

GROUNDWATER INDEX

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County Lincoln

Twp. 17 N.

Rge. 3E

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T. 17 R. 37

County San Diego

RECEIVED
JAN 2 1964

GRATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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

Set, $n \frac{1}{2}$ n s, $n \frac{1}{2}$ n E $\frac{1}{4}$

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.....
 3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
 4. The amount of groundwater claimed (in miner's inches or gallons per minute).....Three 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.....
 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
- tion of the construction of the well, wells, or other works for with-
drawal.....
- ce, size and depth of each well or the general specifications of any other
er
- withdrawn each year.....
- the drilling of each well if available.....
- ature as may be useful in carrying out the policy of this act, including
ty record.....

Date.....

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

28155

4167

OFFICE OF THE
TREASURER
RECEIVED
IN THE
AT 3:04 P.
AND DEPT.
NO.
J. L.
CLERK
BY *W. C. H. H. H.*

File No.

T. R.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Sept. 1961

Ernest Pribyl Eden Rte. Great Falls, Mont.
Date of Appropriation of Groundwater

Owner Address

Contractor (if any)
Sept. 1961 Sept. 25, 1961

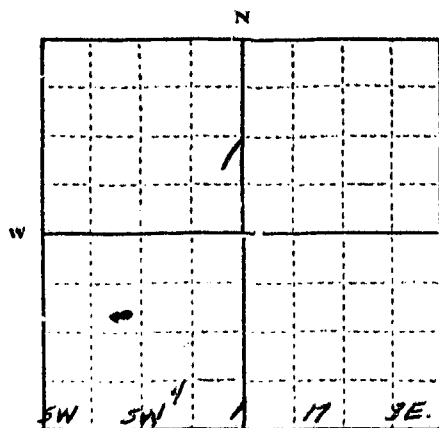
Address of Contractor

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.

Conveyed to concrete stockwater trough
with 42 L.F. of 1 1/4" I.D. galv. steel pipe.

Source of water is from fractures in rock outcropping.



1/4 Sec. T. R.

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

Quantity of water developed and used with explanation of methods used
to measure or estimate such amount. If use is intermittent
for livestock during fall & winter. Approx.
estimate approximate lengths of periods of use.
Amount of water is 5 gpm.

Ernest Pribyl
Dec 20-1963

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.

3641

STATE OF MONTANA, } ss.
County of Cascade.

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

DEC 20 1963

at 3:17 o'clock P.M.

J. E. LENNON

County Clerk and Recorder.

By

J. J. Schumacher
Deputy.

File No.

T. 17N. R. 3E.

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963

Notice of Completion of Groundwater Appropriation Without Well

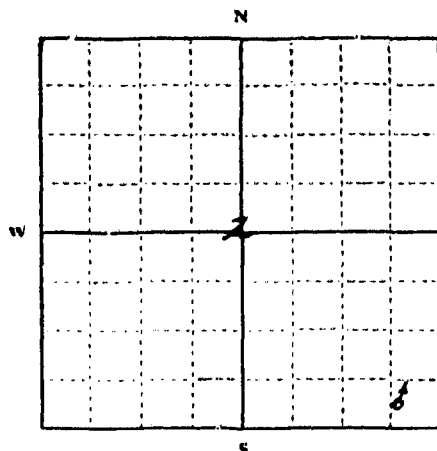
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater January 1963Owner Ernest Prigyl Address Eden Rte. Great Falls, Mont.Contractor (if any) None

Address of Contractor

Date Started January 10, 1963 Date Completed January 10, 1963

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. water conveyed directly from source with 2" dia. 10 L.F. pipe to tank. source of water from 4 springs flowing from fractured rock outcropping.

SE 1/4 Sec. 2 T. 17N. 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. water used for livestock. Approx. 15 gpm. water also supplies stockwater dam located 150' below springs. water used in fall, winter & spring seasons.

Signature of Owner Ernest PrigylDate 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.

3640

STATE OF MONTANA, } ss.
County of Cascade.

