

GROUNDWATER INDEX

Page 1 of 1

County Barren Twp. 15 N Rge. 1 E

[illegible]

File No.

T. 15 R. 2E & 3E

DUPLICATE

County CASCADE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

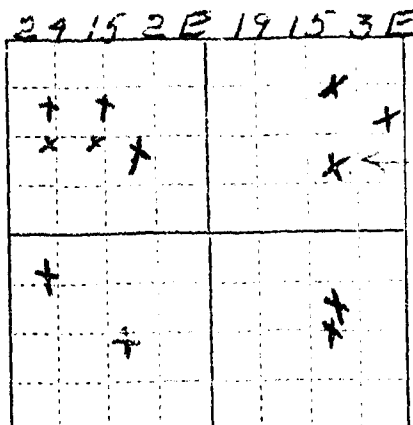
Date of Appropriation of Groundwater UNKNOWN

Owner Arden K. ITSON Address WILHELM ROAD
BT FALLS, MONTANA

Contractor (if any)

Address of Contractor

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



25 15 2E 30 15 3E

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

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. These are NATURAL

Flow Springs.
This spring is
located on the
For Domestic
Watering Stock

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. year

AROUND USE.

Signature of Owner Arden K. Itson

Date December 20, 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.

3905

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
DEC 30 1969

Date
at 10:57 o'clock M

J. L. LENNON
County Clerk and Recorder.

By [Signature]
Deputy.

File No.

T. 15N. R. 2E.

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 9 1964
STATE ENGINEER

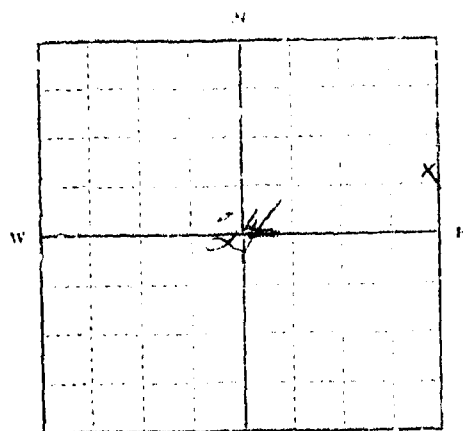
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater not applicable
Owner Cecil A. Caden 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



NE 1/4 Sec. 24 T. 15N. 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.

40 gallons per minute
Measured with a five gallon container

Signature of Owner Louis R. Caden

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.

File No.

T. 15N. R. 2E.

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 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 K. Ogden 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

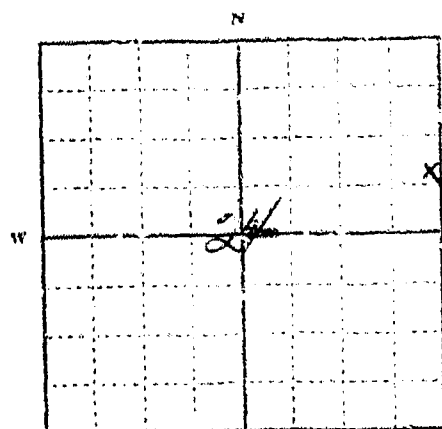
estimate approximate lengths of periods of use

40 gallons per minute

Measured with a five gallon container

Signature of Owner *Cecil K. Ogden*

Date *Dec 31, 1963*



NE 1/4 Sec. 24 T. 15N. R. 2E
Indicate point of appropriation
and place of use, if possible.

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.

28459

4472

CERTIFICATE OF
DEATH
I HEREBY CERTIFY THAT
THE DEATH OF
IN THIS OFFICE

134

By _____
J. J. O'Connor

File No.

T. 23 R. 23

DUPLICATE

County Cascade

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 not applicable

Owner Cecil R. Ogden 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.

60 gallons per minute

measured with a five L. lion container

Signature of Owner Cecil R. Ogden

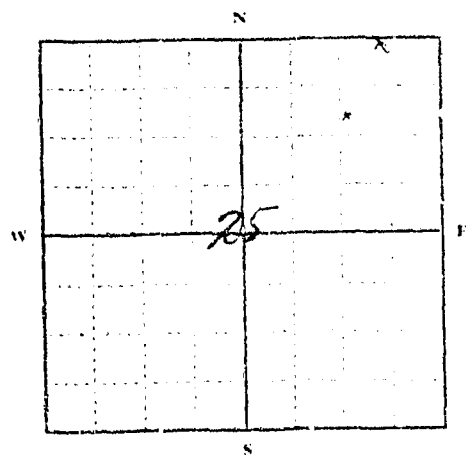
Date Dec 31, 1963

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.



NE NE 1/4 Sec. 25 T. 15N R. 23E

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

4415

RECEIVED
JAN 11 1977
FBI - NEW YORK

1:37

J. J. Churns

Page 1 of 1

County Lincoln Twp. 15 N Rge. 3 E

[illegible]

File No.

T. 15 N. R. 3 E.

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)

Date of Appropriation of Groundwater used for over 50 years.
GAIL F. FRAUNHOFER &

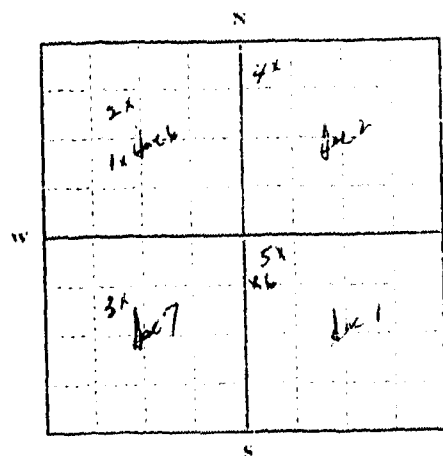
Owner OMAR C. FRAUNHOFER Address Cascade, Montana

Contractor (if any) None

Address of Contractor

Date Started Have been used for over 50 years.
used for over 50 years.

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



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. Springs numbered 1 through 4 flow at a rate of approximately 10 gals. per minute. Spring No. 5 flows at a rate of 5 gals. per minute, and spring No. 6 flows at a rate of 25 gals. per minute. All of the springs flow continuously throughout the year.

