

File No. ....

T 17 R 1E

DUPLICATE

County Cascade

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

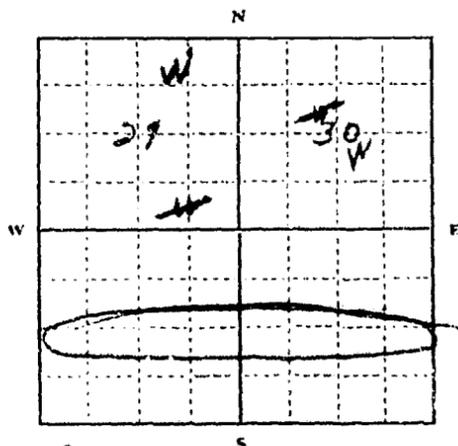
RECEIVED  
JAN 3 1962

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961) STATE ENGINEER

1. Franklin C Vanatta Jr. of Cascade Mont  
(Name of Appropriator) (Address) (Town)

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



NE  
NW  
SE 29, T. 17 R. 1E  
SE 30, T. 17 R. 1E  
indicate point of appropriation  
and place of use, if possible. Each  
small square represents 40 acres.

- 2. The beneficial use on which the claim is based.....  
stock water
- 3. Date or approximate date of earliest beneficial use; and how continu-  
ous the use has been. in Sec. 30 - 1936  
in Sec. 29 - 1960 intermittent
- 4. The amount of groundwater claimed (in miner's inches or gallons  
per minute) in Sec. 30 - 10 g.p.m.  
in Sec. 29 - 7 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
- 6. The means of withdrawing such water from the ground and the loca-  
tion of each well or other means of withdrawal pump

7. The date of commencement and completion of the construction of the well, wells, or other works for with-  
drawal of groundwater 1936  
1960

8. The depth of water table 30' in Sec 30 35' in Sec 29

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  
in Sec 30 - drilled 4" 30'  
in Sec 29 - dug 3' 35'

10. The estimated amount of groundwater withdrawn each year. 300,000 gal in Sec 30  
200,000 gal in Sec 29

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 Franklin C Vanatta Jr.  
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.

28448

4461

STATE OF MONTANA, ) ss.  
County of Cascade )

I hereby certify that the within in-  
strument was filed in this office on  
**DEC 31 1963**

at 1:28 o'clock P M

**J. L. LENNON**  
County Clerk and Recorder.

By JL ~~Deputy~~

File No. \_\_\_\_\_  
STATE WATER CONSERVATION BOARD

T. \_\_\_\_\_ R. \_\_\_\_\_

DUPLICATE JAN 2 1966

County \_\_\_\_\_

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 1949

Owner Thomas W. Griffes Address CASCADE MONT.

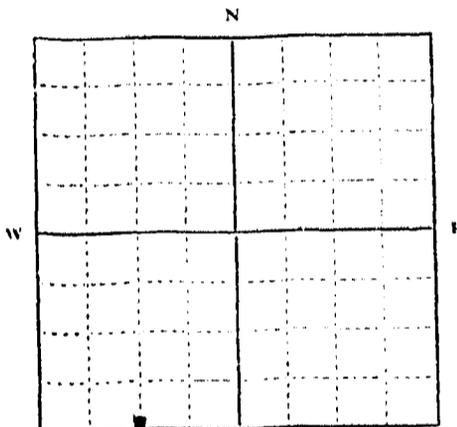
Contractor (if any) Self

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

Date Started 1962 Feb. Date Completed 1962 March

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

Spring Cased and Pumped to House for Domestic water



S 1/2 Sec. 29 T. 17 R. 1E

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.

Estimated amount used 500 to 2500 gal. Per Day depending on season in summer used for yard & garden water

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

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.

40287

4923

STATE OF MONTANA, } ss.  
County of Cascade.

I hereby certify that the within in-  
strument was filed in this office on

DEC 30 1965

Date

at 2:11 o'clock P.M.

**J. L. LENNON**

County Clerk and Recorder.

by R. B. Hume  
Deputy.

File No. ....

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

DUPLICATE

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner BAR B. RANCH CO. Address CASCADE, MONTANA  
Driller KENNETH DON CREVELING Address CASCADE, MONTANA

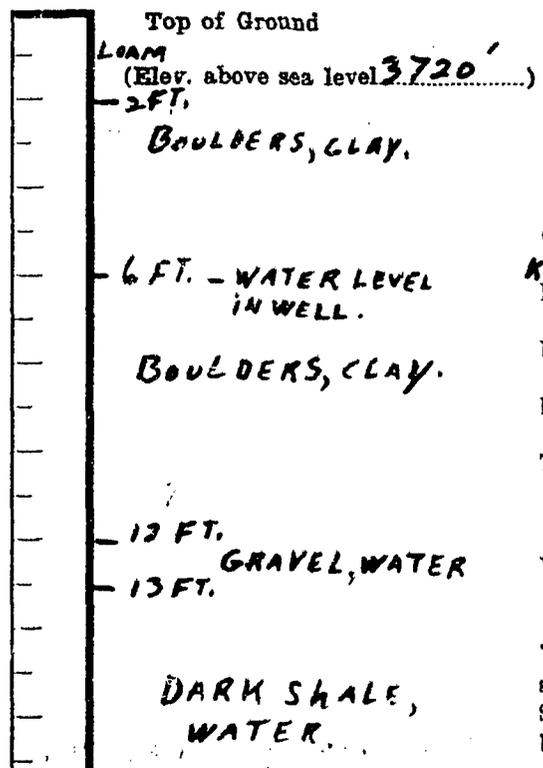
Date of Notice of Appropriation of Groundwater NONE

Date well started 12/5/62 Date Completed 12/15/62

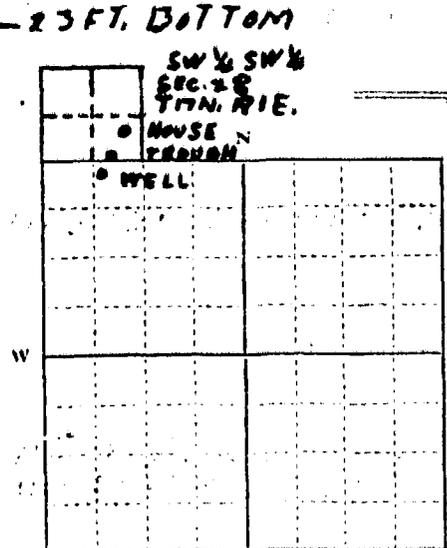
Type of well MANUAL DUG Equipment Used BACKHOE  
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

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)
12 FT.	5 FT. CONCRETE 1296 PER FT.	0	13	3 INCH HOLES	9	10
	10 INCH I.D. 42 LB. PER FT.	2.5	29	SLOTS 1 FT. X 1/4 INCH.	12	22



SW 1/4 SW 1/4 Sec. 33. T17N. R1E.  
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 6 feet.