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

DEC 24 1933

at 3:15 o'clock P M

F. L. LENNON

County Clerk and Recorder

By

J. J. Oliver
Deputy

File No.

T. R.

DUPLICATE

County Cascade

LOG

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 Lloyd L. Loney Address Edson St. Great Falls, Mont. Driller Thomas B. Franklin Address Great Falls, Mont. Date of Notice of appropriation of groundwater Sept. 5, 1969 Date well started Oct. 7, 1969 Date completed Oct. 9, 1969 Type of well Drilled Equipment used Cable tools
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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

 0-15' Red Shale 15'-20' Water bearing shale rock 20'-32' Red Shale 32'-35' Red Canyon Rock S/2 SW 1/4 E

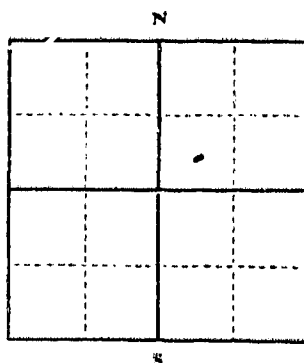
1/4 Sec. 3 T. 1 R. 3 E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

 35'-50' Red Shale

Show exact depth of bottom.

 50'

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u> 7 1/2 " </u>	<u> 6" I.D. 14 lbs. per ft. </u>	<u> Surface </u>	<u> 50' </u>	<u> Slotted 1/4" x 3" </u>	<u> 15' </u>	<u> 50' </u>

Static Water Level for non-flowing well 12 feet.Shut-in Pressure for Flowing Well None Pumping Water Level 50 feet at 12 gal. per minute.Discharge in gal. per min. of flowing well None How Tested Bail Length of Test 1 hr. Remarks: (Gravel packing, cementing, packers, type of shutoff) None

Time ft. of 8" I.D. casing in top of well to hold out loose formation.

(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).

Will also be used for irrigation of shrubs, trees and grass around lot or lots.

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.

84
Driller's License Number

Thomas B. Franklin
Driller's Signature

 15867

5192

STATE OF MONTANA, ss.
County of Cascade.

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

OCT 31 1969

at 4:25 of the P.M.

J. L. LENNON

County Clerk and Recorder

By R. E. Salen
Deputy

File No.

T. ... R.

DUPLICATE

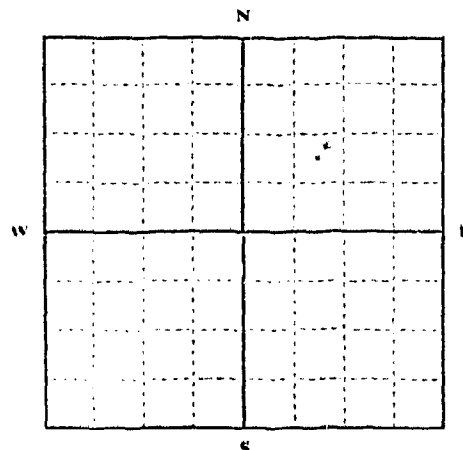
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Vernon Smiley of Eden 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:



SW 1/4 Sec. 4 T. 17 N. 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 Stock water and residential
3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1, 1945
Used continuous ever since for No. 1
May 10, 1950 and used continuous ever since No. 2
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gallons per minute well No. 2
20 gallons per minute well No. 1
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
1 acre SW NE 1/4 T. 17 N. R. 3 E
Vernon Smiley
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by pumps
SW NE Sec. 4 T. 17 N. R. 3 E for well No. 1
SW NE Sec. 4 T. 17 N. R. 3 E for well No. 2
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater No. 1 May 1, 1945 commencement and completed May 24, 1945
No. 2 commenced May 1, 1950 and completed May 19, 1950
8. The depth of water table 25 feet from 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
Well No. 1 casing drilled 28 feet deep
Well No. 2 drilled 14 feet and cased with 6 inch pipe
10. The estimated amount of groundwater withdrawn each year 500,000 gallons
11. The log of formations encountered in the drilling of each well if available
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

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

28606

2/621

STANDARD TIME

DEC 30 1900

at 450 1/2 M.