1. NE $\frac{1}{4}$ Sec. 6 T. 15 N. R. 3 E.

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

2. SE $\frac{1}{4}$ Sec. 6
3. SE $\frac{1}{4}$ Sec. 7
4. NW $\frac{1}{4}$ Sec. 2
5. NW $\frac{1}{4}$ Sec. 1
6. NW $\frac{1}{4}$ Sec. 1

All in Twp. 15 N. R. 3 E.

Signature of Owner Omar C. Fraunhofer

Date December 27, 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.

27905

3917

STATE OF NEW YORK
County of Orange
I, the undersigned, Clerk of the Court,
do hereby certify that the within and
above is a true and correct copy of the
original as the same appears from the
records of the Court.

9104-10-Q

A. O. Fiedler

File No.

T. R.

DUPLICATE

County.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater..... 9-4-63

Owner..... George Marko Address..... Milligan, B.T.

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

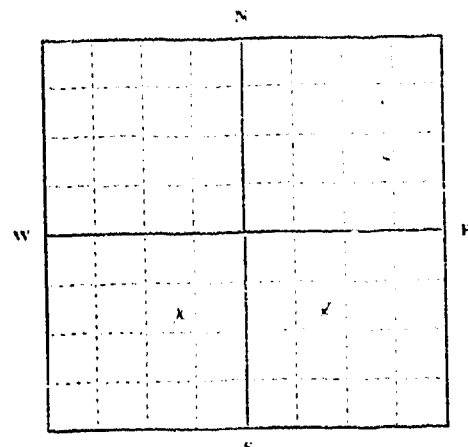
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

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

One gallon per minute 5-25, 600 gpd
per year.
obtained when I purchased
in 1947 place.

Signature of Owner..... George Ellen Marko

Date..... Dec 30 1963



1/4 Sec. 3 T. 2 S. R. 5 E

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

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.

4114

STATE OF MONTANA, } ss.
County of Cascade.
I hereby certify that the within in-
strument was filed in this office on
DEC 30 1963
Date
2:09 o'clock P.M.
J. L. LEMMON
County Clerk and Recorder.
By _____ Deputy.

File No.

DUPLICATE

T. 15 N. R. 3 ECounty CASCADE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

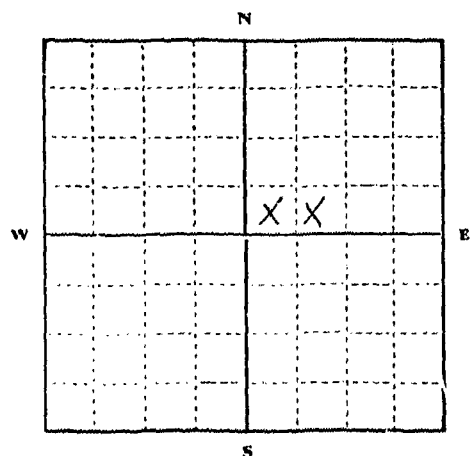
Date of Appropriation of Groundwater June 5, 1962Owner Carl A. Anderson Address Milligan Ave
Shrader Falls, Mont.Contractor (if any) none

Address of Contractor

Date Started June 5, 1962 Date Completed June 5, 1962Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Rocked in spring andinstalled one inch pipe line to 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.....

1" pipe lined flow at 15 gal per
minute into water tankSignature of Owner Carl A. AndersonDate Dec 23 63

1/4 Sec. 17 T. 15 N. R. 3 E
Indicate point of appropriation
and place of use, if possible.

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.

13056

3780

3730

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
DEC 23 1962

Date

at 4:30 o'clock P M.

J. L. LENNON

County Clerk and Recorder.

By H. C. Smith Deputy.

File No.

T. 15N R. 3E

DUPLICATE

County. Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

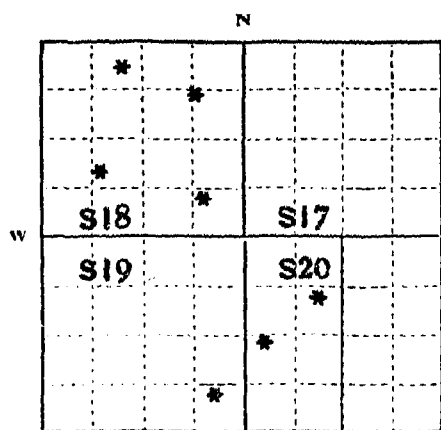
RECEIVED
DEC 20 1963

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater. Natural (unknown)Owner. Walter D. Brodock Address. Millegan Route
Great Falls, MontanaContractor (if any) NoneAddress of Contractor NoneDate Started. 1898 Date Completed. Natural (unknown)

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



1/4 Sec. 18, 19 & 20
T. 15N R. 3E
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 watering,
irrigation, domestic purposes - 6" pipe
running full on spring on S19 - all other
springs 2" pipe full.

Signature of Owner. Walter D. BrodockDate. December 19, 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.

100-86

3614

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
DEC 19 1963

at 1:10 o'clock P M.

J. L. LENNON
County Clerk and Recorder.

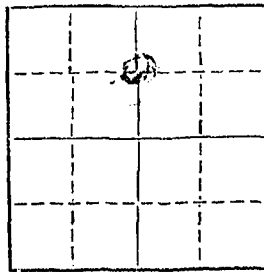
By J. J. Johnson
Deputy.

T. 15 R 3E
County Cascade

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

STATE ENGINEER



Owner Charles J. Cope Address Milligan etc
Driller Charles J. Cope Address Milligan etc
Date Started 3 Wells 1959 Date Completed 1959
Location: Sec. 29 T. 15 R. 3E 1/4 sec.

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

Water use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐
Two wells one
Industrial ☐ Drainage ☐ Other: _____

Casing: Eight ft ft. to _____ ft. Type Rock cement Size 36 inches
Casing: 2 Wells ft. to _____ ft. Type Steel Size 30 inches
Casing: _____ ft. to _____ ft. Type _____ Size _____

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

Type of screen or perforations Chisel holes

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

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

Pumping water level Four ft feet at never tested But will pump dry (date) _____ gal. per min.

