

File No. ....

T. 13N R 18W 21

DUPLICATE

County Missoula

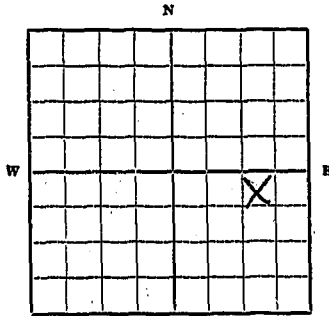
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
NOV 7 1963

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

1. Charles W. Viktora, of Box 236 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 4

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 Water well used for household purposes.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been September 1, 1957  
The useage has been continous 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 4, 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 and completed April 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withdrawal of groundwater Well casing 6 inches, depth of well from ground level 71 feet, drilled portion 65 feet, water withdrawn by electric pump system.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 The estimated amount of groundwater withdrawn each year For domestic use.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, 50 to 71 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 Charles W. Viktora

Date Oct. 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.

#309

212637

I received and filed this instrument for record on the 5<sup>th</sup> day of Nov, 1963 at 9:30 o'clock P.M., permanent files of Missoula County, State of Montana

Witness my hand:  
**MARTIN S. BEHNER, County Recorder**  
 By James Clark Deputy  
 Fee \$ 2.00 P.D. Paid

188

Well started and completed about 1963.  
 Well started and completed about 1963.  
 Well started and completed about 1963.

Well started and completed about 1963.  
 Well started and completed about 1963.  
 Well started and completed about 1963.

Well started and completed about 1963.  
 Well started and completed about 1963.  
 Well started and completed about 1963.

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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  
SEP 4 1963

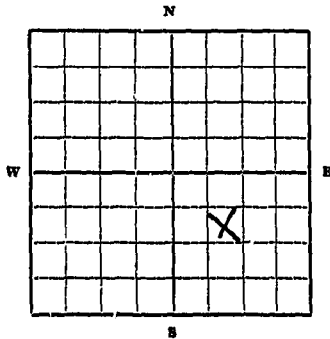
Declaration of Vested Groundwater Rights  
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Mrs Charles Reardon

Eino Wiemer, William Diabrow and 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:



1/4 Sec. 21 T. 13 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 Commercial and Residence

3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 1947 and has been in continuous use

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 no irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal one horse power Electrical Myers SubPump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 1947

8. The depth of water table 70 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 One well 70 feet depth 6 inch casing 525 gal Tank

10. The estimated amount of groundwater withdrawn each year six Million gallons

11. The log of formations encountered in the drilling of each well if available clay and 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 Eino Wiemer  
William A Diabrow

Date August 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.

257

210312

I received and filed this instrument for  
record on the 30 day of Aug 1963  
at 1:50 o'clock P.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
MARTIN S. BEHNER, County Recorder  
By Sherry Stalky, Deputy  
Fee \$ 2.00 Paid


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

T. 13 N. 18 W

DUPLICATE

County \_\_\_\_\_

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1963

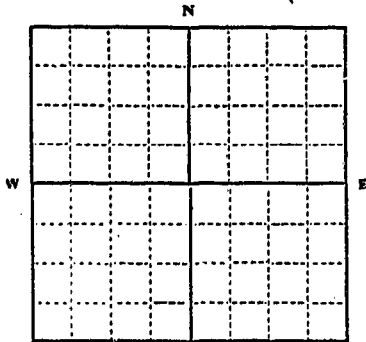
Declaration of Vested Groundwater Rights

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. FRANK ZAVARELLI of Rte. 2 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:



1 N 1/4 NW Sec 21 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 Irrigation (law)

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1955 - Daily

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 900 gal per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pump - 900 gal per minute 8" casing

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1955

8. The depth of water table 40 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 8" casing - 80 ft deep drilled well - pumped to surface

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

11. The log of formations encountered in the drilling of each well if available 4 ft black sandy loam - 16 ft gravel - etc.

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 Frank Zavarelli  
Date 31 Dec 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.

1151

I received and filed this instrument for  
 record on the 31 day of Dec 1967  
 at 5:41 o'clock P.M. permanent files  
 of Missoula County, State of Montana  
 Witness my hand  
 By Marty S. Palmer Recorder  
 Deputy  
 Fee \$ 2.00 Paid

*[Faint vertical text, possibly a date or reference number]*

*[Faint vertical text, possibly a name or title]*

*[Faint handwritten text]*

*[Faint vertical text, possibly a date or reference number]*

21

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

T. 13 N. 18 W.

DUPLICATE

County \_\_\_\_\_

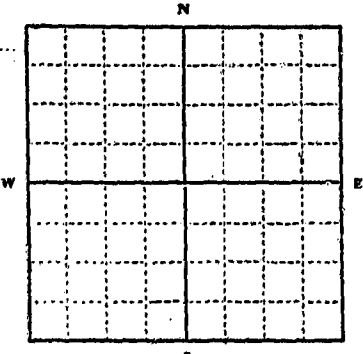
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1964

Declaration of Vested Groundwater Rights - ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. FRANK ZAVARELLI, of Rt 2 Missoula  
(Name of Appropriator) (Address) (Town)  
County of Missoula State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W. 1/4 Sec. 21, 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 & Irrigation

3. Date or approximate date of earliest beneficial use, and how continuous the use has been. 1956 - Daily

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 900 gal per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 5 ft pump - 100 gal per minute 2" casing

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. unknown 1956

8. The depth of water table. 40 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. 4" casing 80 ft deep, drilled well - pump under house

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

11. The log of formations encountered in the drilling of each well if available. 4 ft sandstone, 70 ft gravel & 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. None

Signature of Owner Frank Zavarelli

Date 31 Dec 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.