Commissioner of the General Land Office

By H. F. Syrett Deputy.

File No.

T. ... R. ...

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.....

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

Contractor (if any)

Address of Contractor

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

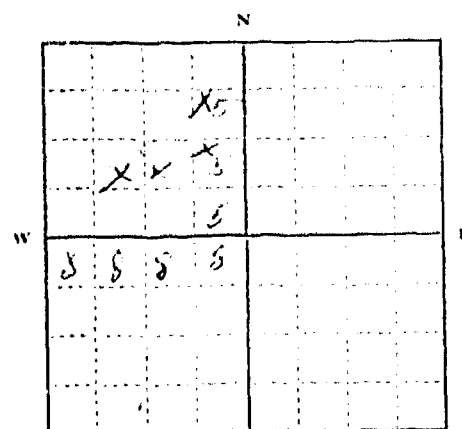
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.....

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.....

Signature of Owner.....

Date.....



1/4 Sec. 5 T. 17 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.

File No.....

T. 17 R. 3 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.....

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.....

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.....

Signature of Owner.....

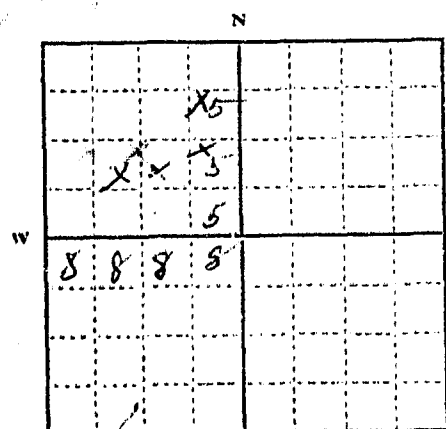
Date.....

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.



1/4 Sec. 5 T. 17 R. 3 E.

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

28562

4576 $\frac{1}{2}$

STATE OF MONTANA, } ss.
County of Cascade.

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

DEC 31 1963

Date

at 4:17 o'clock P. M.

J. L. LEITCHON

County Clerk and Recorder.

By H. C. Mahoney Deputy.

File No.

T. 17 R. 3 E

DUPLICATE

County Cascade

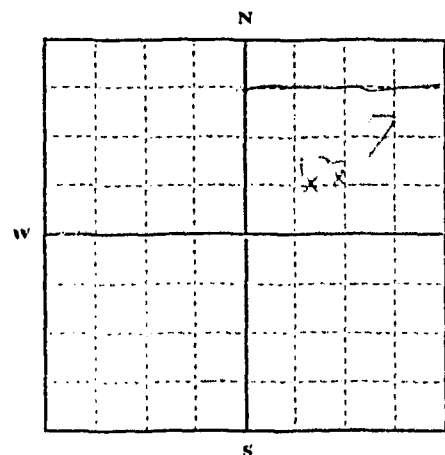
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 9 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Vernon W. Cox, of Milligan Pt Gr. 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:



Sec. 4 Sec. 2 T. 17 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 irrigating and watering cattle
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1900 on wells
1949 when it got the place
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 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
3 A. 54 ft. Sec. 2 T. 17 R. 3 E
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric Syntactical pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
8. The depth of water table 60' on #1 10' on #2
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 is 80' deep 8" drilled well
#2 is 20' deep 4" dug well
10. The estimated amount of groundwater withdrawn each year 75,000 gal
11. The log of formations encountered in the drilling of each well if available
Log may be available from Albert Young, Gr. Falls
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

Date Dec 3, 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.

28037

4052
4052

STATE OF MONTANA, ss.
County of Cascade
I hereby certify that the within in-
strument was filed in this office on
DEC 30 1966

1:02 o'clock P.M.

J. L. LENNON

County Clerk and Recorder

[Signature]
Deputy

File No.

