

11219

**FILED**

At 9:25 O'Clock AM

Dec 31 1963

*[Signature]*  
County Clerk and Ex-Officio Recorder of

Custer County, Montana

*[Signature]*

File No.....

T. ~~88~~ R. ~~48E~~

DUPLICATE

County Custer

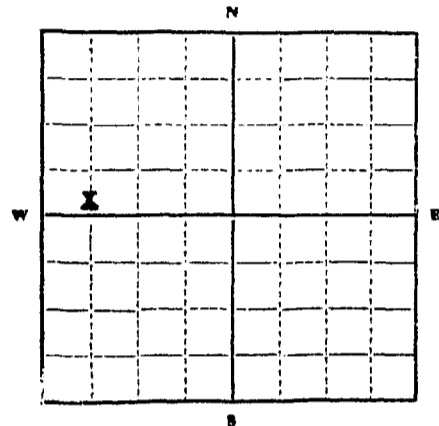
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 28 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Muggli Bros Inc. of RFD #1 Miles City  
(Name of Appropriator) (Address) (Town)  
County of Custer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 7 T. 88 R. 48E

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... Livestock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1938, continuous use since then
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 3 gallons per minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof... none
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... Windmill and 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 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... hard water well, 30 feet 4" casing
- 10. The estimated amount of groundwater withdrawn each year... 200,000 gallons
- 11. The log of formations encountered in the drilling of each well if available... none
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record... none

MUGGLI BROS INC.

Signature of Owner By Tom Muggli

President

Date December 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.

11067

**F I L E**

At 7:39 O'clock P.M.

Dec 30 1963

*J. F. Anderson*  
County Clerk and Ex-Officio Justice

County Clerk and Ex-Officio Justice  
Custer County, South Dakota

By *Ruth Ross*

File No. ....

T. 28 R. 48E

DUPLICATE

County Custer

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

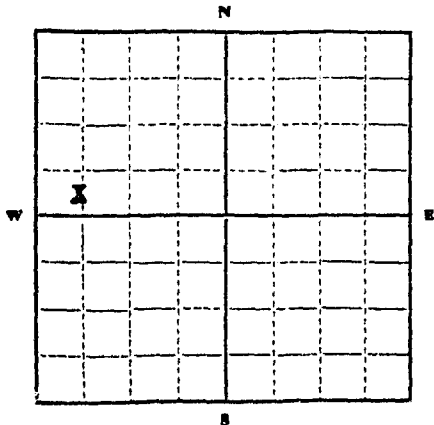
RECEIVED  
DEC 28 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Muggli Bros Inc. of POD #1 Miles City  
(Name of Appropriator) (Address) (Town)  
County of Custer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 7 T. 28 R. 48E

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, live stock and commercial
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1927 and continuous use since then
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gal.
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 pressure pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater June 1927
8. The depth of water table 190 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 artesian well 160 feet 1 1/2" casing and 34 feet of 4" casing
10. The estimated amount of groundwater withdrawn each year 1,000,000 gallons
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

MUGGLI BROS INC.  
Signature of Owner: By Don Muggli  
President  
Date December 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.

1069

**F I L E D**

At 9:41 O'clock A.M.

Dec 30 1963

*W. H. Anderson*  
County Clerk and Ex-Officio Recorder of

*Ruth Ross*  
Deputy

File No. ....

T. 8N R. 48E

DUPLICATE

County Custer

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

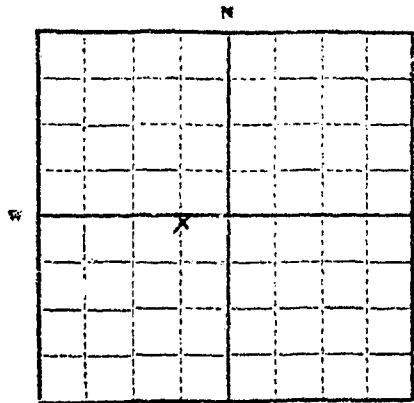
RECEIVED  
DEC 16 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Clarence E. Retelick of Miles City  
(Name of Appropriator) (Address) (Town)  
County of Custer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Out of NE 1/4 - SW 1/4  
1/4 Sec. 7 8N R. 48E

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  
Aug. 25, 1932 till present date Dec. 9, 1963

4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
Approx. 150 gal. per day  
60,000 gallon per year

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
Well drilled on August 25, 1932

8. The depth of water table 250 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  
250 Feet Deep

10. The estimated amount of groundwater withdrawn each year 60,000 gallons

11. The log of formations encountered in the drilling of each well if available  
20 feet top soil - 20 Feet Gravel - 220 feet shale

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 Clarence E. Retelick

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.

9134

10716

FILED  
11 11 50 6'clock P.  
Dec 13 1963  
H. E. Anderson  
County Clerk and Ex-Officio Recorder  
Corte, Santa Monica  
Ruth Root

File No. ....

T. 8N R. 48E

DUPLICATE

County CUSTER

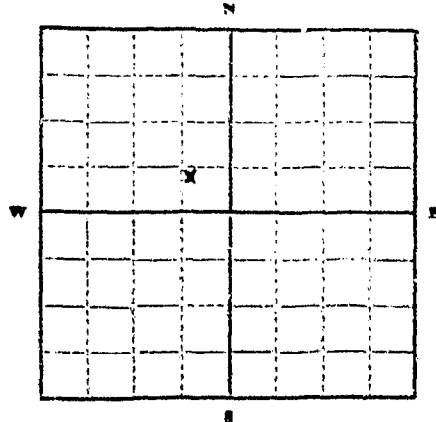
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Amos M. STEVENS of Box 137 Route 1 Miles City  
(Name of Appropriator) (Address) (Town)  
County of CUSTER State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SESE 1/4 NW Sec. 7 T 8N R 48E

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 LIVESTOCK
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been... PRIOR TO 1830 - CONTINUOUS
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 1.0 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... NONE
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... PUMP - ELECTRIC
- 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... SURFACE
- 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... ARTESIAN - NON-FLOWING, ABOUT 100 FOOT - 2" CASING
- 10. The estimated amount of groundwater withdrawn each year... 200,000 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

Signature of Owner *Amos M. Stevens*  
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.