20277

1157

I received and filed this instrument for  
record on the 21<sup>st</sup> day of Dec 18  
at 5:57 P.M. in the permanent files  
of the County of St. Louis of Missouri  
By *Wm. S. Bell* Deputy Recorder  
Fee \$ *2.00* Paid

*Wm. S. Bell*  
*Deputy Recorder*  
*St. Louis, Mo.*



22

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

T. 13N R. 18W

DUPLICATE

County Missoula

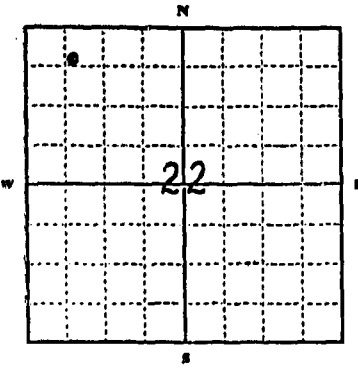
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 3 1968

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Anacoda, of Bozeman  
(Name of Appropriator) (Address) (Town)  
County of Missoula State of \_\_\_\_\_  
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 Industrial

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 10-16-58 Intermittent

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  
Not for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 3 HP Deepwell Pump

Md. 1/4, Sec. 22, 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 10-10-58 10-16-58

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 3 I.D. Casing, 82' 6" Deep

10. The estimated amount of groundwater withdrawn each year 1 Million Gallons

11. The log of formations encountered in the drilling of each well if available 0-12' gravel and boulders, 12'-17' gravel, boulders with clay, 17'-44' smaller gravel and clay, 44'-54' heavy sand and fair sized gravel and water, 54'-60' Sand and water, 65'-70' gravel, Sand and water, 70'-72' Clay and gravel, 72'-80' gravel sand and water, 80'-82' 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 None

Doc. No. 1201  
Filed for record  
this 31 day of Dec  
A. D. 19 63, at 7:21  
o'clock P. M.

Signature of Owner \_\_\_\_\_  
Date \_\_\_\_\_

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

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

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

20320

1201

*Copy*  
I received this document for  
record on the *31st* Dec. 19*63*  
at *321* of *321*  
of *321*  
Witness  
By *Marlene S. Schaefer*  
Fee \$ *2.00*

22

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

T. 13N R. 18W

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

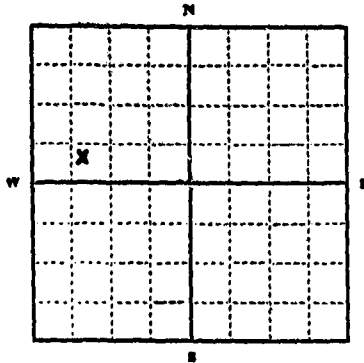
JAN 3 1963  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Anacosta Forest Products, of Bozeman  
(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 household and plant drinking water

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 200 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 for irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal vertical turbine pump - 20 HP

Section 22, T. 13, R. 18

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 1942

8. The depth of water table 48 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 - 103', 12" casing, pumping level 80'

10. The estimated amount of groundwater withdrawn each year 52,000,000 gallons

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

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

Doc. No. 1205  
Filed for record  
this 31 day of Dec  
A. D. 19 63, at 7:05  
o'clock P.M.

Signature of Owner \_\_\_\_\_  
Date \_\_\_\_\_

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

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

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

20324



22

File No. ....

T. 13N R. 18W

DUPLICATE

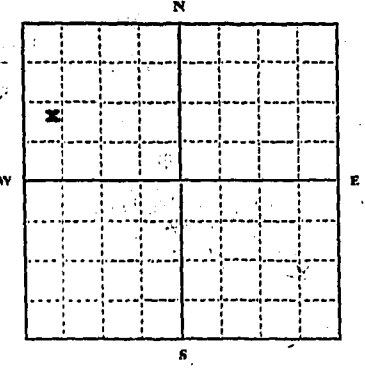
County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

RECEIVED  
JAN 3 1967

1. Anacosta Forest Products, of 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:



NW 1/4 NW 1/4 Sec. 22, 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 water and plant drinking water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1895... not in use since 1942 except for emergency
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 300 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 for irrigation
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... 10 HP vertical turbine pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... 1895
- 8. The depth of water table... 36 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... 30" diameter hand-dug well
- 10. The estimated amount of groundwater withdrawn each year... none - only in emergency
- 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

Doc. No. 1183  
Filed for record  
this 21 day of Dec.  
A. D. 19 63, at 7:06  
o'clock P. M.

Signature of Owner.....  
Date.....

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

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

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

20302

1183

I received of copy Dec. 1963  
 record on file lot in permanent files  
 at Deo'le St. P. of Missoula County, State of Montana.  
 Witness my hand:  
 By Martin S. Baker County Recorder  
 Fee \$          Paid

1183

RECORDED

1963

11

1963

MISSOURI







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

T. 13N R 18W 22

DUPLICATE

County Missoula

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 3290.)

Notice of Completion of Groundwater  
Appropriation by Means of Well

Well located at Bonner Pines Lot 4

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0-6 Clay and Cobblestones & Gravel

6-30 Gravel & Clay

Owner Onnie Nanna Address Box 485

30-60 Sand & Clay

Driller Glenn Camp Address Missoula, Montana

60-80 Water & Gravel & Sand

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

80-85'6" Gravel & Water

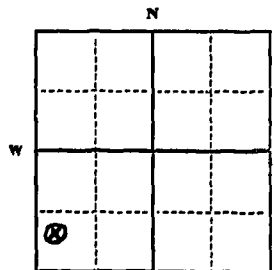
Date well started Nov. 8, 1962 Date completed Nov. 11, 1962

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.	1'6" above G.L.	85'6"		None	



Static Water Level for non-flowing well ..... 50 feet.

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

Pumping Water Level ..... 52 feet

at ..... 60 gal. per minute.