How tested: _____

Length of test: _____

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

Gravel packing on one well
Rock packing on the other two

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
		Two feet of black earth on top
		Five and a half feet of clay to gravel

25
 1150 - 1000 ft.
 J. L. EVANS
 County Clerk and Recorder
 DEC 27 1901
 Deputy.

File No. _____

T. 15 R. 3E

DUPLICATE

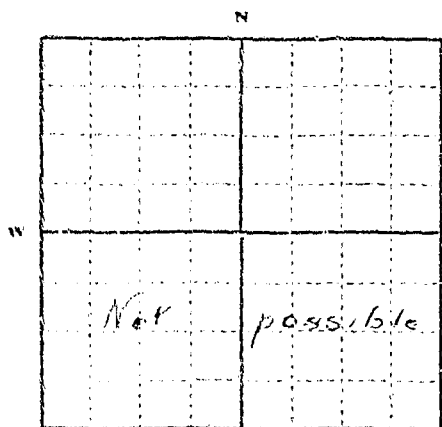
County. Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. School Dist. 33X (formerly No. 15), of Milligan Rte. St. 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:



Corner
SE 1/4 Sec. 29 T. 15 R. 3E

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, maintaining school and teacherage.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been About 1900.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Not known.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not 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 Not known.
8. The depth of water table 20 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Dug well.
10. The estimated amount of groundwater withdrawn each year 300,000 gals. per yr.
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.

Signature of Owner

Albert Meadows
ChairmanDate 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.

27947

3962

RECEIVED
U.S. DEPARTMENT OF COMMERCE
BUREAU OF ECONOMIC ANALYSIS
WASHINGTON, D.C. 20540
DEC 30 1963

10:31 AM

A. C. [Signature]

File No.

DUPLICATE

T 15 R 3 E

County Cascade

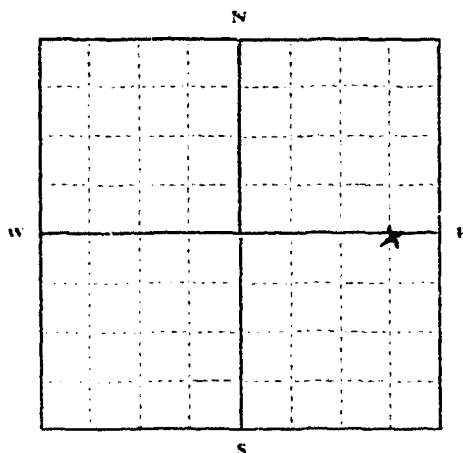
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 4 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Arlen Kitson of Milligan 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 Sec. 30 T. 15 R. 3 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
+ STOCK WATER
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1900 CONTINUOUS
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 200 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
NONE
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
HAND PUMP
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1900
8. The depth of water table 10 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 HAND Dug 6 FT. ROUND
10. The estimated amount of groundwater withdrawn each year UNKNOWN
11. The log of formations encountered in the drilling of each well if available NONE
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NONE

Signature of Owner

Arlen KitsonDate Dec. 30, 1963

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

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

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

27969

2684

STATE OF MONTANA. } ss.
County of Cascade.

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

DEC 30 1968

Date
at 12:44 o'clock PM

J. L. LENNON
County Clerk and Recorder

By Beje
Deputy.

File No.

T. R.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Theodore R. Cope
1. *Marguerite Cope*
(Name of Appropriator)

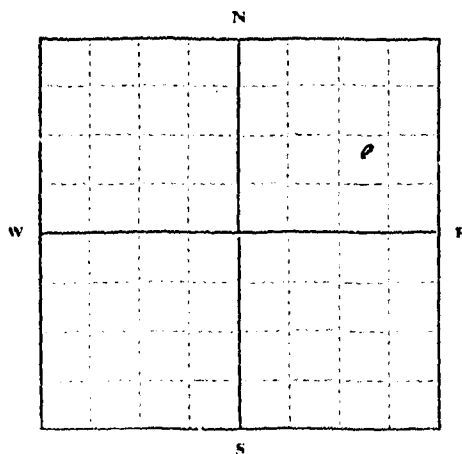
of *PT 1*
(Address)

Belgrade
(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 34 T. 15 R. 3 E
Indicate point of appropriation
and place of use, if possible. Each
small square represents 10 acres.
N.E. 1/4 Sec 34

2. The beneficial use on which the claim is based *Domestic Use*
3. Date or approximate date of earliest beneficial use; and how continuous the use has been *About 1914*
4. The amount of groundwater claimed (in miner's inches or gallons per minute) *30 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 *pump*
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *1914 wells*
8. The depth of water table *25 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 60 and 35 ft. 6 in. casing*
10. The estimated amount of groundwater withdrawn each year *don't know*
11. The log of formations encountered in the drilling of each well if available *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

Marguerite Cope

Theodore R. Cope

Date *Dec 10, 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.

28341

4357

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON, D. C.
RECEIVED
SEP 11 1962

1136

J. L. Lennan
Director

GROUNDWATER INDEX

Page 1 of 1

County Lincoln Twp. 15th Rge. 4E

[illegible]

SW 3

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

File No.

T. 17 R. 4E

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODED
OFFICE OF STATE ENGINEER

RECEIVED
JAN 4 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater

Owner Mr. & Mrs. Helen M. Jacobs Address Eden Route

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 water fill
never been measured

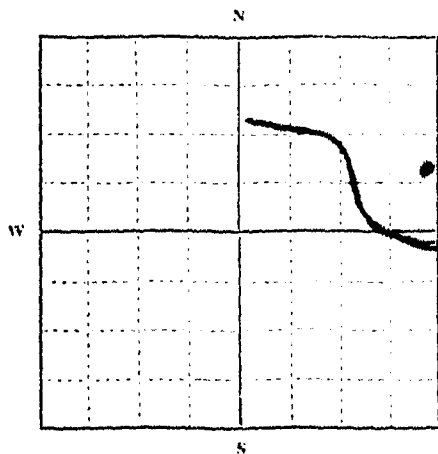
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use

runs
year around
but mostly for summer pasture
watering livestock

Signature of Owner Helen M. Jacobs

Date Dec 30, 1963



SE 1/4 Sec 15 T. 17N R. 4E

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

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.