1699'



1306

**F I L E D**

12:55 P.M.

Dec 31 1963

*[Signature]*

County Clerk and Ex-Officio Recorder

Centre County, Pa.

*[Signature]*

File No. ....  
DUPLICATE

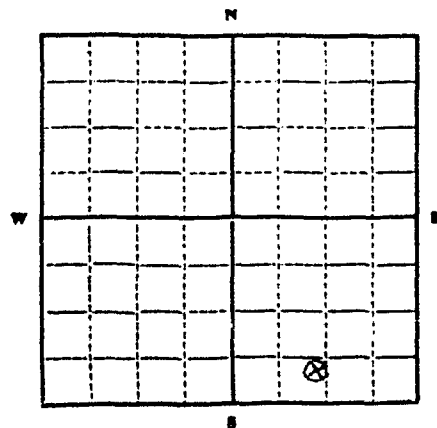
T. 8 R 48C  
County Custer

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Abner G. Hallam Farnum of P.O. Box 145 Miles City  
(Name of Appropriator) (Address) (Town)  
County of CUSTER State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



$\frac{1}{4}$  Sec. I T. 8 R. 48C.

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. Stockwater
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. May 21, 1946 continuous
- 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.....
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. windmill and pump engine and jack.
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Drilled 5/21/1946
- 8. The depth of water table. 80 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. 3 1/2 ft. depth well with 4" casing
- 10. The estimated amount of groundwater withdrawn each year. 200,000
- 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.....

Signature of Owner Abner G. Farnum  
Date Dec 31, 1965

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.

46651

18824

**FILED**

At 2:23 O'Clock P.M.

Jan 4 1966

H. E. Anderson

County Clerk and Ex. Sec. of Recorder of

Deer County, Michigan

Ruth Cook

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

T. 8N R. 48E

DUPLICATE

County CUSTER

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

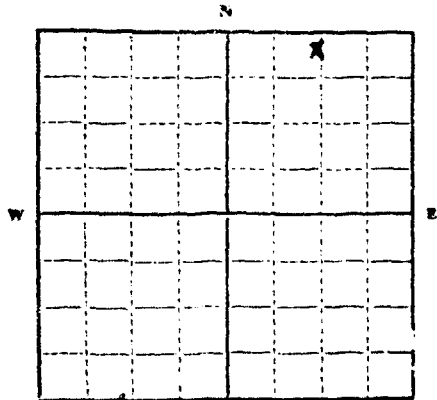


Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. LAURENCE WOLFGENANT of MILES CITY  
(Name of Appropriator) (Address) (Town)  
County of CUSTER State of MONTANA  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N 1/2 NE 1/4  
N 1/2 NE 1/4 Sec. 8 T. 8N R. 48E

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 LIVESTOCK
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1929 - CONTINUOUSLY
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 1.5 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. NONE
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. PUMP - JET

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. N.A.
- 8. The depth of water table. 22 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 200 LF DEPTH
- 10. The estimated amount of groundwater withdrawn each year. 300,000 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.

Signature of Owner Laurence Wolfgenant  
Date 12-18-62

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.

6385

**F I L E D**

At 4:45 Block 6.2  
1000  
H. E. Anderson

County Clerk and Ex-Officio Recorder of  
Rock County, Wisconsin

Deputy

File No. ....

T. 8 N. R. 48 E.

DUPLICATE

County Custer

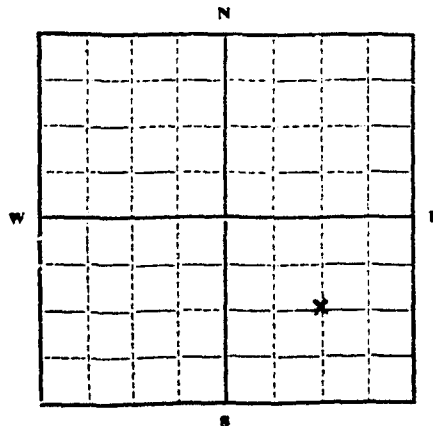
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 16 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

I, Alvin Birkholz of Box 112 Miles City  
(Name of Appropriator) (Address) (Town)  
County of Custer, State of Montana,  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 18 T. 8 N. R. 48 E.

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 livestock water.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1929
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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 no
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Windmill
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1929
8. The depth of water table Unknown
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Casing
10. The estimated amount of groundwater withdrawn each year 500 gallons a day probably average.
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 to my knowledge.

Signature of Owner Alvin Birkholz

Date December 12, 1963

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

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

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

9132

1683  
1683

**FILED**

At 3:05 O'clock P.

Dec 17 1863

*H. Anderson*

County Clerk and Ex-Officio Recorder  
Custer County Montana

1863

File No. ....

T. 8 N. R. 48E

DUPLICATE

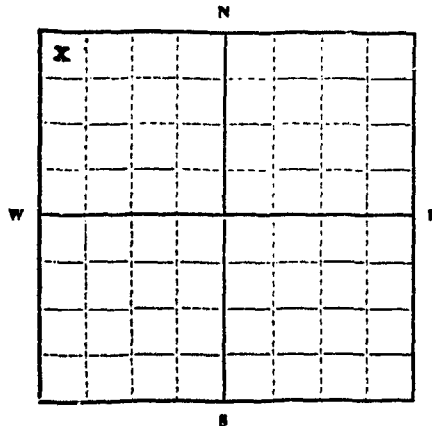
County Custer

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Alvin E. Birkholz of Box 112 Route 1, Miles City  
(Name of Appropriator) (Address) (Town)  
County of Custer 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. 18 T. 8N R. 48E

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 and stock watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. XX 1928 - continuous use

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. not known - approximately 1928

8. The depth of water table. not known

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. not known

10. The estimated amount of groundwater withdrawn each year. 540,000 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

Signature of Owner Alvin E. Birkholz  
Date December 9, 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.