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

How Tested ..... Air Compressor

Length of Test ..... 1 hour

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

SW<sup>4</sup>SW<sup>4</sup>

1/4 Sec. 22 T. 13N R. 18W

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in this 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

Driller's Signature Glenn Camp

44,801

1845

DEPARTMENT

276-503

I received and filed this instrument for record on the 21 day of Nov, 1968 at 10:50 o'clock A.M., permanent files of Missoula County, State of Montana

Witness my hand:  
Veronica R. Crouse, County Recorder  
 By Christine H. Smith, Deputy  
 Fee \$ 2.00 Paid Cash

W  
C  
C  
C

			ⓧ

Original  
1/10/68

Original to be kept in  
Missoula County Recorder's Office

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

NTAN \_\_\_\_\_

T. 13N R. 18W 93

DUPLICATE

County MISSOULA

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 3275)

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

(Under Chapter 237, Montana Session Laws, 1961)

- 0-4 Pit
- 4-39 Gravel & clay
- 39-44 Clay
- 44-50 Gravel & Clay
- 50-59 Clay
- 59-65 Gravel, sand, clay and water
- 65-70 Clay
- 70-87 1/2 Sand, Gravel & Water

Owner Jalmer Karkanen Address Banner Pines Addn

1822 S. 14th W.

Driller Glenn Camp Address Missoula, Montana

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

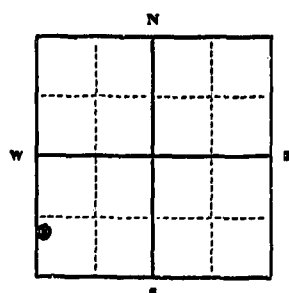
Date well started April 16, 1968 Date completed April 29, 1968

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 (Foot)	To (Foot)	PERFORATIONS		
				Kind Size	From (Foot)	To (Foot)
6" I.D.	6" D. 17 lb per ft	10" Above G.L.	58' 4"			
				none		



Static Water Level for non-flowing well  
from top of pipe 57' feet.

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

Pumping Water Level 57 feet  
at 38 gal. per minute.

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

How Tested Air Compressor

Length of Test 1 1/2 hours

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

SW 1/4 SW 1/4

1/4 Sec 22, 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).

DOMESTIC USE  
LOT 21 BANNER PINES ADD #1

Show exact depth of bottom.

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

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

License # 7

Driller's License Number

Glenn Camp  
Driller's Signature. Glenn Camp

44,087

1789

270850

I received and filed this instrument for  
 record on the 1st day of July, 1947  
 at 10:15 o'clock P.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 Verance R. Crease, County Recorder  
 By [Signature] Deputy  
 Fee \$ 2.00 Paid [Signature]

RECEIVED  
 MISSOULA COUNTY RECORDER  
 JUL 1 1947

ADDENDUM

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

Name of owner: Anton Koczura

Corrected land description: 1/4 NW 1/4 SW 1/4 SE  
Sec. 22 T 13N R 18W

Initials: CS

13N-18W S22

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

Imp on A.C.M. Land

T. R.

Lot 3 - Block 3

County - Missoula

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER  
OFFICE OF STATE ENGINEER

RECEIVED  
MAY 3 1963

Notice of Completion of Groundwater  
Appropriation by **META ENGINEER**

(Under Chapter 237, Montana Session Laws, 1961)

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

0 to 6' Pit

6' to 16' Tight clay

and gravel

16' to 17' Boulder

17' to 31' Tight clay

gravel & boulders

31' to 40' Tight clay

& gravel

40' to 51' Clay & gravel

51' to 59' loose clay,

gravel & some water

59' to 64' Sand, very little water

64' to 66' Sand, gravel & water

Owner: Anton Kosare Address: Milltown, Montana

Driller: Glenn Camp 705 Alder Address: Missoula, Mont

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

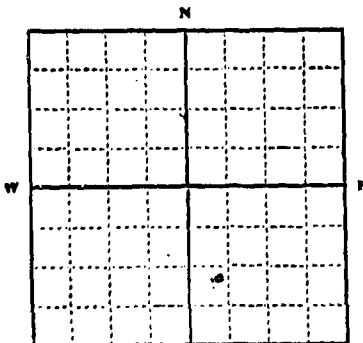
Date well started... 4/13/63 Date Completed... 4/17/63

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)
59' to 64' Sand, very little water	6"	6" I.D. seamless	6' below O.L.	to 64'	None		
64' to 66' Sand, gravel & water		19 lbs to feet	59'-0"				



LOT 3 - Block 3

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

Show exact depth of bottom.

Static Water Level for non-flowing Well... 46' from O.L. feet.

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

Pumping Water Level... 46 feet at... 15 gal. per minute.

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

How Tested... Pump tested 30 G.P.M. Length of Test... 1 1/2 hrs.

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

License # 7  
Driller's License Number

Glenn Camp  
Driller's Signature

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

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

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

#190 <sup>copy</sup> 205623

I received and filed this instrument for record on the 1 day of May, 1963 at 9:10 o'clock A.M., permanent files of Missoula County, State of Montana  
Witness my hand:  
**MARTIN S. BEHNER, County Recorder**  
By Paul Ross Ken Deputy  
Fee \$ 2.00 Pdc

DA1107118

REGISTERED PROFESSIONAL MECHANICAL ENGINEER  
MONTANA BOARD OF MECHANICAL ENGINEERS  
MAY 1 1963  
SPECIAL

Official stamp or seal, partially illegible.

Official stamp or seal, partially illegible.

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

T. 13 R 18

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
OCT 10 1963

Declaration of Vested Groundwater Rights

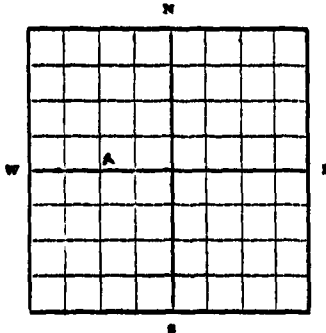
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Earl Kolpa of Bonner, 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:



N1/4, Sec. 22 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 and lawn watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1947-Continuous

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

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 and shrubs

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric 1-1/2 h.p. motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1947

8. The depth of water table 78 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 113 feet deep

10. The estimated amount of groundwater withdrawn each year 3650 gallons

11. The log of formations encountered in the drilling of each well if available Gravel, rock, clay

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 recorded in Book 194 of Deeds at page 226, Records of Missoula County Lot 10, Blk. 4, West Riverside, Missoula County.