28400


4412

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 12:36 o'clock P.M.

J. L. LENNON
County Clerk and Recorder.

By  Deputy.

File No.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 15 N. R. 4 E.

County

RECEIVED
DEC 17 1963

STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 1st 1919Owner Victor H. Anderson and C. H. AndersonAddress Great Falls Mont

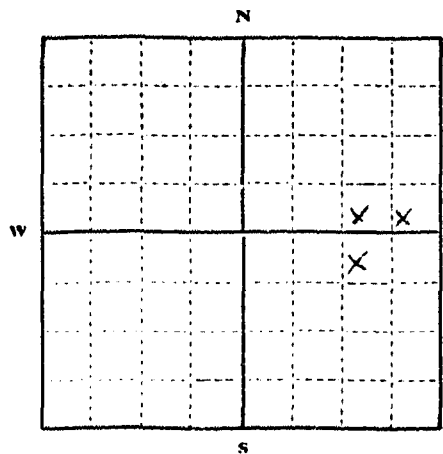
Contractor (if any)

Address of Contractor

Date Started June 1, 1919 Date Completed June 10, 1919

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

piped to troughs approximate flow
3 springs. 30 gal. per minute



..... 1/4 Sec 23. T. 15 N. R. 4 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.....

measured flow from pipes

Signature of Owner.....

Victor H. Anderson
C. H. Anderson

Date Dec 16 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.

3120

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
DEC 16 1963

at 2:42 o'clock PM

J. L. LENNON
County Clerk and Recorder.

By [Signature] Deputy.

County CascadeTwp. 15NRge. 7E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
3	Richardson, Mazie M. and Daly, Ruth R.	GW 4	4541	
3	The Mont. Power Co.	4	3095	
4	Cook, Francis X. & Rose M.	4	4692	
10	Dreher, Robert A.	4	3839	
10	Holzheimer, Myron B.	3	4285	
10	Union Bank & Trust Co.	2	5390	
10	" " " Co.	4	3163	
11	Nebel, Robert	2	5298	
11	Schoberg, Ernest-Ruth	2	5525	
13	Ruf, Percy E. & Grace N.	4	—	
13	" " "	4	—	
14	Holzheimer, Florian J.	3	5300	
14	" " , Donald M.	4	4666	
14	Hunt Bros.	3	3650	
14	Hunt, Archie N.	3	5273	
14	Lindseth, Clarence O. & Magdalene M.	2	5361	
14	Lindseth, Carl M. and Darise	2	5546	
14	McCleen, Ray	2	5326	
15	Cave, Emma, et al	3	5530	
22	Hunt, Archie N.	4	5567	
22	" " "	3	5568	
22	" " "	3	5569	
22	" " "	4	5570	
22	Sederholm, W.C.	3	4212	
23	Engel, James and Farnsworth, Robert H., Dr.	4	4300	
23	Engler, Robert E., Dr.	4	4191	
23	Wandahl, Norman	4	4194	
24	Farnsworth, Dr. Robert H. and Engel, James	4	4299	
24	Engler, Dr. Robert E.	4	4192	
24	Wandahl, Norman	4	4193	
27	Badkins, Lola	2	5532	
29	Remington, Fred	3	3796	
32	" "	3	3798	
33	" "	3	3797	
34	Badkins, Lola	3	5531	
?	Adolphson, Gordon	2	5287	
—	Dreher, Robert A.	3	3838	
—	Kenkel, Katherine	4	4423	
—	Jennings, Larry	2	5149	

File No.

T. 15N R. 7E

DUPLICATE

County CASCAD

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 1 1964
STATE ENGINEER

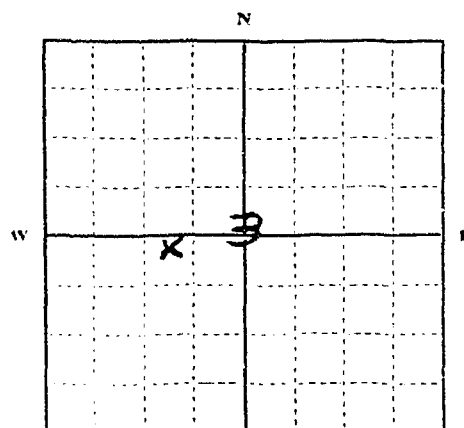
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

MAZIE M. RICHARDSON

1. RUTH R. DALY of 2717 7th Ave. No., 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-W 1/4 - N.E 1/4 - S.W
1/4 Sec. 3 T. 15 R. 7E

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. August 1955 continuous.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 55 gallons per minute.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Lawn and trees irrigation Lot 73 through 77 - Strain's First Addition to Monarch, Cascade County, Montana. Owners Mazie M. Richardson and Ruth R. Daly.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal pump on well on approx. Lot 73 and 74 Strain's First Addition to Monarch, Montana.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. unknown
8. The depth of water table approximately 0' to 70'.
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 unknown
10. The estimated amount of groundwater withdrawn each year 1200 gal. a day from May thru Sept.
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 well used at summer cabin for domestic and irrigation use.

Signature of Owner

Date Nov 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.

28528

4541

DEC 31 1964

RECORDED

2152

100-1000

LENNON

the 1990s, the number of people in the United States who are 65 years of age or older is projected to increase from 20 million to 30 million, and the number of people 75 years of age or older is projected to increase from 10 million to 15 million (U.S. Census Bureau, 1997).

W. C. C. C. C.

File No.