1963

**FILED**

At 3:00 P.M. 9'Clock

Dec 9 1963

*H. Anderson*  
County Clerk and Ex-Officio Recorder  
Custer County, Montana

RECEIVED

Sec. 20 T. 8 R. 48 E  
County: Ruston

STATE ENGINEER MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner: John Kenzog Address: Miss City Mont  
 Driller: George J. Robin Address: ✓ ✓ ✓  
 Date Started: Dec. 22, 1959 Date Completed: Dec. 30, 1959  
 Location: Sec. 20 T. 8 R. 48E 1/4 sec.

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

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

Casing: 0 ft. to 263 ft. Type: Standard Size: 4 inch  
 Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type: \_\_\_\_\_ Size: \_\_\_\_\_  
 Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type: \_\_\_\_\_ Size: \_\_\_\_\_

Perforated or Screened: Ft. 63 to ft. \_\_\_\_\_ Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

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

Static Water level, for non-flowing well: 62 feet.

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

Pumping water level: 62 feet at \_\_\_\_\_ gal. per min. 15

How tested: Bailer

Length of test: 4 hours

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

(over)

135129

Depth, feet		Description of Material Drilled	
			From
		FILED	
		at 3:40 O'Clock P	
		Jan. 4 1960	
		J. E. Anderson	
		County Clerk and Ex-Officio Recorder of	
		Castle County, Montana	
			Dep't

Log of Well

File No. ....

T. 8 N R. 48 E

DUPLICATE

County Custer

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1930

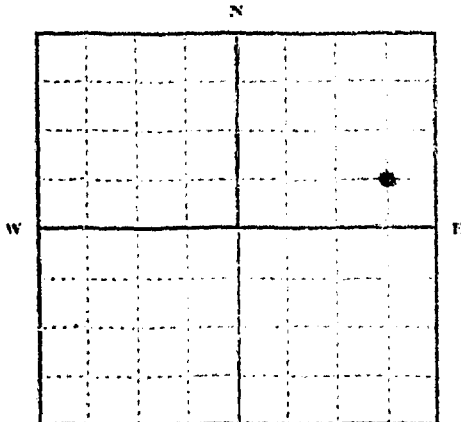
Owner Abner G. Farnum and Katherine Farnum Address Yellowstone Valley Miles City, Montana

Contractor (if any) None

Address of Contractor .....

Date Started 1930 Date Completed 1930

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. This water is taken from the surface through a continuously flowing spring through pipes into a stock water tank.



Lot 2  
~~xxx~~ Sec. 24 T. 8 N R. 48 E.

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

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

estimate approximate lengths of periods of use. The use is continuous and the water appropriated is 2 cubic feet per second of time.

Abner G. Farnum

Signature of Owner Katherine Farnum

Date November 7, 1972

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.

45888

29404

**FILED**

11 10:30 AM A

Nov 20 69

Rush Root

County Clerk and

Custodian of Records

by

1-

T 8 N R 48 E

County Custer

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

MONTANA SURVEYING BOARD  
RECEIVED

NOV 21 1969

Date of Appropriation of Groundwater 1930

Owner Abner G. Farnum and Katherine Farnum Address Yellowstone Valley Miles City, Montana

Contractor (if any) None

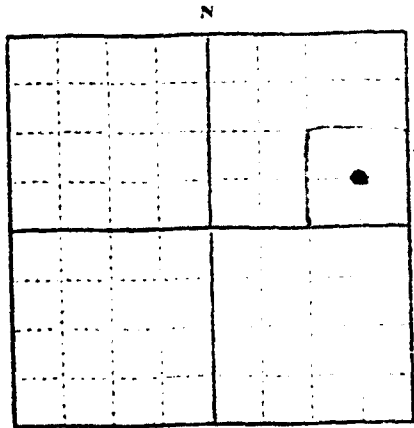
Address of Contractor

Date Started 1930 Date Completed 1930

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. This water is taken from the surface through a continuously flowing spring through pipes into a stock water tank.

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 use is continuous and the water appropriated is 2 cubic feet per second of time.



Lot 2  
~~xxx~~ Sec. 24 T. 8 N. R. 48 E.

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

Abner G. Farnum

Signature of Owner Katherine Farnum

Date November 7, 1970

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.

45888

29404

**FILED**

At 10:30 O'clock A

May 20 1969

Rich Riet

County Clerk and Ex-Officio Recorder  
Custer County, Montana

BY \_\_\_\_\_ Deputy

~~BRUCE M. BROWN  
LAW OFFICES  
14 NORTH 9TH STREET  
MILES CITY, MONTANA 59601~~  
DENLEY ASSOCIATE

~~BRUCE M. BROWN  
LAW OFFICES  
14 NORTH 9TH STREET  
MILES CITY, MONTANA 59601~~  
JANUARY 27, 1970

TELEPHONE 232-2054

Montana Water Resources Board  
Groundwater Division  
Mitchell Building 59601  
Helena, Montana  
addressed to Robert G. and Katherine  
appeared under the names  
the notice  
checking in the

XXXXXXXXXXXXXXXXXXXX  
BRUCE M. BROWN  
DEWEY M. HUSS  
ASSOCIATE

BRUCE M. BROWN  
LAW OFFICES  
~~XXXXXXXXXXXXXXXXXXXX~~  
14 NORTH 9TH STREET  
MILES CITY, MONTANA 59301  
January 27, 1970

TELEPHONE 232-3054

Montana Water Resources Board  
Groundwater Division  
Mitchell Building  
Helena, Montana 59601

Gentlemen:

Your enclosed request addressed to Abner G. and Katherine Farnum was referred to us for reply.