Signature of Owner Earl Kolpa

Date October 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.



0281

211701

I received and filed this instrument for  
 record on the 8 day of Oct 1968  
 at 12:30 o'clock P.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 MARTIN S. BEENER, County Recorder  
 By Heath Head Deputy  
 Fee \$ 3.00 Paid

RECORDED

INDEXED

1968

10/8/68

MISSOULA COUNTY RECORDER  
 MISSOULA, MONTANA  
 1968 OCT 8 11:15 AM  
 MISSOULA COUNTY RECORDER  
 MISSOULA, MONTANA

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

**RECEIVED**

T. 13N R. 18W 22

DUPLICATE

DEC 27 1968

County Missoula

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground \_\_\_\_\_

(Elev. above sea level 3290.)

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

Well located at Bonner Pines

DEVELOPED AFTER JANUARY 1, 1962

0-8

Cobbles, Gravel & Clay

(Under Chapter 237, Montana Session Laws, 1961)

8-35

Gravel & Clay

Owner: Harry LaCasse Address: Drawer 9, Bonner, Mont  
1522 S. 14th

35-40

Sandy Clay

Driller: Glenn Camp Address: Missoula, Montana

40-61

Gravel & Clay

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

61-83

Water & Gravel

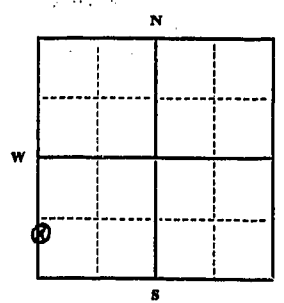
Date well started Nov. 6, 1968 Date completed Nov. 8, 1968

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.	2' above G.L.	83'		none	



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

50 feet  
from G. L.

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

10' Drawdown

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

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

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

How Tested Air Compressor

Length of Test 1 hour

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

SW 1/4 Sec. 22 T. 13N R. 18W  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

License # 7

Driller's License Number

Glenn Camp  
Driller's Signature

Driller's Signature Glenn Camp

441 885





# 2489

332701

I received and filed this Instrument for  
record on the 1 day of June, 1973  
at 9:30 o'clock A.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
Dorothy L. Head, County Recorder.  
By Vinda M. Sloan, Deputy  
Fee \$ 2.00 cash Paid

C

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

T. 13N R. 18W

DUPLICATE

MONTANA WATER RESOURCES BOARD  
LOG RECEIVED

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground \_\_\_\_\_

JAN 10 1968

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

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 25, Montana Session Laws, 1961)

0-4 Pit  
4-40 Gravel, sand & clay  
40-47 Sand, gravel & clay  
47-49 Clay, sand & gravel  
49-57'5" Clay, sand & gravel

Owner Mr. Melvin Madsen Address Banner, Montana

Driller Glenn Camp Address Missoula, Montana

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

Date well started Nov. 11, 1967 Date completed Nov. 24, 1967

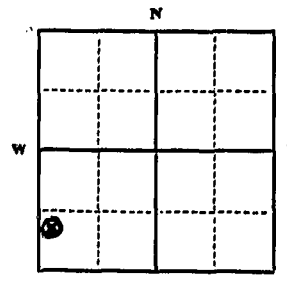
57'5"-61'4" Clay, sand & gravel  
61'4" Seep of water  
61'4"-39 Sand, Gravel  
69-76'10" Sand, Gravel  
76'10"-78 Sand, Gray  
78-84 Sand, Gravel, Water

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	G.L.	84'	None		



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

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

Pumping Water Level 50% feet at 35 gal. per minute.

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

How Tested Compressor

Length of Test 3 1/2 hours

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

W 1/2 SW 1/4 Sec. 22 T. 13N R. 18W  
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Lot No. 19 of Banner Pines Addition No. 1  
TRACT SUBDIVISION - MISSOULA COUNTY (Continue on reverse side)

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

Show exact depth of bottom.

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

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

License # 7  
Driller's License Number

Glenn Camp  
Driller's Signature. Glenn Camp

42,748

1767

267144

I received and filed this Instrument for  
 record on the 8th day of Jan. 1968  
 at 5:28 o'clock P.M. permanent files  
 of Missoula County, State of Montana,  
 Witness my hand:  
 Vermaas R. Crouse, County Recorder  
 By *M.A. Carrington*, Deputy  
 Fee \$2.00 Paid *[initials]*


MISSOULA COUNTY, MONTANA  
 COUNTY RECORDER  
 MISSOULA, MONTANA  
 JAN 10 1968

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

RECEIVED

T. 13N R. 18W

DUPLICATE

SEP 23 1968

County MISSOULA 22

LOG

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 3300.)

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

(Under Chapter 237, Montana Session Laws, 1961)

- 0-1 Topsoil
- 1-10 Sandy Clay
- 10-50 Gravel & Sand
- 50-60 Sand & Water
- 60-85 Sand, Gravel, Water
- 85-87'6" Gravel & Water

Owner John McClellan Address Bonner, Montana

1522 S. 14th W.

Driller Glenn Camp Address Missoula, Montana

Date of Notice of appropriation of groundwater August 23, 1968

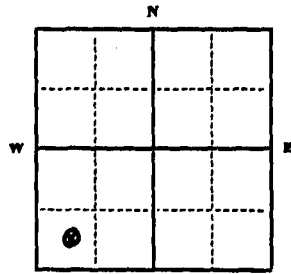
Date well started August 23, 1968 Date completed August 25, 1968

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.	1' above G.L.	87' 6"		NONE	



Static Water Level for non-flowing well 43 feet.

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

Pumping Water Level 43 feet at 50 gal. per minute.