T. 15N R. 7E

DUPLICATE

County Cascade

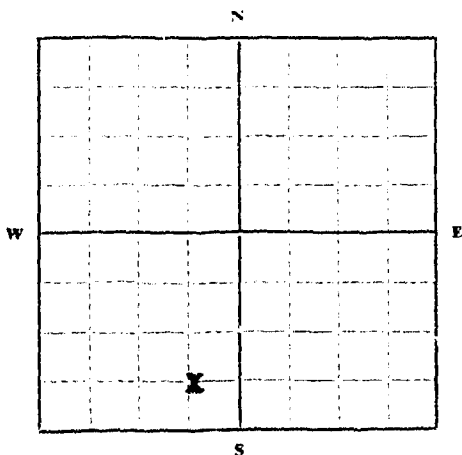
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. The Montana Power Company of 40 East Broadway Butte
(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 SW 1/4 Sec. 3 T15N R 7E

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 consumption
3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1915 approx. continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute)... Estimate 200 gallons per day
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... Well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... 1915 approx.
8. The depth of water table... About 10 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... About 10 feet
10. The estimated amount of groundwater withdrawn each year... 80,000 gallons
11. The log of formations encountered in the drilling of each well if available... Shallow well, dug out and cemented up
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

(CORPORATE SEAL)

ATTEST:

Secretary
Its Secretary

THE MONTANA POWER COMPANY

Signature of Owner By [Signature]
Vice President
Date February 1, 1962

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

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

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

#5095

APR 12 1962

Field 4
J. J. [unclear]
C. [unclear]
[unclear] [unclear]
[unclear] [unclear]

File No.

T

R

DUPLICATE

County

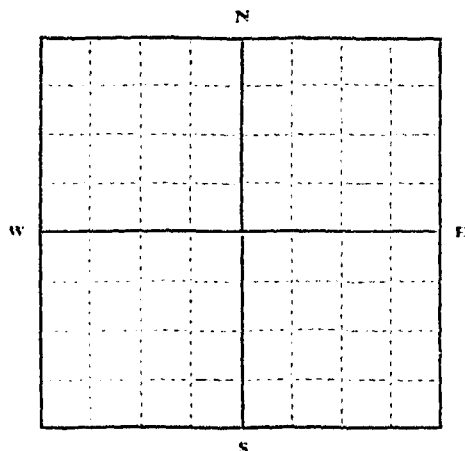
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 27 1964
STATE ENGINEER

1. Thomas W. Reed, Jr. of Helena Montana
(Name of Appropriator) (Address) (Town)
County of Blaine State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



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

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

Thomas 1st Addition to Helena
lots - 21st - Block 1

2. The beneficial use on which the claim is based household
and garden irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1954
continuous use since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2.5 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
none, not applicable
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump
on lot 21st at corner 21st & Block 1
Thomas 1st Addition to Helena
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater The well was dug before we bought the property, we
do not know date of digging
8. The depth of water table Three 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 Open well, 3 ft. in diameter with hand pump
well is 6 ft. deep, inside at well house, 6 ft. x 8 ft. with concrete foundation
and concrete floor with drain of water by electric pump piped 30 ft.
home
10. The estimated amount of groundwater withdrawn each year 5,500 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 available

Signature of Owner

Date

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

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

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

37156

4692

STATE OF MONTANA, } ss.
County of Cascade.

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

SEP 10 1964

at 8-47 ^{PM} o'clock PM

J. L. LENOIR
County Clerk and Recorder

By B. L. Lenoir Deputy.

File No.

T. R.

DUPLICATE

County.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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

N					
W					E
S					

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

2. The beneficial use on which the claim is based on the household and irrigation.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1962
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2,000 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 approximately 1 1/2 acres "A tract of land in the SE 1/4 of the SE 1/4 of Section 10, Township 15 North, Range 7 East, M.P.M. Mr. & Mrs. Robert A. Dreher"
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well is #1 jet type electrically driven . Well #2 - jet type. Both Sec. 10, Township 15 No. Rng. 7E. M.P.M.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater July 15, 1962, Well No's 1 & 2 hand excavated
8. The depth of water table Varies from two to six 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 #1 Well - galvanized casing 6" by 8' feet, Well #2 - 3" circular tile casing 8' deep.
10. The estimated amount of groundwater withdrawn each year 25,500,000
11. The log of formations encountered in the drilling of each well if available wells are hand excavated Formation - dirt, sand gravel and rock
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Deed issued to Mr. and Mrs. Robert A. Dreher Dated Deed 8-28-61 Data Recorded 7-26-61

Signature of Owner

Date December 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

27827

3839

STATE OF MONTANA, } ss.
County of Cascade.

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

DEC 27 1908

at 1:27 o'clock PM

J. E. LEMMON

County Clerk and Recorder.

J. E. Lemmon
Secretary.

File No.

T. 15 No. R. 7 East

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..... Unknown

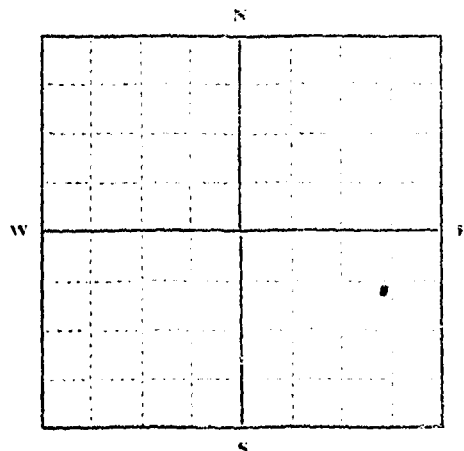
Owner Myron B. Holzheimer Address 1226 9th Avenue So.
Great Falls, Mont.

Contractor (if any) None

Address of Contractor Not applicable

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. Free flowing spring



NE 1/4 Sec. 10 T15N R. 7 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 spring flows 10 gal. per minute. I determined this by putting a 5 gal. bucket under the pipe that leads from the spring. The flow of the spring was checked in June, Aug. & Oct. 50 gallons of water a day is used on week ends only. This is a cabin.

Signature of Owner Myron B. Holzheimer

Date 30 December 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.

2827-3

4285

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
DEC 31 1917

Date

at 10:17 o'clock PM

J. L. LENNOR

County Clerk and Recorder

By J. J. Chubb
Der

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 UNION BANK & TRUST CO.

Address 501 1st St.