The correct date that should have appeared under the names of the owners is November 7, 1969, and upon checking in the County Clerk and Recorders office we find that the notice filed there has the correct date.

You also asked for information concerning the amount of annual withdrawal in gallons per year and as near as we can figure this it is approximately five hundred million gallons per year.

Yours very truly,

Bruce M. Brown  
Bruce M. Brown

ETM:sms

Enclosure

MONTANA WATER RESOURCES BOARD  
**RECEIVED**

JAN 28 1970

XXXXXXXXXXXXXXXXXXXX  
MONTANA WATER RESOURCES BOARD  
14 NORTH 9TH STREET  
MILES CITY, MONTANA 59301  
TELEPHONE 232-3054

FILE  
# 10:30  
12:30 O'clock  
County Clerk and Recorder  
Custer County, Montana  
copy



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 Richard Lane Hagan  
Dick Hagan  
Address 231 1/2 Sudlow,  
Miles City, Montana 59301

For Administrator's Use	
File	<u>31899</u>
	<u>June 16, 1971</u>
	<u>4:20 P.M.</u>
GW 1	

Date well started 12-22-70  
completed 12-31-70

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

Equipment used Rotary  
(Churn drill, rotary or other)

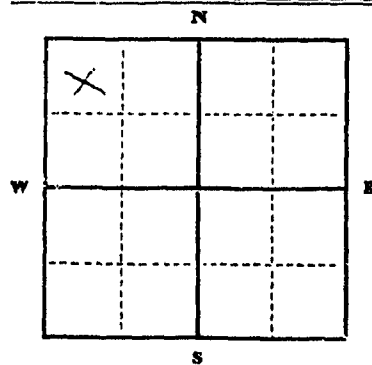
Water Use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other \* Garden/Lawn

\*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 Size	From (Feet)	To (Feet)
<u>5 5/8</u>	<u>4" 11 lb.</u>	<u>0</u>	<u>270</u>	<u>3/8 holes</u>	<u>230</u>	<u>270</u>



Static water level 12.5 ft.\*  
Pumping water level 15.0 ft.\*  
at 10 gallons per minute,  
measured 60 minutes after pumping began.  
\*Measured from ground level.  
Well developed by Barber  
for 2 hours.  
Power \_\_\_\_\_ Pump \_\_\_\_\_ HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff) \_\_\_\_\_

N. 1/4 N.N. 1/4 Sec. 29  
T. 8 N.R. 48 E. 5

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

Driller's Signature Floyd Higgins

Driller's Address 731 No Center

Miles City LICENSE NO. 12

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	10	<u>Gravel</u>
10	13	<u>Gravel</u>
13	42	<u>Varied Shales</u>
42	43	<u>rock</u>
43	130	<u>Varied Shales</u>
130	150	<u>blue clay</u>
150	152	<u>rock</u>
152	165	<u>fine sand</u>
165	333	<u>blue clay</u>
333	355	<u>Water sand</u>
355	770	<u>clay</u>

270 Show exact depth of bottom

31899

**FILED**

At 4:20 O'Clock P.M.

June 16 1971

D. J. Hall

County Clerk and Ex-Officio Recorder of  
Custer County, Montana

Fees \$7.00

6001

File No. ....

T. 8 N R. 48 E

34

DUPLICATE

County Custer

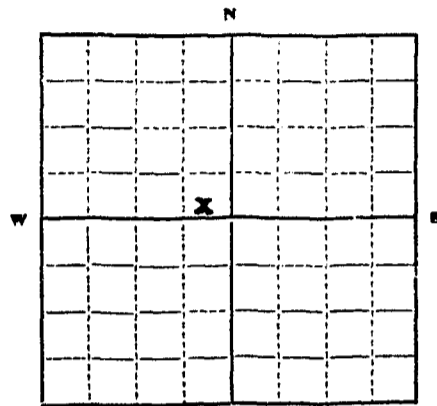
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964

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

1. **John L. Aye** of **2105 Brisbin** **Miles City**  
(Name of Appropriator) (Address) (Town)  
County of **Custer** State of **Montana**

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



NW 1/4 Sec **34** T. 8 N R. 48 E

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... **1958 continuous**
- 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... **1/2 acre John L. Aye Section 34 T. 8N R. 48E**
- 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... **1958**
- 8. The depth of water table... **120 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, 4" casing, 120 feet deep**
- 10. The estimated amount of groundwater withdrawn each year... **1/2 acre foot**
- 11. The log of formations encountered in the drilling of each well if available... **no**
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record... **no**

Signature of Owner... *John L. Aye*  
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.

16956

1863

**FILED**

At 11:12 O'Clock A  
Dec 31 1863

*J. F. Anderson*

County Clerk and Ex-Officio Recorder  
Duple County, Missouri

File No. ....

T. S. N. R. 48 E

DUPLICATE

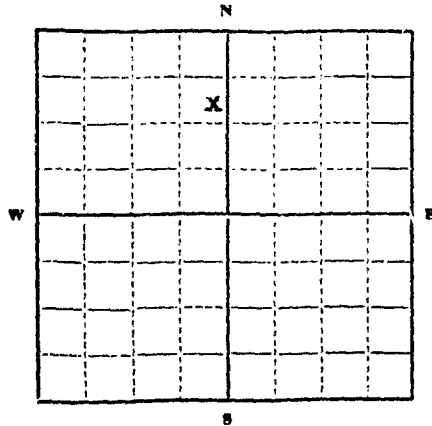
County Custer

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC

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

1. C. PAUL HUGHES of 2116 Main Wiles City  
(Name of Appropriator) (Address) (Town)  
County of Custer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec 34 T. 8N R. 48E

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 1910
- 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 1/3 acre
- 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 about 1910
- 8. The depth of water table Not sure but about 300 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 4" diameter 300 feet deep. These are estimates
- 10. The estimated amount of groundwater withdrawn each year One acre foot
- 11. The log of formations encountered in the drilling of each well if available none available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner C. Paul Hughes  
Date 12/27/63

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

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

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

13959

10936

**FILED**

At 12:55 O'Clock P.M.