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

How Tested Air Compressor

Length of Test 2 hours

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

SW 1/4 Sec. 22 T. 13N R. 18W

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

License # 7  
Driller's License Number

Glenn Camp  
Driller's Signature. Glenn Camp



1821

274716

I received and filed this instrument for  
record on the 18 day of Sept, 1968  
at 8:30 o'clock A.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
Verano R. Grouse, County Recorder  
By M.M. Conangan, Deputy  
Fee \$2.00 1 paid


How Property is to be Recorded

Department of Public Safety, State of Montana

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

DUPLICATE

T. 13<sup>N</sup> R. 18<sup>W</sup> 22  
County Missoula

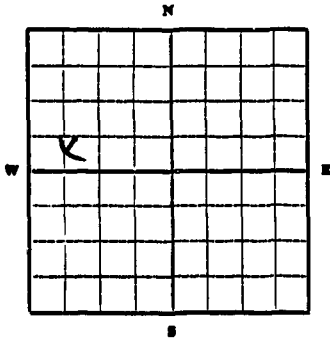
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JUL 17 1963  
STATE ENGINEER

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

Ernest L. Millikan (Name of Appropriator) of 410 Brookport (Address) Missoula (Town)

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



1/4 Sec. 42 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 and yard use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910 to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2-250 per hour each Pump

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 2-5 H.P. Electric Pumps

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Not known exact

8. The depth of water table 20 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 2 Electric wells 50 feet deep

10. The estimated amount of groundwater withdrawn each year 36,000,000 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. Lot 3 in Block 2 Pittsburg addition to Kennel also property described in Book 73 of Records Pages 111 and 170. Book 86 Page 307

Signature of Owner Ernest L. Millikan

Date July 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.

copy  
#215

208 395

I received and filed this instrument for  
record on the...15... day of July... 1963  
at 5:00 o'clock P.M. in the office  
of Missoula County, State of Montana  
witness my hand:  
MARTIN S. BEHNER, County Recorder  
By *Daphne Hayes* Deputy  
Fee \$ 5

MISSOULA COUNTY  
RECORDED  
JUL 15 1963

*Handwritten notes and signatures on the right side of the page.*

ADDENDUM

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

Name of owner: William N. Montelius

Corrected land description: SW + SW + SE  
Sec. 22 T13N R16W

Initials: CS

Helena Independent Record  
File No. \_\_\_\_\_  
DUPLICATE

T. 13<sup>N</sup> R. 18 W. 3<sup>E</sup>  
County Missoula

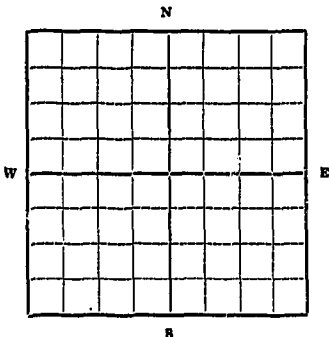
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 3 1964

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

1. William Neal Montelius, of P.O. Box 234 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.

2. The beneficial use on which the claim is based Gravel haul and fire protection
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1937 to 1963
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 gallons
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 William Neal Montelius  
Lot 1 and 2 in Block 10
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1/2 H.P. Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1937
8. The depth of water table 40 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 94 feet deep - 5 inch casing
10. The estimated amount of groundwater withdrawn each year Not available
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 available

Signature of Owner William Neal Montelius  
Date Dec 30<sup>th</sup> 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.

718

215127

*Copy*

I received and filed this instrument for  
 record on the 5th day of April, 1963  
 at 11:10 o'clock AM, 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

*[Faint, mostly illegible text, possibly a stamp or additional recording information]*

APR 5 1963  
 MISSOULA COUNTY RECORDER'S OFFICE  
 MISSOULA, MONTANA


22

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

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

DUPLICATE

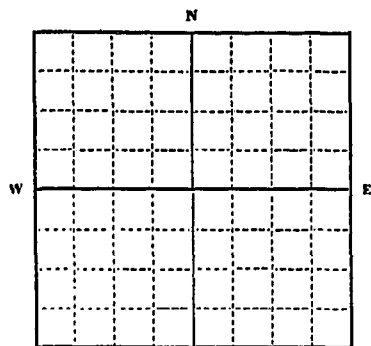
County \_\_\_\_\_

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)

1. William R. Teague and Bernice S. Teague of 1327 622 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:



S.E. 1/4 of the S.W. 1/4  
 1/4 of Sec. 22, T. 12 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 hold  
AND IRRIGATION
3. Date or approximate date of earliest beneficial use; and how continuous the use has been SOME TIME BETWEEN 1905  
AND 1908  
CONTINUOUS SINCE THAT TIME
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 GALLONS PER MINUTE
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
ABOUT 1/2 ACRE OF GARDEN AND LAWN  
BEARING TO  
WILLIAM R. & BERNICE S. TEAGUE
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ELECTRIC PUMP  
150 FEET NORTH OF SOUTH LINE AND 30  
FEET WEST OF EAST LINE.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... SOME TIME BETWEEN 1905 AND 1908
8. The depth of water table ABOUT 40 FEET
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater HAND DUG AND CEMENTED 3 1/2 FEET  
SQUARE FOR 40 FEET DOWN, AND 100 FEET OF 16 INCH PIPE MAKING  
A TOTAL OF 30 FEET DEEP.
10. The estimated amount of groundwater withdrawn each year 125,000 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 DO NOT KNOW

Signature of Owner William R. Teague

Date December 23, 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.

15273

707

215-108

*Copy*  
I received and filed this instrument for  
record on the *29* day of *June* 18*62*  
at *10:30* o'clock *A.M.*, permanent files  
of Missoula County, State of Montana  
Witness my hand:  
MARTIN S. BRINER, County Recorder  
By *Wm. A. [Signature]* Deputy  
Fee \$ *2.00* Paid



STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

**NOTICE OF COMPLETION OF GROUNDWATER  
APPROPRIATION BY MEANS OF WELL**  
Developed after January 1, 1962

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

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

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

Owner GRANT S. WESTPHAL

Address Beauregard, MT.