T. 17 R. 3 E

DUPLICATE

County Lincoln

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964

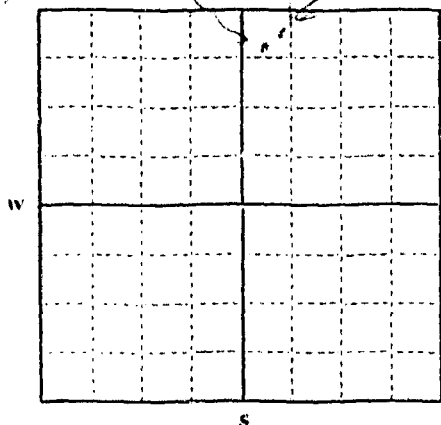
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. George E. Allen Markle of Milligan Ranch Great Falls
(Name of Appropriator) (Address) (Town)

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



NW 1/4 SE Sec. 8, T. 17 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 Willie house irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1947 from purchase and irrigation
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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 water used for garden lawn and irrigated in the same description as well as located
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric motor
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1947 when purchased the Ranch
8. The depth of water table 20 ft on line 15 ft on NW E
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 2 in diam 50 ft deep with 20 ft of water
Drilled well 2 in diam 50 ft deep 15 ft of water
10. The estimated amount of groundwater withdrawn each year 300 gal per year
11. The log of formations encountered in the drilling of each well if available Mr. Albert Tracy and Mr. Fred had the log of formation if necessary
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 George E. Allen MarkleDate Dec 20 1963

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

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

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

28100

4-1113

STATE OF MONTANA, } ss.
County of Cascade.

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

DEC 30 1963

at 2:00 ^{PM} o'clock 9 M.

J. L. LENNON

County Clerk and Recorder

By

134 Deputy

File No.

T. 17 N. R. 3 E.

DUPLICATE

County Cascade

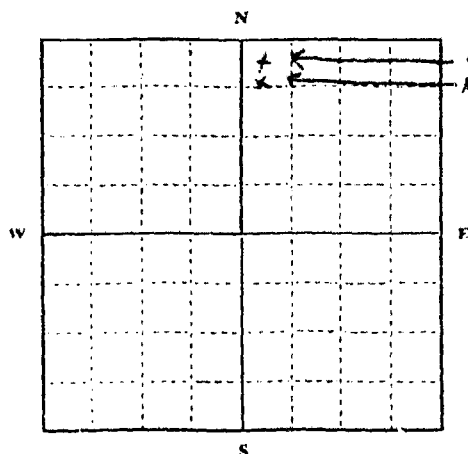
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 9 1964
STATE ENGINEER

1. Vernon Smiley, of Eden 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:



1/4 NE Sec. 7 T. 17 N. 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 used for
stock water
3. Date or approximate date of earliest beneficial use; and how continu-
ous the use has been May 1, 1945
was used continuously since
4. The amount of groundwater claimed (in miner's inches or gallons
per minute) 30 gallons per minute for both
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 By pumping
N.W. NE Sec. 7 Twp. 17 N. Range 3 E.
7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater May 1, 1945 Commencement May 20, 1945 Completed No 1
May 1, 1945 Commencement, Completed May 20, 1945 well No 2.
8. The depth of water table 60 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other
works for the withdrawal of groundwater drilled wells with 6 inch casing 36 feet
deep for both
10. The estimated amount of groundwater withdrawn each year 400,000 gallons
11. The log of formations encountered in the drilling of each well if available.
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including
reference to book and page of any county record

Signature of Owner

Vernon Smiley

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

28608

4623

STATE OF MONTANA,
County of _____
I hereby certify that the in-
strument was filed for record on
DEC 31 1908

at _____
M.

Com. Clerk of Court.

By h. J. Smith
Deputy.

File No.