Dec 27 1963

*H. E. Anderson*

County Clerk and Ex-Officio Recorder  
Custer County, Montana

By \_\_\_\_\_

Date \_\_\_\_\_

File No. ....

T 24 R 48E 35  
County Custer

DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 18 1964  
STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)

State of Montana  
Owner Industrial School Address Box 210, Miles City, Mont

Driller George F. Askin Address Miles City, Montana

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

Date well started..... Date Completed.....

Type of well Drilled Equipment Used Rotary  
(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.

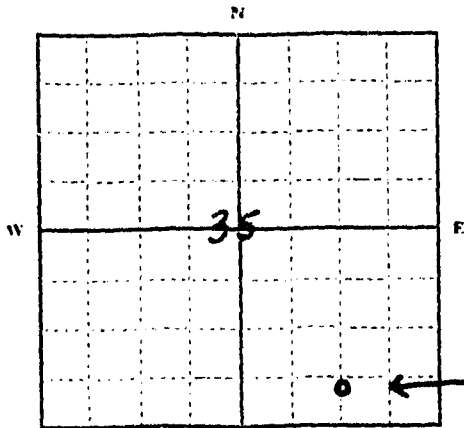


Top of Ground  
(Elev. above sea level.....)

0'-100' Gravel  
100'-150' Sand  
Water level 20'

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	4" std.	0'	135'	4" 1/2"	135'	175'

#11 pipe



NE 1/4 Sec 35 T8N R48E  
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 40 (20) feet.

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

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

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

How Tested Bailed Length of Test 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).....

50  
Driller's License Number

George F. Askin  
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.

38177

15095

**FILED**

At 2:40 O'Clock P. M.  
Dec. 16 1964

*J. E. Anderson*

County Clerk and Ex-Officio Recorder of  
Custer County, Montana

Deputy



STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
MONTANA WATER RESOURCES BOARD

DRILLER'S LOG

36

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 Paul Herzog

Address Miles City

Date well started 12-23-71

completed 2-10-72

Type of well Drilled

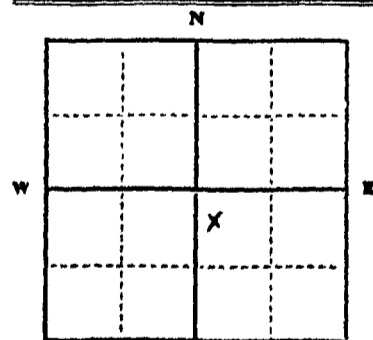
Equipment used ROTARY

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)
7/8"	6"-10	0'	70'			
5/8"	4" 5"	70'	300'	3/8" Hobs	270	300



NW 1/4 SE 1/4 Sec. 36  
T. 8 N. R. 48 E. W.

Static water level 190 ft.\*  
Pumping water level .....ft.\*  
at 3 gallons per minute,  
measured .....minutes after pumping began.  
\*Measured from ground level.  
Well developed by B.I.T.  
for 1 hours.  
Power..... Pump..... HP  
Remarks: (Gravel packing, cementing, packers, type of shutoff) .....

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

Driller's Signature [Signature]

Driller's Address 221 110 Center

Miles City

LICENSE NO. 12

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	70	Red Shale
70	136	shale grey
136	138	Rock
138	182	shale grey
182	260	SAND ROCK
260	300	Grey Shale

300 Show exact depth of bottom

51,059

34015

**F I L E D**

At 10:00 AM

July 31 77

L. J. Nance  
County Clerk and Ex-Officio Recorder of  
Custer County, Montana

By Ruel Reed Deputy



File No. ....

T. 8 R. 49E.

DUPLICATE

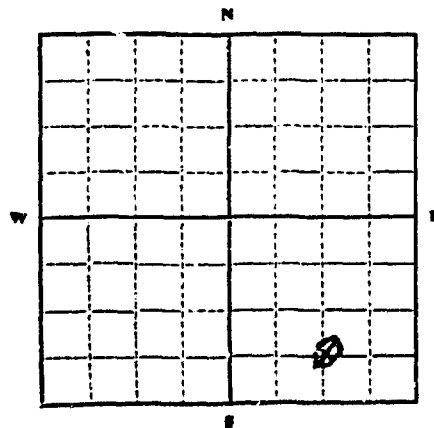
County Custer

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

*Alvin S. Farnum* of *R. F. D. No. 1 Box 145, Miles City*  
(Name of Appropriator) (Address) (Town)  
County of *Custer* State of *MONTANA*  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 7 T. 8 R. 49E

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

2. The beneficial use on which the claim is based. *STOCK WATER*

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. *June 1, 1946 Continuous*

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. *Windmill, pumpjack w/ engine*

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. *Drilled 6/1/1946*

8. The depth of water table. *230 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. *28 1/2 ft of 4" casing*

10. The estimated amount of groundwater withdrawn each year. *185,000 gal per yr.*

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.

Signature of Owner *Alvin S. Farnum*

Date *Dec 31, 1965*

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.

40650

18823

**FILED**

At 2:20 Clock P.M.

Jan 4 1966

N.E. Anderson

County Clerk and Ex-Officio Recorder of  
Custer County, Montana

Ruth Kask  
Deputy

File No. ....