Date well started MAY 19, 1972

completed MAY 22, 1972

Type of well DRILLED

Equipment used CHURN

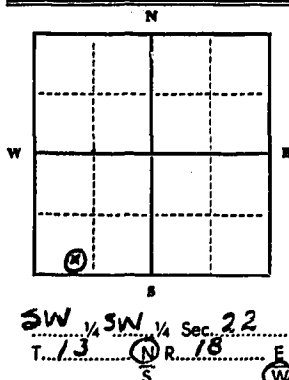
Water Use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other  \* Garden/Lawn

\*Describe \_\_\_\_\_

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

ESTIMATED ANNUAL WITHDRAWAL \_\_\_\_\_

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" I.D. 6-5/8" O.D.	ground level	69'	none	none	none	
17 lbs.						
1/4" side-wall						



Static water level 32 ft. \*  
Pumping water level 62 ft. \*  
at 40 gallons per minute,  
measured 120 minutes after pumping began.

\*Measured from ground level.  
Well developed by compressor  
for 4 hours.  
Power gas Pump 125 cu. ft.

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 Gerritt J. Willison

Driller's Address 1559 So. 5th W. MISSOULA, MONTANA

LICENSE NO. 151

69 ft. Show exact depth of bottom

RECEIVED

County Missoula 27

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)	
<u>0</u>	<u>31</u>	<u>Tan sandy clay</u>
<u>31</u>	<u>32</u>	<u>Tan clay, sand, gravel &amp; cobble stones</u>
<u>32</u>	<u>53</u>	<u>Sand, gravel and surface water</u>
<u>53</u>	<u>57</u>	<u>Tan clay, sand and gravel</u>
<u>57</u>	<u>67</u>	<u>Sand and water</u>
<u>67</u>	<u>69</u>	<u>Sand, gravel and water</u>

52.757

40 329597  
I received and filed this instrument for  
record on the 26 day of Nov 1973  
at 9:30 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 Paid

MISSOULA COUNTY RECORDER  
MISSOULA, MONTANA

MISSOULA COUNTY RECORDER  
MISSOULA, MONTANA

File No. ....

T. 13 N 18 W 23

DUPLICATE

County Blaine

RECEIVED  
APR 29 1965

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater SEPTEMBER 1962

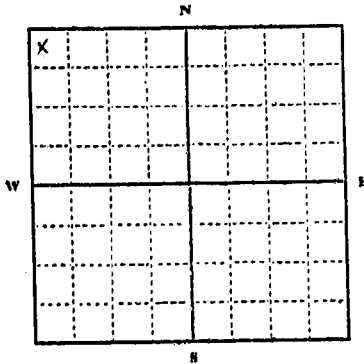
Owner Jared F. Helty Address Box 446 Bonner

Contractor (if any) NONE

Address of Contractor .....

Date Started August 1962 Date Completed September 1962

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. I have 380' of 1 1/2" plastic water pipe buried from a cement catch basin, which is filled by a natural spring of water running on top of the ground.



NW 1/4 Sec 23 T13N. R18W

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

Place of use is Lot #4 of Garnet Terrace Addition No. 2. Appropriation is approximately 380' East.

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. This is a small spring south of the bigger spring my mother uses.

By using a catch basin there is plenty of water for our home, lawn, trees, small garden, but not enough for irrigating.

Signature of Owner

*Jared F. Helty*

Date 4-23-64

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.

#1492

235801

I received and filed this Instrument for  
record on the 26... day of April 19 65  
at 9:22 o'clock A.M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
Vermon B. Cross, County Recorder  
By *Walter C. Manning* Deputy  
Fee \$2.00..... Cash Paid

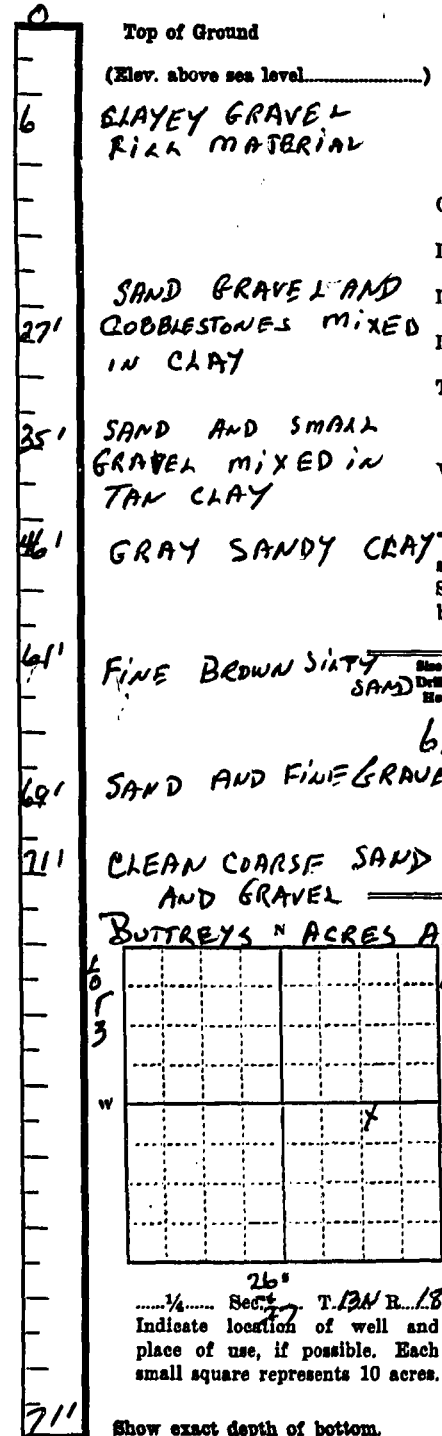
File No. ....