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

Pumping Water Level 10 feet at 18 gal. per minute.

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

How Tested PISTON PUMP Length of Test 12 HR.

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) GRAVEL PACKED...

WATER USED AT TROUGH 280 FT. NORTH-EAST OF WELL AND AT HOUSE 650 FEET NORTH-EAST OF WELL AND SURROUNDING YARD AND BUNKHOUSE AND 3 TRAILER-HOUSES.

UNLICENSED  
Driller's License Number

Kenneth Don Creveling  
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.

37159

4693

81  
01

RECORDED  
INDEXED  
JAN 10 1964  
COUNTY CLERK

STATE OF MONTANA, } ss.  
County of Cascade.

I hereby certify that the within instrument was filed in this office on

JAN 10 1964

Date

at 1:40 o'clock PM

**J. L. LENNON**

County Clerk and Recorder

By A. C. [Signature]

Deputy.

RECORDED  
INDEXED  
JAN 10 1964  
COUNTY CLERK

37

File No. ....

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

DUPLICATE

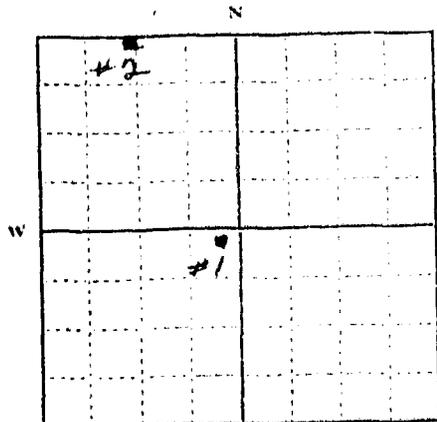
County. ....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Law, 1961)

Date of Appropriation of Groundwater 1949  
Owner Thomas W. Grimes Address CASCADE MONT  
Contractor (if any) SELF  
Address of Contractor .....  
Date Started 1952 1962 Date Completed 1952-1963



NW 1/4 + NE 1/4 SW 1/4  
..... 1/4 Sec. 32 T. 17 R. 1E  
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.  
#1 spring developed and piped to tank by  
Gravity  
#2 spring developed and piped to stock  
tank by gravity

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.....  
#1 spring 9 gal per Min. determined by tests to  
fill tank  
#2 spring 300 gal per Hour determined  
by tests to fill tank

Signature of Owner.....

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.

286

4922

STATE OF MONTANA, } ss.  
County of Cascade.

I hereby certify that the within instrument was filed in this office on  
**DEC 30 1965**

Date

at 2:40 o'clock P. M.

**J. L. LENNON**

County Clerk and Recorder.

By

A. B. Hill

Deputy.

File No. ....

T. R. ....

DUPLICATE

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

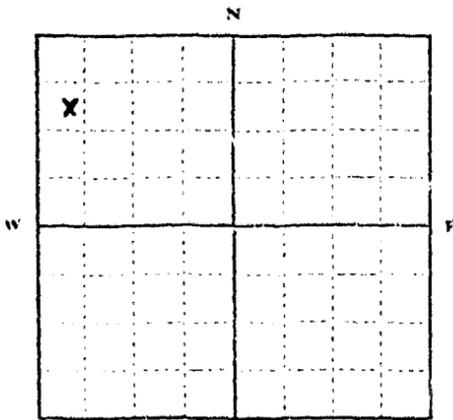


Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. BAR B. RANCH CO. of CASCADE  
(Name of Appropriator) (Address) (Town)

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



WELL LOCATION  
Mo. 1/4 Sec 33, T17N, R1E.

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.....CATTLE AND HORSES.....

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....SEPTEMBER, 1951 AND CONTINUOUS USE SINCE THAT TIME USE IS INTERMITTENT AS NEEDED......

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....10.6 GAL. PER MIN......

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....ELECTRIC CENTRIFUGAL PUMP ON 6" 1.2" WELL LOCATED ON MAP AT LEFT......

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....WELL COMPLETED JUNE 21, 1951.....

8. The depth of water table.....22 FEET.....

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....32 FEET DEEP, 6 INCH INSIDE DIAMETER CASING, DRILLED WELL......

10. The estimated amount of groundwater withdrawn each year.....200,000 gal......

11. The log of formations encountered in the drilling of each well if available.....0'-3' LOAM, 0'-10' YELLOW SHALE AND BOULDERS, 12'-22' DARK SHALE, WATER, 22'-30' GRAVEL, 24'-32' BENIDONITE, WATER, 30 GAL. PER MIN. AND FILLED TO WITHIN 1 FT. OF TOP OF GROUND......

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.....

BAR B. RANCH CO.  
Signature of Owner Matt A. Armstrong  
Date 12/19/63 PRES

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.

3653

STATE OF MONTANA, } ss.  
County of Cascade.

I hereby certify that the within in-  
strument was filed in this office on

DEC 20 1963

Day

at 4:30 o'clock P.M.

J. E. LENNON

County Clerk and Recorder

By *J. J. Johnson*  
Deputy.

File No. ....

Town or Range .....

DUPLICATE

County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 27 1963

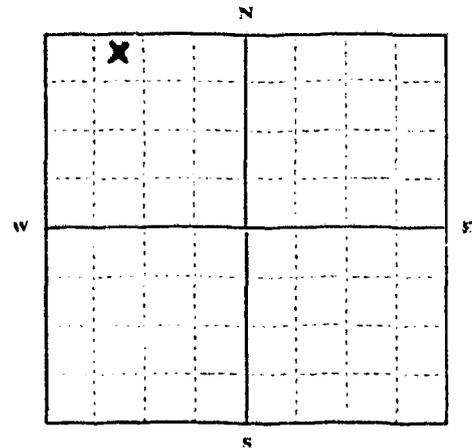
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. BAR D. RANCH CO. of CASCADE  
(Name of Appropriator) (Address) (Town)

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



NW 1/4 Sec. 33 T17N R1E

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 CATTLE AND HORSES

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1940 CONTINUOUS SINCE

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 G. 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 NO IRRIGATION

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ELECTRIC MOTOR OPERATED PUMP JACK ON WELL LOCATED AS DESCRIBED ON MAP AT LEFT

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 15 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater DRILLED WELL, 5 INCH DIAM CASING APPROX 60 FT. DEEP

10. The estimated amount of groundwater withdrawn each year 240,000 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

BAR D. RANCH CO.  
Signature of owner Math d. Boring  
Date 12/19/63

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.

11982

3655

STATE OF MONTANA, } ss.  
County of Cascade.