Date well started APRIL 1, 1972

completed APRIL 5, 1972

Type of well DUG

(Dug, driven, bored or drilled)

Equipment used BACK HOE

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

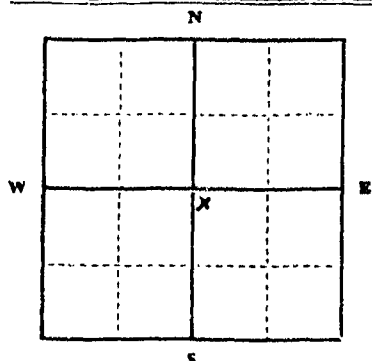
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe NOT APPLICABLE

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). NOT APPLICABLE

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
42 inches	42 in. 10 gauge Galvanized Culvert	Ground Level	10 feet	None		



SE 1/4 Sec. 1
T. 15 N. R. 7 E.
S W

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

Driller's Signature UNION BANK & TRUST CO.

Driller's Address 501 1st St.

CHURMAN OF THE BOARD AND

EXECUTIVE TRUST OFFICER

LICENSE NO.

County Blaine

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	1	Feet
1	2	Sand Gravel
2	3	
3	4	
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99	100	

1 Feet Show exact depth of bottom

5390

STATE OF MONTANA, } ss.
County of Cascade.

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

JUL 24 1972

Date

at 10:30 o'clock A M

J. L. LENNON

County Clerk and Recorder

By

J. L. Wilson
Deputy

File No. _____

T 15 N R 7 E

DUPLICATE

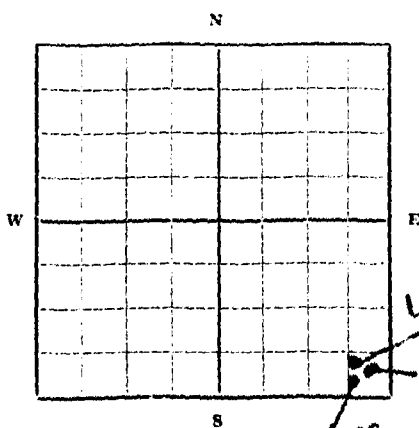
County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. UNION BANK AND TRUST COMPANY, TRUSTEE of HELENA, 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:



SE 1/4 Sec. 10 T. 15N R. 7E

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 IRRIGATION
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1892 - COMPLETELY CONTINUOUS
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4200 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 APPROX. 8 ACRES, SE 1/4, SEC. 10, TWP. 15 N., RANGE 7 E., CASCADE COUNTY, MONTANA; UNION BANK AND TRUST COMPANY, TRUSTEE, HELENA, MONTANA
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal WELL #1 - TURBINE TYPE, ELECTRICALLY DRIVEN PUMP; WELL #2 - JET TYPE, ELECTRICALLY DRIVEN PUMP - SE 1/4, SEC. 10, TWP. 15 N., RANGE 7 E., CASCADE COUNTY, MONTANA
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater WELL #1 EXISTED SINCE 1892, ENLARGED AND DEEPEMED IN 1925, HAND EXCAVATED. WELL #2 - 1947, HAND EXCAVATED.
8. The depth of water table VARIES FROM 6 INCHES TO 8 FEET ACCORDING TO SEASON
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 #1, HAND EXCAVATED, CONCRETE WALLS, APPROXIMATELY 4 FEET BY 4 FEET, DEPTH 8 FEET. WELL #2, APPROXIMATELY 36 INCH CIRCULAR CASING, DEPTH 8 FEET.
10. The estimated amount of groundwater withdrawn each year 54,750,000 GALLONS
11. The log of formations encountered in the drilling of each well if available ALL WELLS WERE HAND EXCAVATED. MATERIAL ENCOUNTERED - DIRT, SAND, GRAVEL AND ROCK
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. Patent was issued and filed under date of March 3rd, 1897, and Warranty Deed was issued to Charles R. Lowery under date of June 22nd, 1925, which instrument was filed in Cascade County, Montana, June 29th, 1925, recorded in Volume 122 of Deeds, Page 27.

ATTEST:

Union Bank & Trust Company, Trustee

Signature of Owner By: _____

President

Date July 18, 1962

Secretary

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 School of Mines and Quadruplicate for the Appropriator.

1985

STATE OF MONTANA)
 : SS.
COUNTY OF LEWIS AND CLARK)

On this 18th day of July, 1967 before me
Herman P. Mayer, a Notary Public for the state of
Montana, personally appeared John Carlson and
J. H. Dion known to me to be the President and
Secretary of the Corporation that executed the
within instrument and acknowledged to me that
such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set
my hand and affixed my official seal the day and
year in this certificate first above written.

Herman P. Mayer
Notary Public for the State of Montana.
Residing at Helena. My Commission
expires July 25, 1964.

(SEAL)

37 *H. P. Mayer*
Deputy.

7:15
AUG 14 1967
4

#3163

Doc. No. 5552

Approved Stock Form—State Publishing Co., Helena, Montana—45642

File No. _____

Filed for record

this 1st day of JulyA. D. 19 71 at Helena

DUPLICATE

o'clock 4 M.

LOG

Top of Ground

(Elev. above sea level _____)

0 -- 1 -- Topsoil

1 - 33 -- Yellow Clay and

Broken Limestone Gravel

33 - 38 -- Thin Green

Shale Layers in

Brown Sandy Clay

38 - 73 -- Green Shale

73 - 99 -- Light Blue

Shale layers in

Green Shale

99 - 103 -- Purple and

Green Shale

103 - 115 -- Harder --

Very Sandy Purple

Shale

115 - 125 -- Broken

Variegated lime and

shale layers; some

broken Granite.

Contains Water

125 - 127 -- Gray-green

limy shale

127 -- Bottom

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

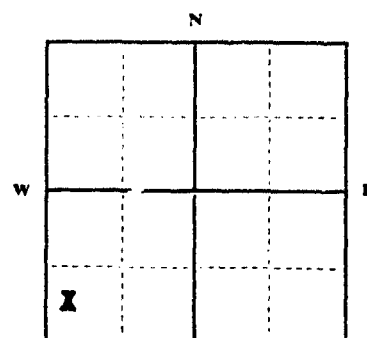
Owner Robert Nebel Address Monarch, MontanaDriller Larry Jennings Address Lewistown, Montana

Date of Notice of appropriation of groundwater _____

Date well started May 25, 1971 Date completed May 26, 1971Type of well Drilled Equipment used Cable Tools
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" O.D. 17#	1' above ground	26'	Trench Out Slets	114'	127'
	4 1/2" O.D. 6 3/4#	22'	127'			



SW NW NE
 SE 1/4 Sec 15 T.15 S. R. 7E
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 97 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 104 feet
at approx. 20 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested BailerLength of Test 2 hoursRemarks: (Gravel packing, cementing, packers, type of shutoff) Packers set at 24 ft. and 110 ft.