T 13 N R 18 W

DUPLICATE

County MISSOULA

STATE OF MONTANA RECEIVED  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER NGV 19 1963



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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: ALBERT W. DUFRESNE Address: BUTREYS ACRES MONT

Driller: WILLIAM OSBORNE Address: 1020 MAIN ST.

Date of Notice of Appropriation of Groundwater: SEPT 1, 1962

Date well started: AUG 24, 1962 Date Completed: SEPT 1, 1962

Type of well: DRILLED Equipment Used: 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	From (Feet)	To (Feet)
65' FINE BROWN SILTY SAND	6 5/8"	6 5/8"	TOP OF GROUND	71'	NONE		
69' SAND AND FINE GRAVEL		OD BLACK STEEL CASING					
71' CLEAN COARSE SAND AND GRAVEL							

Butreys N Acres AS Static Water Level for non-flowing Well: THIRTY feet.

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

Pumping Water Level: 30 feet at 50 gal. per minute.

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

How Tested: AIR LIFT PUMP Length of Test: TWO 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) \_\_\_\_\_

26 Sec 17 T.13N R.18W

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

Show exact depth of bottom.

52 Driller's License Number

William F. Osborne 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.

# 325

copy 21308'2

I received and filed this instrument for record on the 15 day of Nov, 1963 at 3:55 o'clock P.M., personal file of Missoula County, State of Montana

Witness my hand:  
 MARYLIN S. BEHNER, County Recorder  
 By Sandra J. Williams, Deputy  
 Fee \$ 2.00 Paid

1963 NOV 15 3 55 PM  
 MISSOULA COUNTY REC'D

1963 NOV 15 3 55 PM  
 MISSOULA COUNTY REC'D

27

File No. ....

T. 13 N. R. 18

DUPLICATE

County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JUN 30 1963

Declaration of Vested Groundwater Rights

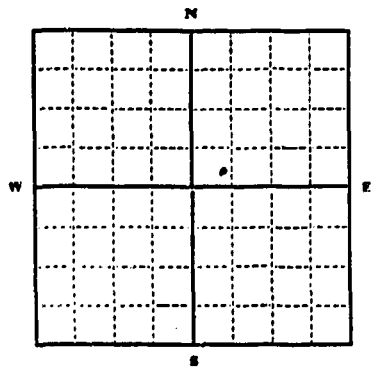
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Hanson Arthur W & Mary of 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:



NE 1/4 Sec. 27, 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: Irrigation and house use water for cattle.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1940 and used for irrigation and house use.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: Garden, house, house use & water cattle. Arthur W. Hanson

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1940

8. The depth of water table: 18 ft from top of ground to 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: Drilled well with 1 1/2 inch casing 25 ft deep. Electric pump with 1 horse power motor situated in a box of gasolene next to house. Pump is set 1 ft above concrete shaft that extends to water level.

10. The estimated amount of groundwater withdrawn each year: 3

11. The log of formations encountered in the drilling of each well if available: Had to drill deeper on account of sand.

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 1, Page 5 line 1

Signature of Owner Arthur W. Hanson  
Date 12/28/63

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.

15251

654 215033

I received and filed this instrument for  
record on the 27th of Dec 1968  
at 4:00 o'clock P.M. pursuant to the  
of Missoula County, State of Montana  
Witness my hand:  
JAMES WINNER, County Recorder  
By: *Whitman* Deputy  
Fee \$ 2.00 Paid



27

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

STATE ENGINEER  
**Notice of Completion of Groundwater Appropriation  
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

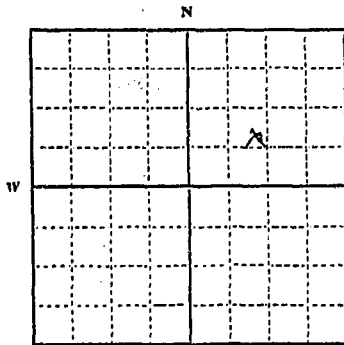
Date of Appropriation of Groundwater Dec 23 1963

Owner Arthur Olson Address Bonnet Mont.

Contractor (if any) .....

Address of Contractor .....

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



NE 1/4 Sec 27 T.13. R.18  
Indicate point of appropriation  
and place of use, if possible.

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. This is a spring which at the present time, needs bulldozed work on it to open it up to full capacity.

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. The water runs in the spring at present, but with bulldozed work, it could be made to run the year around. Have no idea of the amount of water it could run.

Signature of Owner Arthur H. Olson

Date Dec 23, 1963

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

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

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

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

683 215032

I received and filed this instrument for  
record on the 27<sup>th</sup> of Dec 1963  
at 4:19 o'clock P.M. permanent files  
of Missoula County, State of Montana  
Witness my hand  
GWIN S. SHNER, County Recorder  
By *Step Fene* Deputy  
Fee \$ 2.00 Paid

027

File No. ....

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

DUPLICATE

County .....

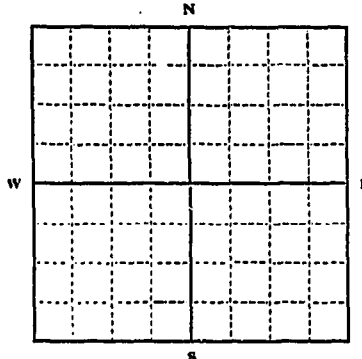
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 30 1963  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ADELARD JOSEPH CADIEUX, of Box 71 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:



N.W. 1/4, Sec. 17, T. 13, 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 DRINKING  
COOKING IRRIGATING
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2.7 ft
- 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  
0.06 ACRES - LAWN & SMALL GARDEN PLOT
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
None JUG 531

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1950
- 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 60' 2.7 ft water 5" casing
- 10. The estimated amount of groundwater withdrawn each year 100,000 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 don't know

Signature of Owner Adelard Cadieux  
with Cadieux  
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.