I hereby certify that the within in-  
strument was filed in this office on  
**DEC 20 1968**

at 4:32 o'clock P.M.

**J. L. LENNON**  
County Clerk and Recorder.

By J. L. Lennon  
Deputy.



GW -

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No. ....

T. 17 R. 2E

DUPLICATE

County Cascade

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

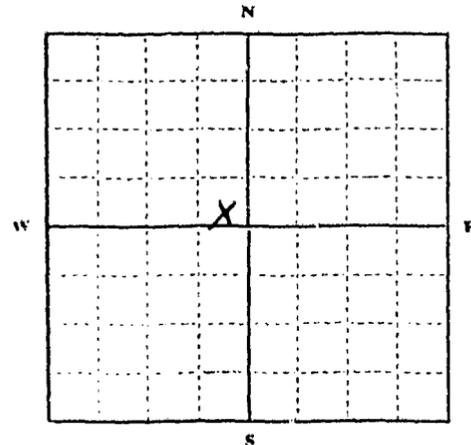
RECEIVED  
JAN 9 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Orr School, District No. 84 of Milleran Route, Great Falls  
(Name of Appropriator) (Address) (Town)  
County of Cascade State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NW Sec. 1 T. 17 R. 2E

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 Water for Orr School and premises - Smith River Community Hall
- Date or approximate date of earliest beneficial use; and how continuous the use has been.  
Well No. 1 - 1915 Continues school usage  
Well No. 2 - 1954 Continues school usage
- The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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.  
Irrigation of approximately 2 acres surrounding Orr School & Smith River Community Hall
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Well No 1 - piston type-hand pump - Well No. 2 - Automatic Pressure water system
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well No. 1 - 1915  
Well No. 2 - 1954
- The depth of water table. Well No. 1 12ft. Well No. 2 - 20ft.
- 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 No. 1. Approximately 20ft. deep 3 1/4 piston type pump  
Well No. 2 Approximately 50ft deep - 1/2 hp electric pressure system
- The estimated amount of groundwater withdrawn each year. Well No. 1 - 5,000 gallons  
Well No. 2 - 50,000 gallons
- The log of formations encountered in the drilling of each well if available. Log probably recorded in Helena
- 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 known

Chairman of board of trustees of School District No. 84

Signature of Owner Frank C. Murphy

Date Dec 27 1963

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

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

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

28122

4134

SEARCHED \_\_\_\_\_  
SERIALIZED \_\_\_\_\_  
INDEXED \_\_\_\_\_  
FILED \_\_\_\_\_  
APR 21 1961  
BY ACD  
FBI

File No. ....

T. 17 R. 2

DUPLICATE

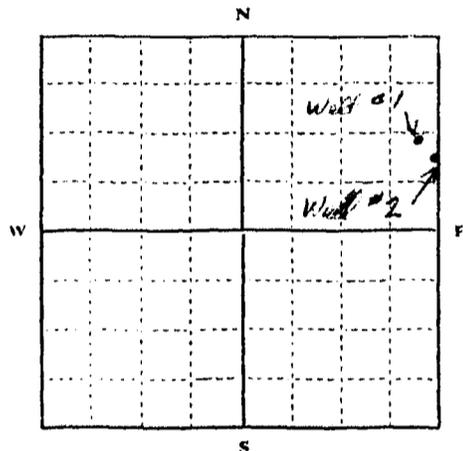
County .....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
DEC 17 1963

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

1. Frank E and Louise R. Murphy of Millegan Route Great Falls  
(Name of Appropriator) (Address) (Town)  
County of Cascade State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NE Sec. 1 T. 17 N. R. 2 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 Well #1 and #2 for domestic household use - yard and garden irrigation
- Date or approximate date of earliest beneficial use; and how continuous the use has been prior to 1930 continuous usage
- The amount of groundwater claimed (in miner's inches or gallons per minute) Well #1 - 50 gal per minute  
Well #2 - 100 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 for yards and gardens around houses
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal gravity pressure well systems
- The date of commencement, and completion of the construction of the well, wells, or other works for withdrawal of groundwater prior to 1930 - Date not known
- The depth of water table Well #1 - 20 ft Well #2 - 30 ft
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well #1 - Hand dug - cased with rock - 30 feet deep  
Well #2 - Hand dug - cased with 3/4" ceramic tile 50 feet deep
- The estimated amount of groundwater withdrawn each year Well #1 - 1,100,000 gallons  
Well #2 - 5,000,000 gallons
- The log of formations encountered in the drilling of each well if available none 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 available

Signature of Owner Frank E Murphy  
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.

28120

4132

DEC 11 1988

2:29 P

Richard

File No.....

T...17N...R...2E

DUPLICATE

County Cascade

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 9 1964

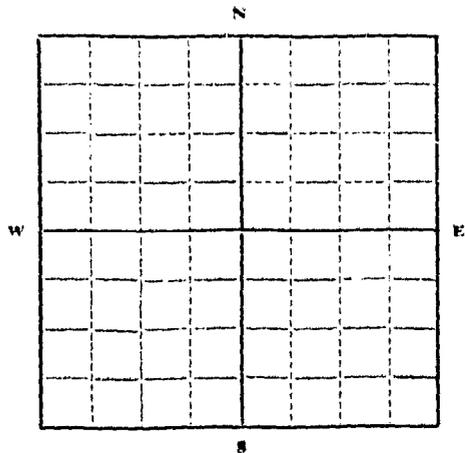
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. William H. and or Rosella Brattain, of 323, 2nd St. So. Cascade, Montana  
(Name of Appropriator) (Address) (Town)

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



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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) when drilled, estimated at 90 gals. per minute

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

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

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

8. The depth of water table Do not know

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 The well is 125 feet deep

10. The estimated amount of groundwater withdrawn each year Do not know

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 Rosella Brattain

Date December 30, 1963

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

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

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

28272

4284

CLERK AND RECORDER  
CALCATE COUNTY, MONTANA  
I HEREBY CERTIFY THAT THE WITHIN  
INSTRUMENT WAS FILED FOR RECORD  
IN THE OFFICE OF

10:37 A.M.  
AND CORRECTLY RECORDED AS BEING

L. J. EMMSON  
Clerk and Recorder  
*L. J. Emmson*

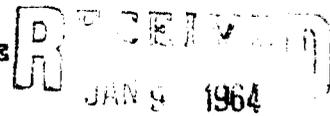
File No. ....