(Continue on reverse side)

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

Domestic & irrigating 2.12 Ac.

Show exact depth of bottom.

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

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

Driller's License Number 144Driller's Signature Larry Jennings

1971.0



10

T 15 N R 7 E

County CASCADE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

(Elev. above sea level 4266)

1. π is a \mathbb{Q} -vector space

100-100000

1 FF G 58491

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner Address

Driller.....Address.....

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

Date well started..... Date completed.....

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

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

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

[illegible]

A 4x4 grid representing a field. The cardinal directions are labeled: 'N' at the top, 'S' at the bottom, 'E' on the right, and 'W' on the left. An 'X' is marked in the bottom-left cell (row 4, column 1).

Static Water Level for non-flowing wellfeet.

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

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

Discharge in gal. per min. of flowing well

How Tested.....

Length of Test.....

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

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

..(Continue on reverse side)

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

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature.

File No.

TRIPLICATE

LOG

Top of Ground

(Elev. above sea level 4200 ft.)1 FT TOP SOIL4 FT SAND6 FT GRAVEL55256-27-7312:01 pm

RECEIVED

JUL 10 1973

MONTANA

RECORDED

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well

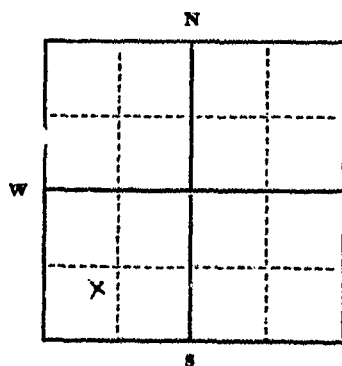
DEVELOPED AFTER JANUARY 1, 1962

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

Owner Ernest-Ruth Schenberg Address Box 50-Monarch, Mont.Driller S&L AddressDate of Notice of appropriation of groundwater May 1, 1967Date well started May 1, 1967 Date completed May 14, 1967Type of well Aug Equipment used Back-hoe
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☒
Industrial ☐ Drainage ☐ Other ☐

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
4 in.	2 ft. 3 in. concrete	6 ft.	11 ft.			



Section 14 Sec. 11 T. 15 R. 7 E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non flowing well 3 feet.

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

Pumping Water Level 10 feetat 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested runningLength of Test 10 hours

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff).....

(Continue on reverse side)

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

Irrigation for 1.2 acreage

Show exact depth of bottom.

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

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

Driller's License Number

Driller's Signature.

Ernest R. Schenberg55924

5525

STATE OF MONTANA, Inc.
County of Cascade

Witness that the within is
a true and correct copy of the original as
filed in this office on

JUN 27 1973

1201 _____ AL

L. J. FENNISON

County Clerk and Recorder.

J. L. Fennison
By _____

File No.

T. R.

DUPLICATE

County

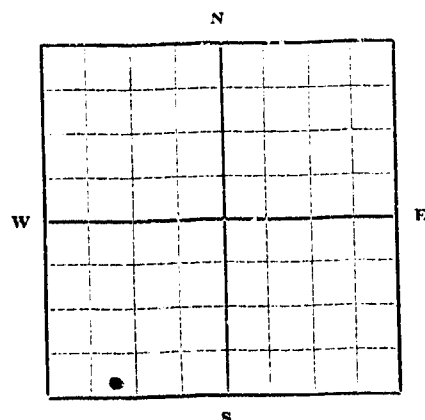
STATE OF MONTANA
ADMINISTRATOR OF GROUND WATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Percy E. Ruf and Grace N. Ruf of 1615 Eleventh Avenue South, 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:



SW $\frac{1}{4}$ of SW $\frac{1}{4}$,
SE $\frac{1}{4}$ Sec. 13 T. 15 R. 7E.
Cascade County, Montana
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 is irrigation & domestic use for household, garden, and livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been beneficial use as far as applicants know has existed definitely since 1957 and undoubtedly many years prior to this date. Use has been continuous according to applicants knowledge since 1957.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) approximately five gallons per minute or 300 gallons an hour.
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 water has been used for gardening purposes only within the immediate confine of residence located on the property, and has not been used for actual agricultural irrigation purposes.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal water comes from a spring and comes through a spring house by natural flow.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater spring house has been in an established place and in existence for a period of at least ten years.
8. The depth of water table it is estimated that the water table is within three feet from the surface of the ground in the surrounding area.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater no other facility present on the property for purposes of withdrawing ground water
10. The estimated amount of groundwater withdrawn each year 200,000.00 gallons
11. The log of formations encountered in the drilling of each well if available none 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 no other information available which would be helpful.

Signature of Owner

Date January 10, 1962

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

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

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

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
JAN 10 1962

Date

at 2:57 o'clock P.M.

J. L. LERNON

County Clerk and Recorder

By M. C. Nichols
Deputy

GW

File No. _____

DUPLICATE

T. R. _____

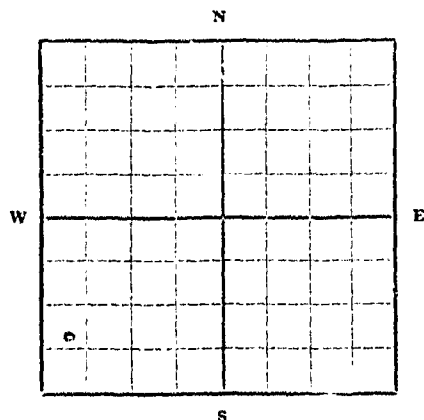
County, Cascade

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. Percy E. Ruf and Grace N. Ruf of 1615 Eleventh Avenue South, 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:



SW $\frac{1}{4}$, SW $\frac{1}{4}$,
NW $\frac{1}{4}$ / Sec. 13, T. 15 R. 7E.