15291

734

215-143

*Copy*  
 I received and filed this instrument for  
 record on the 30 day of Dec 1948  
 at 11:40 o'clock A.M., permanent files  
 of Missoula County, State of Montana  
 Witness my hand:  
 MARTIN S. BEHNER, County Recorder  
 By Alvin J. [Signature] Deputy  
 Fee \$ 2.00 Paid

RECEIVED

JUL 3 1964

31

File No. ....

T. .... R. ....

DUPLICATE

County .....

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE OFFICE OF STATE ENGINEER

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

0 to 7' Pit

7' to 18' Clay, gravel & boulders

18' to 20' Gravel, clay & a trace of water

20' to 38' Clay & gravel

38' to 66' Gravel, sand & water

66' to 70' Gravel & water

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Lyle R. Cross Address: Piltzville

Driller: Glen Camp 705 Alder Address: Missoula, Montana

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

Date well started: Aug 3, 1964 Date Completed: Aug 5, 1964

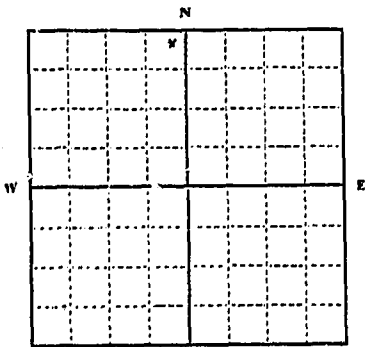
Type of well: Drilled Equipment Used: Churn Drill  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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.

354273, 2570  
6-29-73  
2:52 P.M.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.D. 18.37 # to feet	1' above floor	65'-2"	None		



1/4 Sec. 27 T. 13N. R. 15W  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.  
NE 1/4, NE 1/4, NE 1/4  
Show exact depth of bottom.

Static Water Level for non-flowing Well 34' from G.L. feet.

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

Pumping Water Level 37 feet at 15 gal. per minute.

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

How Tested Compressor Length of Test 3/4 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

Licence # 7

Driller's License Number

Glen 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.

55319

#2972

334322

I received and filed this instrument for  
record on the 27 day of Sept 1913  
at 2:22 o'clock P. M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
Dorothy L. Head, County Recorder  
By M.M. - [Signature], Deputy  
Fee \$ 2.00 cash Paid

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

DUPLICATE

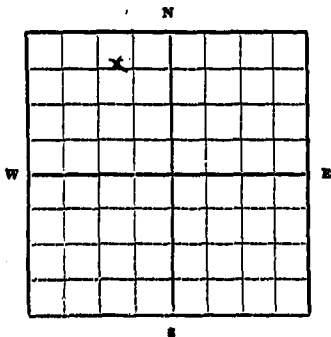
T. 13<sup>th</sup> R. 18<sup>th</sup> - 27  
County Missoula

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 23 1953  
STATE ENGINEER

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

1. Mrs. Aggie M. Demmons, of Box 550 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:



N.E. 1/4 N.W. Sec. 27, 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, irrigation and sprinkling
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Aug. 30 - 1950  
U.S.A. continuously since
- 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 Peterson Addition - Lot 15  
Mrs. Aggie M. Demmons
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump on Peterson Addition - Lot 15

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commencement - Aug. 23 - 1950  
Completion - Aug. 30 - 1950
- 8. The depth of water table From Surface of ground - 26 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 Depth of well - 62 ft.  
4 inch casing - Well casing weight 11-165 per foot.
- 10. The estimated amount of groundwater withdrawn each year 1,947,600 gallons
- 11. The log of formations encountered in the drilling of each well if available Natural gravel  
formation 10 ft. Glacier drift
- 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 Mrs. Aggie M. Demmons  
Date \_\_\_\_\_

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

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

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

465

214551

I received and filed this instrument for  
 record on the 20 day of July, 1967  
 at 10:45 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

[Faint, mostly illegible handwritten notes and signatures, possibly including names like 'MARTIN S. BRINER' and 'Deputy']





#2592 334379

I received and filed this instrument for  
record on the 29 day of June, 1953  
at 12:30 o'clock P. M., permanent files  
of Missoula County, State of Montana  
Witness my hand:  
Dorothy L. Head, County Recorder  
By C. H. Hanson Deputy  
Fee \$2.00 Paid

GW 2

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

DUPLICATE

LOG

Top of Ground (Elev. above sea level) unknown



2583; 334380  
6-29-73  
4:30 p.m.

18'

30'  
Show exact depth of bottom.

RECEIVED

JUL 3 1973

T13N R18W

County Missoula

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

STATE OF MONTANA ADMINISTRATOR OF GROUNDWATER CODE STATE WATER CONSERVATION BOARD

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

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

Owner Roy D. Erickson Address Route 4, Bigwill

Driller Roy D. Erickson Address \_\_\_\_\_

Date of Notice of appropriation of groundwater June 1968

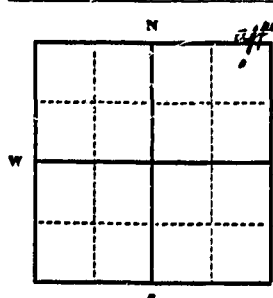
Date well started June 1968 Date completed June 1968

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

Water use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" sch-40 Pipe			3/4" 2	30	25



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

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

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

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

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

How Tested \_\_\_\_\_

Length of Test \_\_\_\_\_

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

S1/2 Sec 27 T13N R19W  
Plot E4

Indicate location of well and place of use, if possible. Each small square represents 40 acres

(Continues on reverse side)

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

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

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

Driller's License Number \_\_\_\_\_  
Roy D. Erickson  
Driller's Signature

55330

334380

I received and filed this instrument for record on the 22 day of April 19 72 at 4:30 o'clock P. M., permanent files of Missoula County, State of Montana  
Witness my hand:  
Dorothy L. Head, County Recorder  
By C. J. [Signature] Deputy  
Fee \$ 2.00 Paid


MISSOULA COUNTY RECORDER  
MISSOULA, MONTANA