1711 ED

DUPLICATE

County Cascade

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 March 1927

Owner William H. Brattain (and or) Rosello Brattain Address Cascade, 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 Spring

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

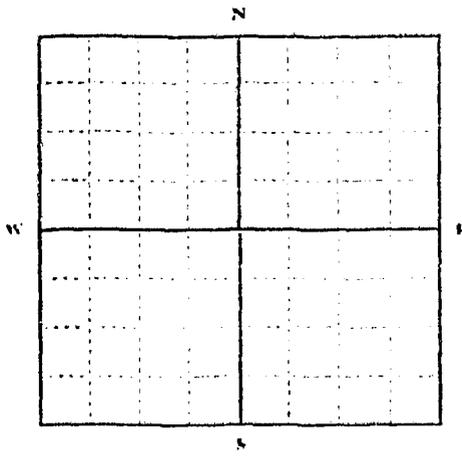
estimate approximate lengths of periods of use.....

Domestic and stock

Wm H Brattain

Signature of Owner Rosello Brattain

Date December 30 1963



..... 1/4 Sec..... T..... R.....  
NE 02 SW 1/ point of appropriation  
and place of use, if possible. 1711-27

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.

28269

4281  
~~4289~~

CLERK AND RECORDER  
CASCADE COUNTY, MONTANA  
I HEREBY CERTIFY THAT THE WITHIN  
INSTRUMENT WAS FILED FOR RECORD  
IN THIS OFFICE ON

DEC 31 1963

AT 10:24 P.M.  
AND DULY RECORDED AS DOCUMENT

NO. \_\_\_\_\_  
J. L. LENNON  
CLERK AND RECORDER

BY *[Signature]*  
DEPUTY

File No. ....

T. 17 R. 2E

DUPLICATE

County. Cascade

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 9 1964  
STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater... March 1987 (19270)

Owner William H. Brattain and or  
Roselle Brattain Address Cascade, Mont

Contractor (if any) ..... None

Address of Contractor .....

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

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

Natural Spring

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.....

Used the year around for

stock water

Signature of Owner. Roselle Brattain

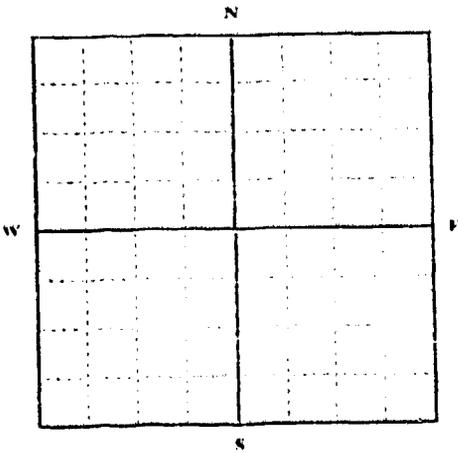
Date. December 30 1963

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.



SW of SE 1/4 Sec. 2 T. 17N R. 2E  
Indicate point of appropriation  
and place of use, if possible.

28268

RECEIVED  
MAY 15 1963  
CLERK AND RECORDER

RECEIVED

None  
ROBERTA BRADSHAW  
WILLIAM H. BRADSHAW and or  
Cassida, Nevada  
WYOMING (1963)

4280  
~~4288~~

050000  
M I M

CLERK AND RECORDER  
CASCADE COUNTY, MONTANA  
I HEREBY CERTIFY THAT THE WITHIN  
INSTRUMENT WAS FILED FOR RECORD  
IN THIS OFFICE ON 10:25 9 1963

AT 10:25 9 M  
AND FULLY RECORDED AS DOCUMENT

NO. \_\_\_\_\_  
J. L. LENNON  
CLERK AND RECORDER  
BY [Signature]  
DEPUTY

File No. ....

T. 17 R. 25 N.

DUPLICATE

County: CASCADE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 5 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater: March 1927

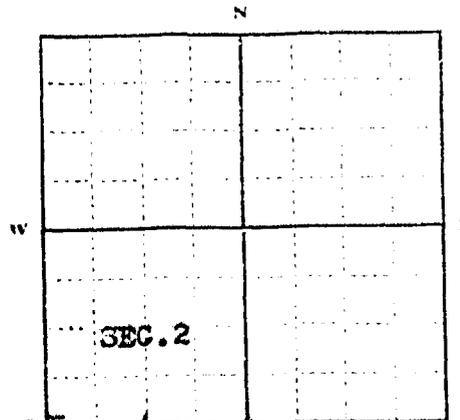
Owner: WILLIAM H. BRATTAIN (and, or) ROSELLA BRATTAIN Address: Cascade, Montana

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 Spring



*on edge of sec 2 almost*

S. of SW 1/4 Sec. 2 T. 17 N. R. 25 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.....

Used the year ground for stock water

Signature of Owner: *Wm H Brattain*

Signature of Owner: *Rosella Brattain*

Date: December 30 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.

28271

4283

CLERK AND RECORDER  
CASCADE COUNTY, MONTANA  
I HEREBY CERTIFY THAT THE WITHIN  
INSTRUMENT WAS FILED FOR RECORD  
IN THIS OFFICE ON

AT 10:26 AM  
AND DULY RECORDED AS DOCUMENT

NO. \_\_\_\_\_

J. L. LENNON  
CLERK AND RECORDER  
BY [Signature]  
DEPUTY

File No. ....

T. **17 N.** R. **2 E.**

**DUPLICATE**

County **Cascade**

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
NOV 22 1963

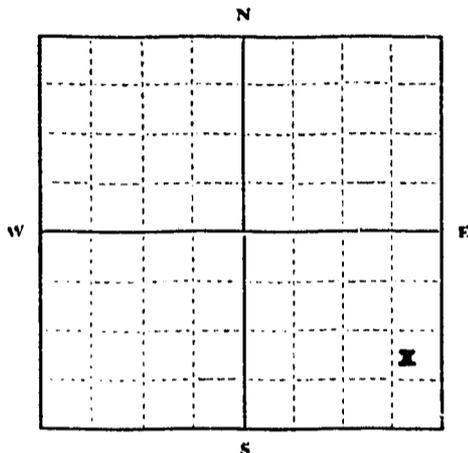
**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. **Northern Pacific Railway Company**, of **St. Paul**  
(Name of Appropriator) (Address) (Town)

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



**SE 1/4 SE Sec. 3 T. 17 N R. 2 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 **stock-water**

3. Date or approximate date of earliest beneficial use; and how continuous the use has been **continuous (all year)**

4. The amount of groundwater claimed (in miner's inches or gallons per minute) **one (1) miner's inch**

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 **spring**

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

8. The depth of water table **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 **developed spring**

10. The estimated amount of groundwater withdrawn each year **one miner's inch per minute**

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

**Northern Pacific Rwy. Co.**

Signature of Owner **By [Signature]**

Date **November 18, 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.

1212

#34,30

STATE OF MONTANA, } ss.  
County of Cascade.

I hereby certify that the within in-  
strument was filed in this office on  
NOV 20 1963

Date  
at 9:22 o'clock 9 M.