T. 17 R. 3 E

DUPLICATE

County CASCADe

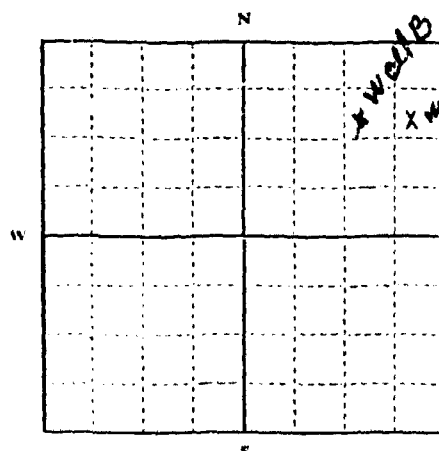
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Edward M and Marie Mayrey, of Eden 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:



N 1/4 E Sec. 11 T. 17 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. *for livestock*
Well A. *Well B not enough water*
for use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been. *Well A 1947 year*
ground use
Well B 1940 used until 1947
4. The amount of groundwater claimed (in miner's inches or gallons per minute). *Well A 20 gallons per minute*
Well B One half gallon per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.
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.
Well A Windmill used pump
Well B hand mill and pump until 1947
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. *Well A June 12 to June 18 1947*
Well B May 15 to 23 1940
8. The depth of water table. *Well A 75 ft. from bottom. Well B 18*
ft. from bottom
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 A depth 220 ft. 6 inch casing*
Well B 61 ft. 6 inch casing
10. The estimated amount of groundwater withdrawn each year. *Well A 150,000 gallons*
Well B 40,000 gallons
11. The log of formations encountered in the drilling of each well if available.
Well A, 0 to 125 ft. yellow-red-gray clay and rock ledge 135 to 172
gray lime shale breaks, 172 to 180 white lime rock gray hard
180 to 205 lime shale breaks 205 to 220 black sand, water
216 to 220 unable to lower with bailer. Well B Log 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 *Marie E. Mayrey*Date *Nov 21 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.

27792

352

STATE OF MONTANA. }
County of Cascade. }

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

DEC 27 1968
at 11:03 o'clock A M.

J. L. LENNON
County Clerk and Recorder.

By B. G. G. Deputy.

File No.

T. 17 R. 3 E

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 9 1961

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

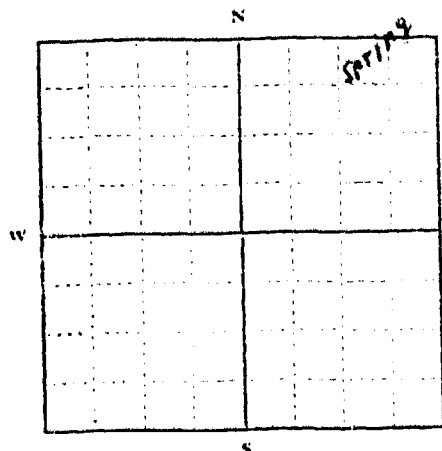
Date of Appropriation of Groundwater Early 1900'sOwner Edward M. MarkerAddress Eden Rte. Great Falls
MONTANAContractor (if any) NoneAddress of Contractor NoneDate Started UnknownDate Completed Unknown

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

Natural processesDepth about 18 inches

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 1 gallon every 5 minutes, at times
dries up completelyUsed about eight monthsEdward M. MarkerSignature of Owner Marie E. MarkerDate Nov 27 1963N. 1/4 E. Sec. 11. T. 17. 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.

27795

3806

STATE OF MONTANA,
County of Cascade.

I hereby certify that the within
instrument was filed in the office of

DEC 27 1963

at 11:26 AM 9

J. L. LEMKE
County Clerk and Ex.

By B. L. L. D

File No.