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 is irrigation & domestic use for household, garden, and livestock.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been beneficial use as far as applicants know has existed definitely since 1957 and undoubtedly many years prior to this date. Use has been continuous according to applicants knowledge since 1957.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) approximately five gallons per minute or 300 gallons an hour.
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 water has been used for gardening purposes only within the immediate confine of residence located on the property, and has not been used for actual agricultural irrigation purposes.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal water comes from a spring and comes through a spring house by natural flow.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater spring house has been in an established place and in existence for a period of at least two years.
8. The depth of water table it is estimated that the water table is within three feet from the surface of the ground in the surrounding area.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater no other facility present on the property for purposes of withdrawing ground water
10. The estimated amount of groundwater withdrawn each year 100,000.00 gallons.
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 no other information available which would be helpful.

Signature of Owner

Date January 10, 1962.

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

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

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

1177

STATE OF MONTANA,
County of Cascade.

I hereby certify that the within in-
strument is a true and correct copy of the original as
the same is on file in this office.

JAN 10 1962

2:56 o'clock P.M.

J. E. LENNON

County Clerk and Recorder.

W. C. Scholz
Deputy.

County CASCADE

14

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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

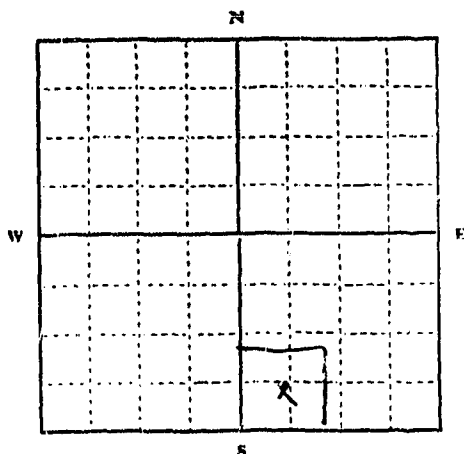
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.

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

For Administrator's Use

File 5300
July 15, 1971
4:25 Pm

GW 1



SE 1/4 SE 1/4 Sec. 14
T. 15N N R. 7E E
S W

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or esti-
mated unknown

Owner Florian J. Holsheimer
Address 2801 - 5th Ave. South, Great Falls, Montana
Contractor (if any) None
Address of Contractor
Date Started NA Date Completed NA

1. Describe means of obtaining groundwater (as by sub-irrigation,
developed spring, drains, etc.) Natural Spring

2. Means of withdrawing water (gravity, pump, canal, etc.) gravity

3. Depth of water table NA

4. Use of the water Human consumption and
irrigation

5. Amount of groundwater claimed (in miner's inches or gallons
per minute) 5 gallons a minute

6. If used for irrigation, give number of acres and description
of land 2 acres garden and lawn

7. Estimate amount of water used each year NA

8. Months of year spring flows 12

Signature of Owner

Florian J. Holsheimer
Date July 13, 1971

48759

5300

STATE OF MONTANA,)
County of Cascade.)

I hereby certify that the within in-
strument was filed in my office on
JUL 15 1971

at 4:25 P M

J. L. J. [Signature]
County Clerk and Recorder

By [Signature]
Deputy

County Conrad

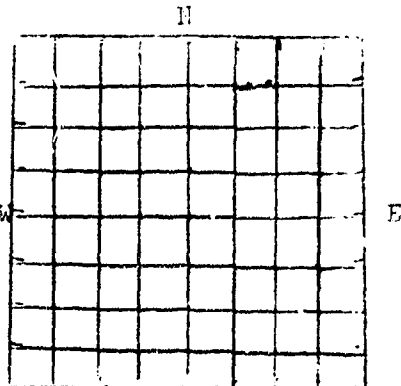
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

JAN 3 1964

STATE ENGINEER

1. Donald M. Holger, of Marathon (Name of Appropriator) (Address) (Town)
County of Silver Bow, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 14 T 15 R 7E
Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based
domestic use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1950
4. The amount of groundwater claimed (in miner's inches or gallons per minute)
50 gals per min.
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
elec. pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1950
8. The depth of water table 5'
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
12'
10. The estimated amount of groundwater withdrawn each year 150,000 gals.
11. The log of formations encountered in the drilling of each well if available
river 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
Book 1 Page 283 Line 12

Signature of Owner

Donald M. Holger
Date 12/31/63

STATE OF MONTANA) ss
COUNTY OF SILVER BOW)

Donald M. Holger having first been duly sworn,
depose and say that he of lawful age and
the appropriator and claimant of the order and water right mentioned in the
foregoing declaration of vested groundwater rights and the person whose name
subscribed thereto, as the appropriator and claimant that he know
the contents of said foregoing notice and that the matters and things therein stated are
true.

Subscribed and sworn to before me, this 31 day of December, 1963

Notary public for the State of Montana, residing at Helena, Montana

28650

4666

STATE OF MONTANA, }
County of Cascade.

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

JAN 3 - 1964

at 8:04 o'clock A.M.

J. L. LENTON

County Clerk and Recorder

By [Signature]
Deputy.

GW 3

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

File No.

T. R.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater..... 1963

Owner..... Address.....

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

.....

.....

.....

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.....

water for cattle

.....

.....

.....

Signature of Owner.....

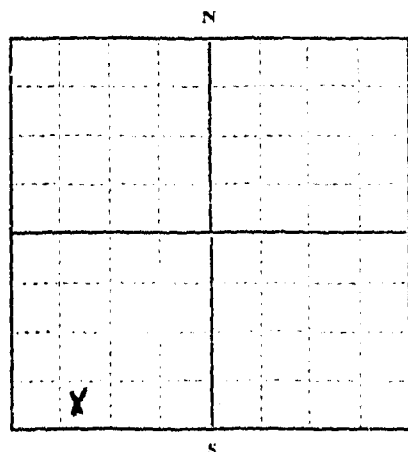
Dated Dec 20 1963

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.



SE 1/4 Sec 14 T15 R7E

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

3650

STATE OF MONTANA
County of Cascade
I hereby certify that the within
instrument was filed in the
DEC 20 1963
at 3:30 P.
F. J. [illegible]
[illegible]
[illegible]
[illegible]
[illegible]