**J. L. LENNEN**  
County Clerk and Recorder.

By B. G. [Signature]  
Deputy.

File No. ....

T. 17 R. 2E

DUPLICATE

County.....

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 9 1964

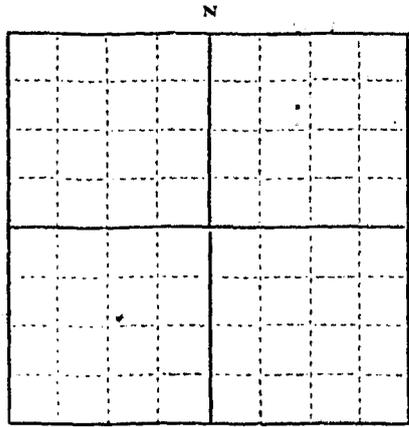
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Geo. W. Murphy - (C. C. Murphy) of Cascade  
(Name of Appropriator) (Address) (Town)

County of Cascade State of Montana

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



1/4 Sec. 4-5 T. 17 R. 2 E

Indicate point of appropriation and place of use, if possible. Each small square represents ~~10 acres~~ 40 acres

2. The beneficial use on which the claim is based  
Stock water, Irrigation, Household use

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
No. 1-2000 gal. per minute  
No. 2-2000 gal. per min. No. 3-3000 gal per min.  
No. 4-3000 gal per min.

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
prior to 1910

8. The depth of water table No. 1-17ft. No. 2-6ft. No. 3-20ft. No. 4-10ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
No. 1-55ft.-five in. casing  
No. 2-thirty ft.-aug well No. 3-60ft.-six in. casing  
No. 4-fifty ft.-6in. casing

10. The estimated amount of groundwater withdrawn each year 15,000,000 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  
none known

Signature of Owner C. C. Murphy

Date Dec. 29, 1963

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

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

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

28121

4133

8130 P

AC. Hilda

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42262

File No. ....

T. 12 R. 2

DUPLICATE

County

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 9 1964

STATE ENGINEER

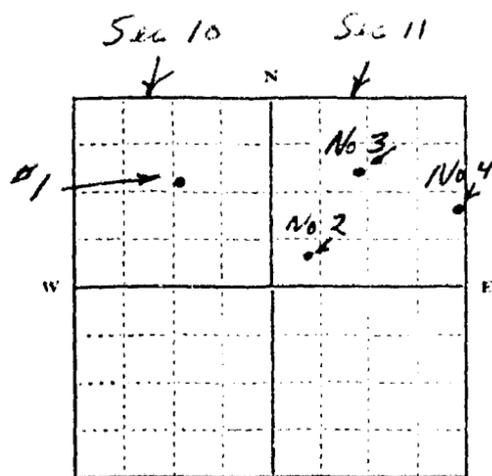
Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater *1947* *Purchased*  
Owner *Frank E. & Louise R. Milligan* *Route*  
Address *Murphy* *Great Falls, Mont*  
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. *All natural flowing springs*



*10-11 T. 12 R. 2 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.....

*#1 - 4 gal per min*  
*#2 - 1/2 g.p.m. - #3 - 1 g.p.m.*  
*#4 3/4 g.p.m. - Measured flow*  
*for 1 min - Stockwater 5 to 6 months*  
*per year*

Signature of Owner *Frank E. Murphy*

Date *12/30/63*

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.

4131

CLERK OF THE COURT  
U.S. DISTRICT COURT  
SOUTHERN DISTRICT OF NEW YORK

FILED  
RECORDED  
INDEXED

APR 21 1978

P

*A. J. Nichols*

File No. ....

T. 17 R. 2E

DUPLICATE

County Cascade

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Well No. 3 is in T. 17 R. 1E

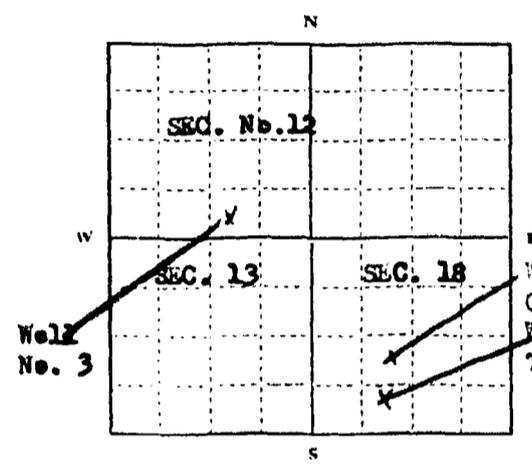
JAN 5 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Grant Anderson of Cascade (Name of Appropriator) (Address) (Town)

County of Cascade 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 Livestock use  
Household use - irrigation
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Wells One and Three were dug in 1933 have been used continuously. Well No. 2 was drilled in 1957 and has been used continuously.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Well No. 1 3 gal. per minute. Well No. 2 5 gal. per minute. Well no. 3 3 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 Wells no. 1 and 2 irrigate lawn and gardens. Well No. 3 is for livestock.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Wells 1 and 2 have electric impeller pumps. Well no 3 has piston-type pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Wells No. 1 and 3 were completed in 1933. Well No. 2 was completed in 1957.

8. The depth of water table. Well no. 1 is 12 feet. Well no. 2 is 40 ft. Well no. 3 is 20ft.

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 no. 1 is 4 ft. in dia. and 12 feet deep. Well No. 2 is 60 ft. deep and is 6 in. dia. Well No. 3 is 4 ft. dia. and is 20 ft deep.

10. The estimated amount of groundwater withdrawn each year. Well No. 1 350,000 Gal. Well no.2 500,000 gal. per year. Well NO. 3 100,000 gal. per year.

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 not known

Signature of Owner Grant Anderson

Date December 31, 1963

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

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

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

28486

4499

RECORDED AND INDEXED  
MONTANA  
PROPERTY THAT THE WITHIN  
INSTRUMENT WAS FILED FOR RECORD  
IN THIS OFFICE ON

DEC 31 1988

BY 706  
AND PUBLIC RECORDS

NO. \_\_\_\_\_  
J. J. Johnson

File No. ....

T. 17 R. 2E

DUPLICATE

County Cascade

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 9 1964

STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1949

Owner K. L. Cox Address Helena, Mt. G.F. 115

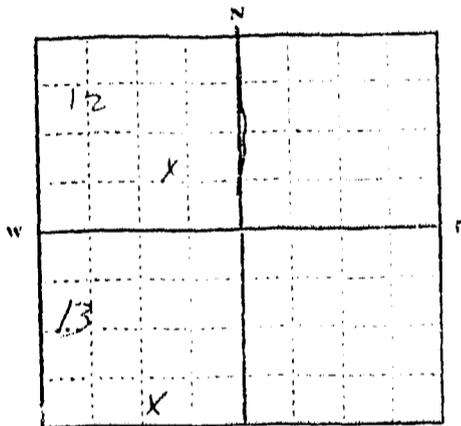
Contractor (if any) .....