T. 8N R. 49E

DUPLICATE

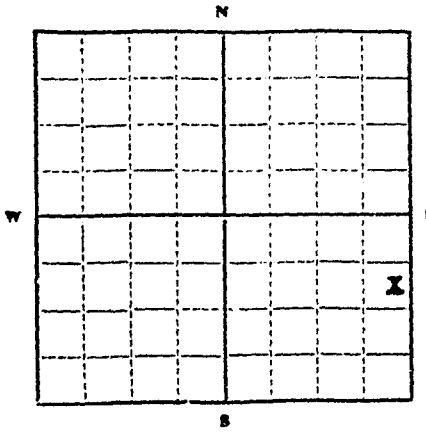
County Custer

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC

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

1. Muggli Bros Inc. of RFD #1 Miles City, M  
(Name of Appropriator) (Address) (Town)  
County of Custer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



~~1/4~~ Sec. 22 T. 8N R. 49E

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 livestock use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1959 and continuous since
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 gallons per minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof none
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal windmill and pump

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1959 and continuous since
- 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 hardwater well 35 feet of 4" casing
- 10. The estimated amount of groundwater withdrawn each year 500,000 gallons
- 11. The log of formations encountered in the drilling of each well if available none
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

MUGGLI BROS INC.  
Signature of Owner Don Muggli  
President.  
Date December 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.

1064

FILED

At 9:36 O'Clock A.M.

of Dec 30 1963

*N. C. Anderson*

County Clerk and Ex-Officio Recorder

Custer County, Montana

*Red Rock*

JW 3

File No. ....

DUPLICATE

RECEIVED  
FEB 11 1964

Approved Stock Form State Publishing Co., Helena, Montana 42199

T. SN R. 49E

County Custer

STATE ENGINEER RECEIVED  
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  
DEC

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater December 28, 1963

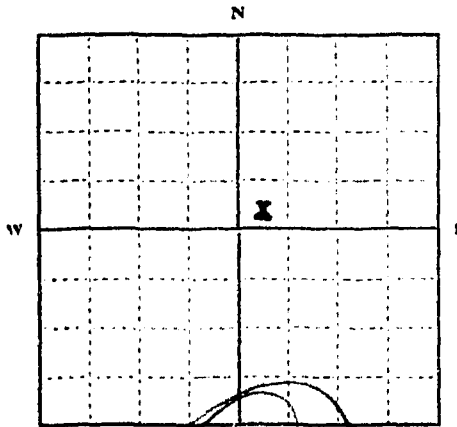
Owner Muggli Bros. Inc. Address Miles City, Montana

Contractor (if any) NONE

Address of Contractor NONE

Date Started 1915 Date Completed 1915

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



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

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

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

estimate approximate lengths of periods of use. Livestock and

domestic use, continuous use through gravity flow of 1 1/2" pipe

Section number 7

Signature of Owner By MUGGLI BROS. INC.  
Alan Muggli  
President

Date December 28, 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.



11063

FILED

At 9:55 O'Clock A.M.

of Dec 30 1963

*E. Anderson*

County Clerk and Ex-Officio Recorder of

Blaine County, Montana

*Ruth Root*

Deputy



File No. ....

T. 8 N. R. 50 E

DUPLICATE

County Custer

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

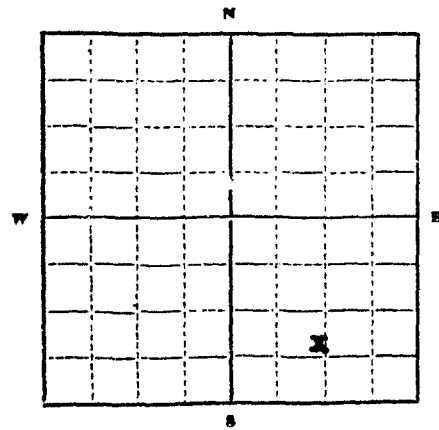
RECEIVED  
DEC

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. NORMAN H. WILLSON of Powderville Stage, Miles City  
(Name of Appropriator) (Address) (Town)  
County of Custer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec. 2 T. 8 N R. 50 E

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 garden
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1936 continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 5 gallons per minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... Gasoline pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... 1936 This is dug well
- 8. The depth of water table... 32'
- 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... Dug well, 2 1/2' in diameter, 32 feet deep
- 10. The estimated amount of groundwater withdrawn each year... 1/2 acre feet
- 11. The log of formations encountered in the drilling of each well if available... none available sand stone formation
- 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.....

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.

14004

11058

**F I L E D**

At 9:30 O'Clock A.M.

Dec 30 1963

*[Signature]*

County Clerk and Ex-Officio Recorder of

Cook County, Indiana

*[Signature]*

DEPT

File No. ....

T. ... R. ...

DUPLICATE

County. ....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964

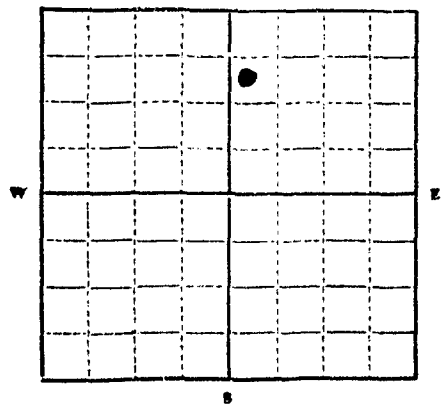
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Casper Paper of Powderville Stage, Miles City  
(Name of Appropriator) (Address) (Town)

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



NE 1/4 Sec. 5 T. 8 R. 50 East

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

2. The beneficial use on which the claim is based Stock Water Well

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1961, when needed for Stock Water.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) The water flowed in faster than could be measured with bail.

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 irrig.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump jack with gas motor. Section 5-8-50 E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Completed in June 1961.

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 8", size of Casings 6"

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 0-20 Gumbo, 20-25 Sand, 25-40 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 Casper Paper  
Date Dec 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.

