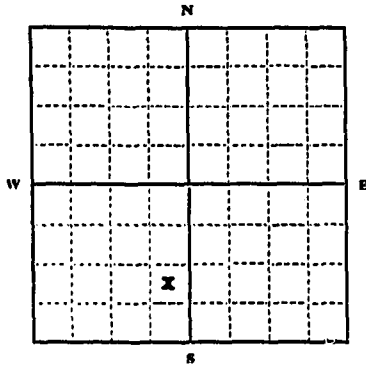
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. G.M. Anderson & Lois Anderson of Pine Grove 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:



S.E. 1/4 Sec 17 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 and lawn care
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1938 Continuous
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 Not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1938
8. The depth of water table 50 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled 6 inch casing 90 ft.
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 G.M. Anderson
Date December 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.

777 215185

I received and filed this instrument for
record on the 10th day of Dec 12 1963
at 11:00 o'clock A.M. permanent files
of Missoula County, State of Montana
Witness my hand:
MAYNARD S. BEHN, County Recorder
By *Mark S. Behn* Deputy
Fee \$ 2.00 Paid

File No. _____

DUPLICATE

T. 13 N R 18 S 17
County Missoula

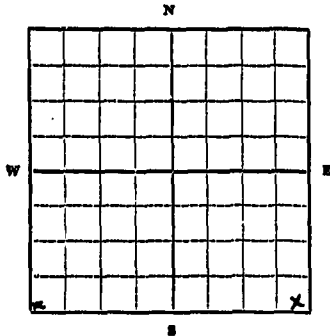
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

R
JAN 3 1963
STATE ENGINEER

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

1. SOPHIE BICH of Rt. 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:



SE 1/4, SE Sec 17, 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 Domestic-2 houses, garden and lawn
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948
- 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 1.28 acres
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 6 inch casing - 1 1/2 H.P. electric motor and pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1948
- 8. The depth of water table 15 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 - 85 feet deep electric motor and pump
- 10. The estimated amount of groundwater withdrawn each year 25,000 gallons
- 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 Deed to property recorded in Book 146 at page 58, Records of Missoula County, Montana

Signature of Owner Sophie Bich

Date December 20, 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.

20421

1302

I received COPY of the instrument for
record on file 319 of Dec 1962
at 100 o'clock PM, permanent files
of Missoula County, State of Montana
Witness my hand:
By [Signature] County Recorder
Fee \$ 2.00 Paid

17

File No.

T. 13^N R. 18^W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 2 1964

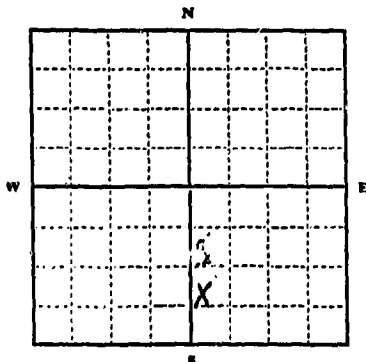
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Brian Motor Co. of Box 159 Missoula
(Name of Appropriator) (Address) (Town)

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



SW 1/4 SE Sec. 17, 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 for shop use only

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1956 and used for shop use since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gal per mine

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump SW 1/4 - SE Section T. 13 R. 18

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 28 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 96 feet deep - 1" casing

10. The estimated amount of groundwater withdrawn each year 35000 gal

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

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

Signature of Owner Thomas H. White, Vice.

Date 12-30-63

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

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

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

17691

905

215378

Copy

I received and filed this instrument for
 record on the 3rd day of Dec 1902
 at 11:02 o'clock A.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BRINER, County Recorder
 By *[Signature]* Deputy
 Fee \$2.00 Paid

[Handwritten signature]

[Handwritten signature]

2.

Box 128

[Handwritten signature]

[Handwritten signature]

[Handwritten notes]

[Handwritten notes]

[Handwritten notes]

[Handwritten notes]

[Handwritten notes]

11/11

[Handwritten notes]

File No. _____

T 13 N R 18 W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

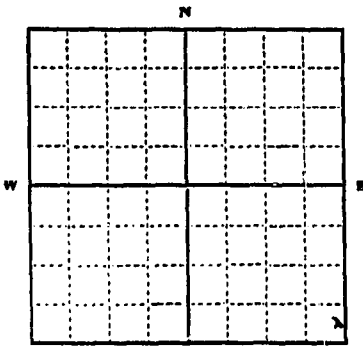
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Ross Cand. Carolina M. Christy, of P.O. Box 114 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 7
S 1/4 E Sec. 17 T. 13 N R. 18 W
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 house hold irrigating lawn - garden
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1961 continuously
- The amount of groundwater claimed (in miner's inches or gallons per minute) 115 gal per minute
- 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 acre same
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1 1/2 hp electric pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater unknown
- The depth of water table 6.7 ft
- 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" well 99' deep 1 1/2 hp electric pump
- The estimated amount of groundwater withdrawn each year 200,000 gal.
- 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 unknown

Signature of Owner Ross C. Christy Carolina M. Christy
Date 12/28/1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

35

215144

copy

I received and filed this instrument for
 record on the 30 day of June 1962
 at 11:46 o'clock A.M., permanent files
 of Missouri County, State of Missouri
 Witness my hand:
MARTIN S. BERKER, County Recorder
 By Margaret S. Berker, Deputy
 Fee \$ 32 Paid