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.....

Natural Flow



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.....

10 gpm for livestock

Subirrigation

Sec. 14 Sec. 15 T. 17 R. 2E

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

Signature of Owner [Signature]

Date Dec. 30, 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.

28035

4050

STATE OF MINNESOTA  
County of Cass

Be it remembered that the within in-  
strument was filed in this office on

DEC 30 1899

1:00 o'clock P.M.

J. L. LEBRON

County Clerk and Recorder.

By  Deputy.

File No. ....

T 17 R 26

DUPLICATE

County Cascade

Spring No. 2 is in T 17 R 18

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

*Spring*

**Declaration of Vested Groundwater Rights**

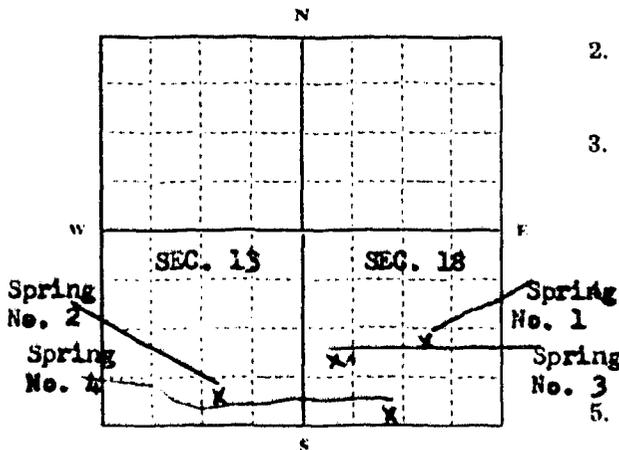
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED  
JAN 9 1964  
STATE ENGINEER

1. Grant Andersen of Cascade  
(Name of Appropriator) (Address) (Town)

County of Cascade 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 Livestock use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1900. These springs have been used continually. These two springs are natural flowing springs. (four)

The amount of groundwater claimed (in miner's inches or gallons per minute) These two springs run from 1 to ten gal. per minute. Measured amount running for one 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. These springs 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. These springs are free flowing.

$\frac{1}{4}$  Sec. T. R.

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

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

8. The depth of water table

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

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

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

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 Grant Andersen

Date Dec. 31, 1963

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

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

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

4498

OFFICE OF THE  
DIRECTOR OF THE  
BUREAU OF LAND MANAGEMENT  
DENVER, COLORADO  
DEC 31 1963

205

J. J. Quinn

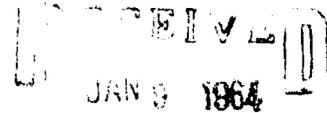
File No.....

17 2 East

DUPLICATE

County Cascade

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 1943

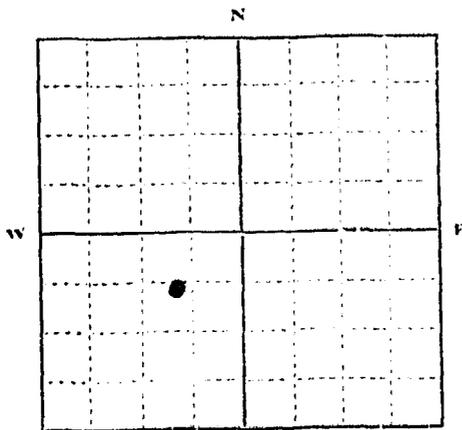
Owner Albert Messner Address Milligan Falls

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. Natural Spring



SW 1/4 Sec 14 T. 17. R. 2E.

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.....

All year

Signature of Owner Albert Messner

Date Dec 31, 1963

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

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

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

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

28378

4388

STATE OF MONTANA, } ss.  
County of Cascade.

I hereby certify that the within in-  
strument was filed in this office on  
DEC 31 1868

at 1213 <sup>Data</sup> o'clock AM

**J. L. LENNON**  
County Clerk and Recorder.

By [Signature]  
Deputy.

File No. ....

T. 17 R. 2 East

DUPLICATE

County Cascade

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 9 1964

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

*also  
Res*

Date of Appropriation of Groundwater 1958

Own Albert Meseros Address Milligan St. 1414

Contractor (if any) .....

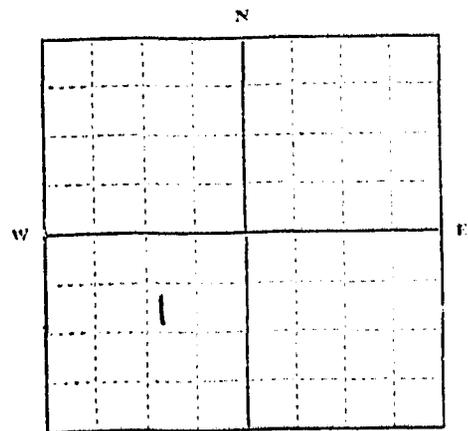
Address of Contractor .....

Date Started Jan 1958 Date Completed Feb. 1958

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

and from runoff  
27 ft. in depth

SW



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.....

SW Sec. 15 T. 17 R. 2E. 50 acre ft.

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

Stock water dam

used 12 mont

Albert Meseros

Signature of Owner.....

Dec 31, 1963  
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.

4386

STATE OF MONTANA, } ss.  
County of Cascade. }

I hereby certify that the within instrument was filed in this office.

DEC 31 1968

at 1211

J. L. I

County

By J. L. I

File No. ....

T. 17 R. 2 E  
County Cascade

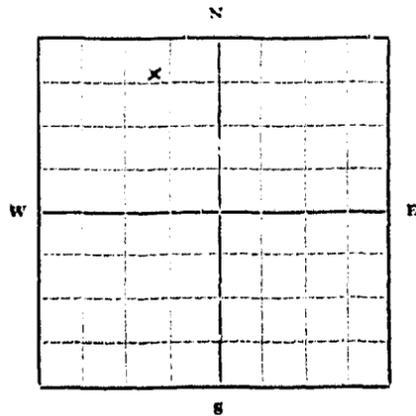
DUPLICATE

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

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

50  
DEC 18 1963  
STATE ENGINEER

1. Sigfus Carlson & Lois P. Carlson of Cascade  
(Name of Appropriator) (Address) (Town)  
County of Cascade State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 17, T. 17, R. 2 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 for  
for stockwater use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Since Oct 1st - 1945

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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 None

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Completed Oct 1st - 1945 July 10 - 1945

8. The depth of water table about 90 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 170 ft

10. The estimated amount of groundwater withdrawn each year 6,000,000 gal

11. The log of formations encountered in the drilling of each well 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 Sigfus Carlson

Date Jan 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.