16965

112511

FILED

At 12:11 O'clock P.M.  
Dec 31 1963

*[Signature]*  
County Clerk and Ex-Officio Recorder  
Guster County, Montana

*[Signature]*  
County Clerk

GW2

File No. ....

T. 50 N. R. 50E

DUPLICATE

County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
20

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

(Under Chapter 237, Montana Session Laws, 1961)

Owner Bureau Bonine Address .....

Driller Floyd Higgins Address Miles City

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

Date well started..... Date Completed.....

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

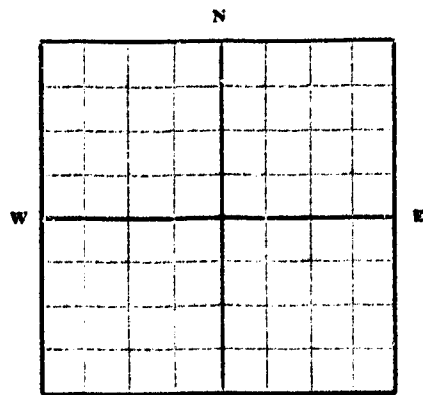
Water Use: Domestic  Municipal  Stock  Irrigation   
Industrial  Drainage  Other

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

Top of Ground  
sand & gravel  
(Elev. above sea level.....)

0  
25  
43 clay  
47 coal  
100 clay  
102 rock  
125 clay  
127 rock  
225 clay  
230 sand  
305 shale  
308 rock  
365 shale  
370 rock  
485 shale  
485 rock  
495 shale  
590 sand (WATER)  
645

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
5 7/8	4" ID 11 LB.	0	645	3/8 Holes	580	645



5W 1/4 Sec 7 T4N R50E

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 400 feet.

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

Pumping Water Level 440 feet at 5 gal. per minute.

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

How Tested PUMP Length of Test 72 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) .....

12  
Driller's License Number

Floyd Higgins  
Driller's Signature

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

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

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

4713

**FILED**

At 2:10 O'Clock P.M.

June 7 1962

H E Anderson

County Clerk and Ex-Officio Recorder

Custer County, Montana

Ruth Root  
Deputy

RECORDED

11 PM  
1962  
JUN 7 1962  
1962



File No. ....

T. R. ...

DUPLICATE

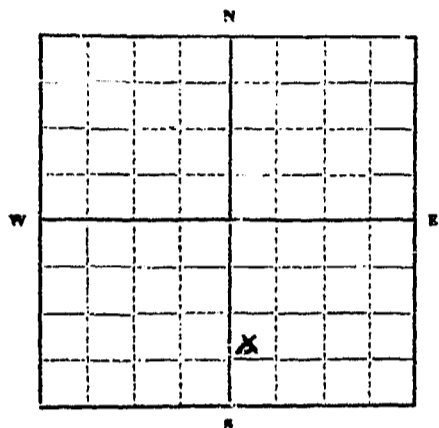
County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 2 1964

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

1. Bonine Ranch of Box 513 Millers City  
(Name of Appropriator) (Address) (Town)  
County of Custer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S. 44. S. E. Sec. 7. T. 2N. R. 50. E  
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 stockwater and house water
- Date or approximate date of earliest beneficial use; and how continuous the use has been January 1, 1960; constant and continual use
- The amount of groundwater claimed (in miner's inches or gallons per minute) Fifty (50) gallons 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 Not applicable
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal See 9 below
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Not known
- The depth of water table several aquifers were encountered during drilling
- 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 A drilled, four (4) inch, cased well subject in depth and is powered with a one (1) horse power submersible electric pump. The water being lifted 410 feet to the surface.
- The estimated amount of groundwater withdrawn each year 546,500 gallons per year
- 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 Bonine Ranch  
Richard Bonine  
Date 1/27/63

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

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

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

16999

11314

**FILED**

At 1:03 O'Clock P  
Dec 31 1963

*A. G. Anderson*  
County Clerk and Ex. Sec. of Court

Cust. Sec. of Court  
*Keith Ross*

File No. ....

T. 8 S. R. 50

DUPLICATE

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

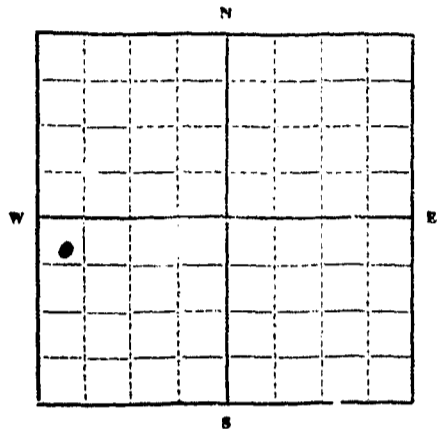
RECEIVED  
JAN 2 1964

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Barker Hayes of Powderville Stage, Miles City  
(Name of Appropriator) (Address) (Town)  
County of Custer State of Montana

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



SW 1/4 Sec. 8 T. 8 R. 50 East

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... Stock Water and House.
- Date or approximate date of earliest beneficial use; and how continuous the use has been... Continuous use since about 1918
- The amount of groundwater claimed (in miner's inches or gallons per minute)... Not known as it is a dug well.
- 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 irrig.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... Electric Pressure System on Section 8-9-50 E.
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... Apr. 1918
- The depth of water table... About 26 Feet.
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater...
- The estimated amount of groundwater withdrawn each year... Not known
- The log of formations encountered in the drilling of each well if available... Hand dug 15 Feet of Top Soil and Clay and the rest Gravel.
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record...

Signature of Owner Barker Hayes  
Date Dec 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.

16966

11281

**FILED**

At 12:17 O'Clock P<sup>M</sup>

Dec 31 1963

W. Anderson

County Clerk and Chief Recorder of  
Custer County, Montana

W. Anderson

File No. ....