2809

#3470

STATE OF MONTANA, } ss.  
County of Cascade.

I hereby certify that the within in-  
strument was filed in this office on  
**DEC 10 1963**

at 11:41 o'clock A M.

**J. L. LENNON**  
County Clerk and Recorder.

By J. L. Lennon

File No.....

T. 17 R. 2E

DUPLICATE

County... Cascade

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 9 1964  
STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater... not applicable

Owner... Cecil A. Oden Address... Cascade, Montana

Contractor (if any) ... not applicable

Address of Contractor ... not applicable

Date Started... not applicable Date Completed... not applicable

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

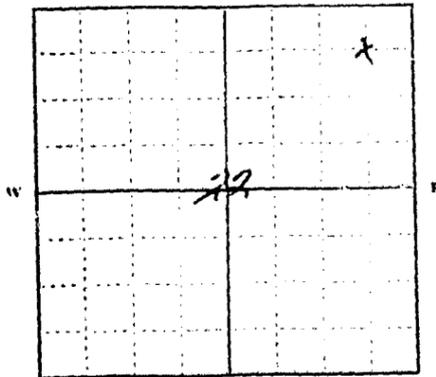
spring

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.....

10 Gallons per minute

Measured with a five gallon container



NE 1/4 Sec. 27 T. 17 N. R. 2 E

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

Signature of Owner... Cecil A. Oden

Date... 12/31/63

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.

28458

4471

CLERK AND RECORDER  
CASSIA COUNTY, MONTANA  
I HEREBY CERTIFY THAT THE WITHIN  
INSTRUMENT WAS FILED FOR RECORD  
IN THIS OFFICE ON

DEC 31 1962

AT 133  
AND DULY RECORDED AS DOCUMENT

J. L. LEMMON  
*J. L. Lemmon*

File No. ....

T. 17 R. 2 East

DUPLICATE

County Cascade

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 9 1965

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 1, 1947

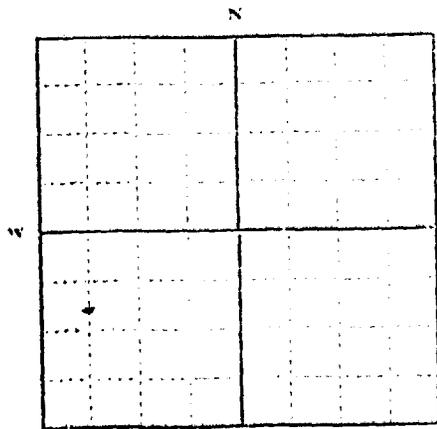
Owner Albert Messers Address Milligan Bluffs Falls

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. Natural spring



NW SW 22 17 SE

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.....

12 months

Signature of Owner Albert Messers

Date Dec 31, 1963

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

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

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

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

28377

4387

STATE OF MONTANA, <sup>ss.</sup>  
County of Cascade.

I hereby certify that the within in-  
strument was filed in this office on

DEC-31-1900

at 1217 <sup>ss.</sup>

J. L. <sup>ss.</sup>  
County of Cascade

By J. L. [Signature]

File No. ....

T 17 N. R 2 E

DUPLICATE

County Cascade

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

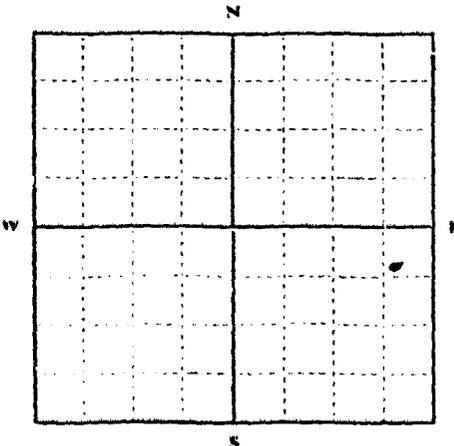
RECEIVED  
JAN 9 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. School Dist. No. 33, of Milligan Pk. - Gt. Falls  
(Name of Appropriator) (Address) (Town)

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



N. E. 1/4 Sec 24 T17 N. R. 2 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 - Drinking water and maintaining school and living quarters.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1900 - Rebuilt in 1942.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Not known - Pump will draw 700 gals. per hr.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. 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. 1942

8. The depth of water table. 24 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. (12") 12 inch casing

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

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

Albert Meadows  
Signature of Owner Chairman

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.

27946

3961

STATE OF MONTANA, }  
County of Cascade

I hereby certify that the within in-  
strument was filed in this office on

\_\_\_\_\_ 1968

Date

at 10:30 o'clock 4 M.

**J. L. LENNON**

County Clerk and Recorder.

By

*[Signature]*

Deputy.

File No. ....

T. 17 R. 2E

DUPLICATE

County Cascade

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

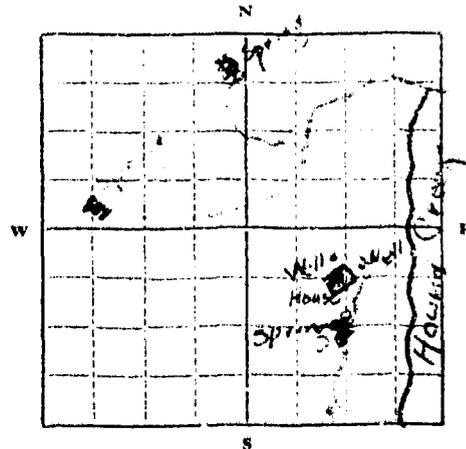
RECEIVED  
DEC 17 1963

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. James M. Carlile of Millegan Rte., Great Falls,  
(Name of Appropriator) (Address) (Town)  
County of Cascade State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



All 24 17 2 E  
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... watering livestock, irrigating -- this has also been used for washing coal
3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1890 (property owned by my father) used periodically, as required in ranch operation and when mine was in operation, ever these years
4. The amount of groundwater claimed (in miner's inches or gallons per minute)... This water comes from 3 springs located in 3 places on the Sec. The amount used has never been measured. A deep well and shallow well are also used.
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... 71 acres of Hayland -- owner, James M. Carlile
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... Sprinkler system Electric pressure pumps
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... The springs have always been on the ranch. The deep well was drilled in 1966. Don't know when the shallow well was dug -- years ago.
8. The depth of water table... Depth of well -- 47 ft. Static water level - 8 ft. from surface (this information on the deep well)
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater... Shallow well is 14 ft. deep Deep well is 47 ft. deep
10. The estimated amount of groundwater withdrawn each year... 500,000 gals. or more
11. The log of formations encountered in the drilling of each well if available... 0' to 12' surface soil and shale from 12' the rest is 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... I have the mineral and water rights on this ranch.