T. R. 60

DUPLICATE

County. ....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

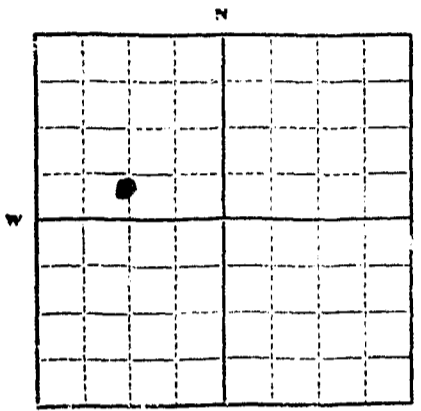
RECEIVED  
JAN 2 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Casper Myles of Powderville Stage, Miles City  
(Name of Appropriator) (Address) (Town)  
County of Custer State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 18 T. 8 R. 50 East

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. Stock Water Well
- Date or approximate date of earliest beneficial use; and how continuous the use has been. Nov. 1960 and on continuously when needed
- The amount of groundwater claimed (in miner's inches or gallons per minute). 5 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. Not for irrg.
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Windmill on Sec. 18 -- 18-8-60 E.
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Nov. 4, 1960 Completely
- The depth of water table. 110 Feet
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Size of hole 5/8" Size of Casings 4"
- The estimated amount of groundwater withdrawn each year. Not known.
- The log of formations encountered in the drilling of each well if available. 0-15 Feet Sand, 15-25 Gravel, 25-40 Clay, 40-43 Rock, 43-62 Clay, 62-75 Coal, 75-85 Clay, 85-88 Coal, 88-95 Shale, 95-100 Rock, 100-158 Shale, 158-175 Sand, 175-250 Clay, 250-280 Sand.
- 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 Casper Myles  
Date Dec 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.

16964

11279

**FILED**

At 12:10 O'Clock P.M.

Dec 31 1963

*J. C. Anderson*

County Clerk and Ex-Officio Recorder

County of Montana

*Wanda ...* Deputy

24

File No.....

T. 8 N. R. 50 E.

DUPLICATE

County Guster

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 27 1963

STATE ENGINEER

### Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....1934.....

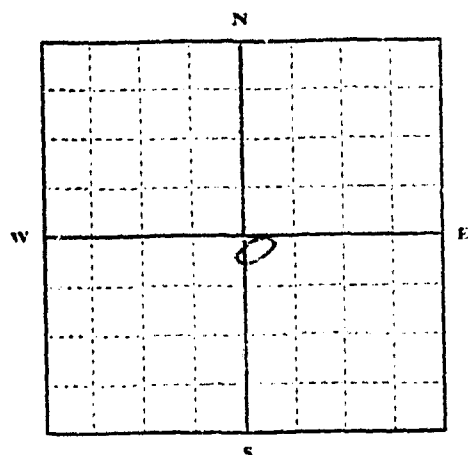
Owner.....Merrill J. & Winnifred Babcock.....  
Address.....Locate, Montana.....

Contractor (if any) .....None.....

Address of Contractor .....

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

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



..SE 1/4..... Sec. 24... T8N... R. 50E

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

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

estimate approximate lengths of periods of use.....

.....Stock water, irrigation and personal house use.....

Signature of Owner.....Merrill J. & Winnifred Babcock  
By: [Signature].....

Date.....December 23, 1963.....

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

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

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

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

13099

10877

**F I L E**

At 11:45 O'Clock A M

Dec 23 1963

J. E. Anderson

County Clerk and Ex-Officio Recorder

Custer County, Montana





File No. ....

T. 8N R. 51E

**DUPLICATE**

County Custer

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

**RECEIVED**  
DEC 16 1963

STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1908.

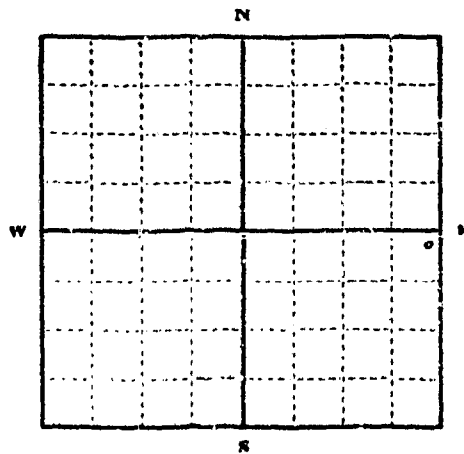
Owner Nor. Pac. Ry. Co. Address St. Paul, Minn.

Contractor (if any) .....

Address of Contractor .....

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring, used since 1908.



**NE 1/4** Sec. 1 T. 8N R. 51E  
Indicate point of appropriation and place of use, if possible.

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

estimate approximate lengths of periods of use. Spring flows 1/2 gallon per minute, measured over a period of time. Water flows directly into tank from hillside.

Signature of Owner Northern Pacific Railway Company  
By [Signature]  
Dist. Supervisor, Graz. & Cult.  
Date.....

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.

914

10669  
10669

**FILED**

At 7:10 O'Clock P.  
Dec 17 1963

*J. E. Anderson*  
County Clerk and Ex-Officio Recorder  
Custer County Montana

T. 8 R. 51 E  
County CUSTER

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

WATER WELL LOG


Owner Andrew Giegard Address Locata, Mont.  
Driller George Askin Address Missou City, Mont.  
Date Started..... Date Completed.....  
Location: Sec. 10 T. .... R. .... ¼ sec. SR

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

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

Casing:.....ft. to.....ft. Type Galvanized Size 2"  
Casing:.....ft. to.....ft. Type..... Size.....  
Casing:.....ft. to.....ft. Type..... Size.....

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

Type of screen or perforations.....

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

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

Pumping water level.....feet at 360 gal. per min. 20

How tested:.....

Length of test.....

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

(over)