Signature of Owner James M. Carlile  
Date Dec. 13, 1963

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

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

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

3495

STATE OF MONTANA, } ss.  
County of Cascade

I hereby certify that the within instrument was filed in this office on

DEC 13 1963

Date

at 3:15 o'clock P.M.

**J. L. LENNON**

County Clerk and Recorder.

By

[Signature]

Deputy.

27

File No.....

T. 17N R. 2E

DUPLICATE

County Cascade

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 9 1964  
STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Not available

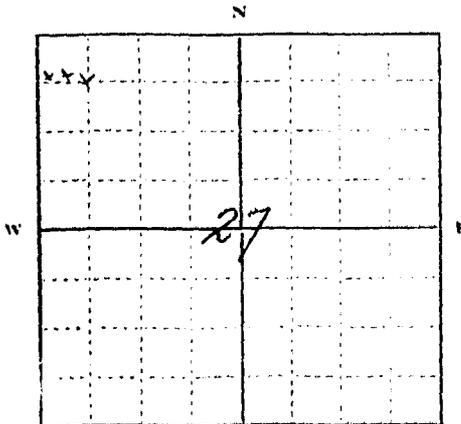
Owner Cecil R. Ogden Address Cascade, Montana

Contractor (if any) None not applicable

Address of Contractor None not applicable

Date Started Not applicable Date Completed Not applicable

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



NW 1/4 Sec. 27 T. 17N R. 2E

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

70 gal. per minute

measured with a 5 gallon container

Signature of Owner Cecil R. Ogden

Date Dec 31, 1963

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

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

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

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

284.60

27

File No.....

T. 17N R. 2E

DUPLICATE

County Cascade

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 9 1964  
STATE ENGINEER

Notice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Not available

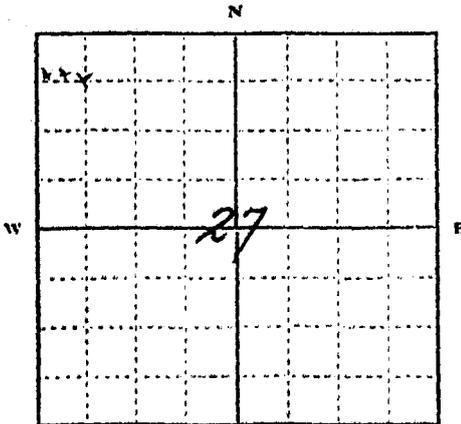
Owner Cecil R. Ogden Address Cascade, Montana

Contractor (if any) None not applicable

Address of Contractor None not applicable

Date Started Not applicable Date Completed Not applicable

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



NW 1/4 Sec 27 T17N R2E

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.....

70 gal. per minute

measured with a 5 gallon container

Signature of Owner Cecil R. Ogden

Date Dec 31, 1963

This form to be prepared by contractor (if any), otherwise by the owner.  
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.  
Please answer all questions. If not applicable, so state, otherwise the form will be returned.  
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

284-60

4473

CLERK AND RECEIVED  
FEDERAL BUREAU OF INVESTIGATION  
U. S. DEPARTMENT OF JUSTICE  
WASHINGTON, D. C. 20535  
DEC 31 1988

1:38

J. J. Johnson

County Cascade 34

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 Cecil Ogden

Address Cascade

Montana

Date well started Sep. 15, 1972

completed Sep. 20, 1972

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Rotary

(Churn drill, rotary or other)

Water Use: Domestic  Municipal  Stock  Irrigation

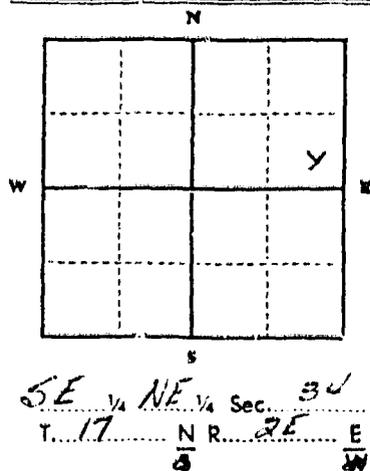
Industrial  Drainage  Other \* Garden/Lawn

\*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 1,000,000 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8"	5" PVC	Sfo	56'	slotted	36	56



Static water level 19 ft.\*  
Pumping water level 40 ft.\*  
at 5 gallons per minute,  
measured 60 minutes after pumping  
began.

\*Measured from ground level.  
Well developed by Air Pump  
for 4 hours. 100  
Power: Intl Pump Jenbacher HP

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

Casing Cemented

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

Driller's Signature George R. Taylor

Driller's Address 503 - 34th St. N.W.

Great Falls, Montana 59404

LICENSE NO. 214

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)	
Sfo	5	Soil
5	10	Light Grey Sandy Shale
10	15	
15	20	Dark Brown Clay
20	25	Soft Shale
25	30	Light Grey Sandstone
30	35	Light Grey Shale
35	60	Light Red Sandstone (water)

60

Show exact depth of bottom

51,766

5430

STATE OF MONTANA, } ss.  
County of Cascade.

I hereby certify that the within in-  
strument was filed in this office on

NOV 1 1972

Date

10:55 o'clock A M

S. L. LENNON

County Clerk and Recorder

By J. L. Walker  
Deputy

File No. ....

T. 17N. R. 2E

DUPLICATE

County Cascade

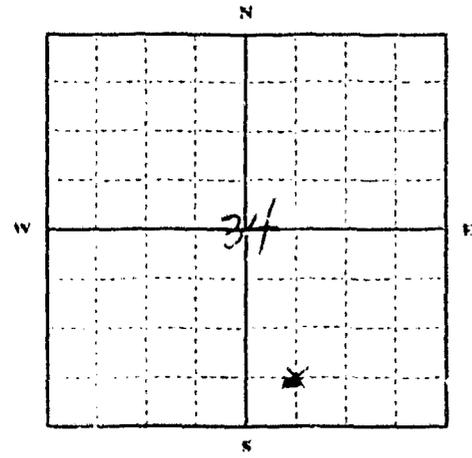
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

RECEIVED  
JAN 10 1964  
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Cecil R. Ogden, of Cascade, Montana  
(Name of Appropriator) (Address) (Town)  
County of Cascade State of Montana  
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 37 T. 17N. R. 2E

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, general ranch & stock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
1927 Continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
15 millions per minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof  
none
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
Electric pump and windmill
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
1927  
The depth of water table 15'
- 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' Deep
- 10. The estimated amount of groundwater withdrawn each year  
500,000 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  
No information available

Signature of Owner Cecil R. Ogden  
Date Dec 31 1963

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

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

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

28461

4474

RECORDED  
INDEXED  
OCT 31 1936

1:36

*J. J. O'Connell*