T. 17 R. 3 E

DUPLICATE

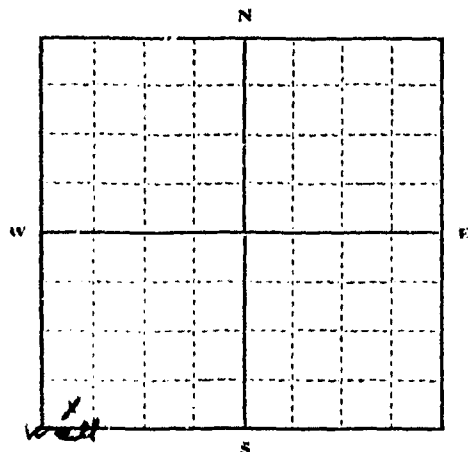
County CASCADE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

EDWARD M. and MARIE MARGY, of Eden 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:



S. 1/4 Sec. 12 T. 17 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 for dwelling and livestock use
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1900 used steady
4. The amount of groundwater claimed (in miner's inches or gallons per minute) five 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 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 Windmill and pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater on the 1900 year.
8. The depth of water table average of 12 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater depth 32 ft by three and one half in diameter.
10. The estimated amount of groundwater withdrawn each year About 60,000 gallons
11. The log of formations encountered in the drilling of each well if available none
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none available

Signature of Owner

Edward M. MargyDate 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.

27793

3804

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
DEC 27 1963

Date
at 11:04 o'clock AM.

J. L. LENTON
County Clerk and Recorder.

By B. L. L. Deputy.

File No.

DUPLICATE

T. 17 R. 3 E

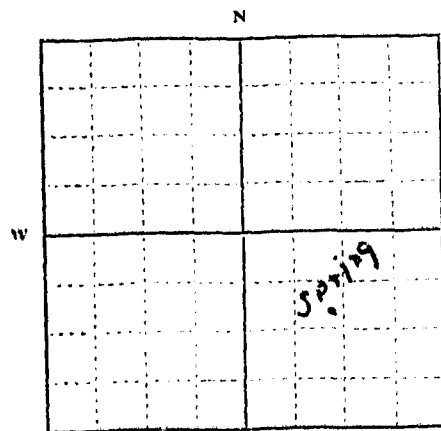
County Cascade

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 1910
Owner Edward M. Mayer Address Edo. RTE. Great Falls
Contractor (if any) None MONTANA
Address of Contractor None
Date Started Unknown Date Completed Unknown



S. 1/4 E. Sec. 12 T. 17 R. 3 E

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. Natural processes
Depth about 16 inches

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.

3 gallons per minute measured with
1 gallon container
Used throughout the year
Edward M. Mayer

Signature of Owner Marie E. Mayer

Date Dec 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.

27794

3865

STATE OF MONTANA, } ss.
County of Cascade.

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

DEC 27 1968

Date

at 11:05 o'clock 4 p.m.

J. L. LENNON

County Clerk and Recorder.

By B. L. L. Deputy

File No.

T. 17 R. 3E

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 1910
Owner Edward M. Mayer Address Eden Rte Great Falls
MONTANA
Contractor (if any) None
Address of Contractor None
Date Started Unknown Date Completed Unknown

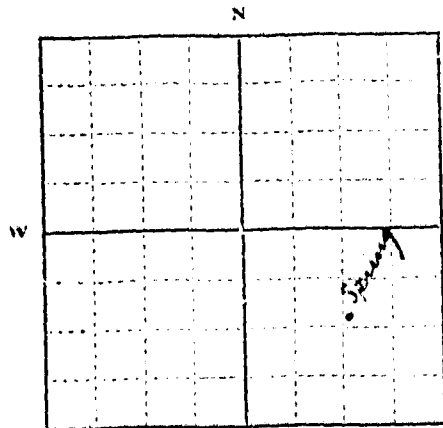
Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable.

Natural processes
Depth 18 inches
4 gallons per minute measured
with 1 gallon container

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 through out the year



S 1/4 E Sec 12 T. 17. R. 3E

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

Edward M. Mayer

Signature of Owner Edward M. Mayer

Date Jan 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.

27796

3807

STATE OF MONTANA
County of Cascade

I hereby certify that the foregoing instrument was filed in the office of the

DEC 27 1963

at 11:07 A.M.

B. L. Smith
County Clerk

File No. 4

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 15 N. R. 3 E.
County Cascade

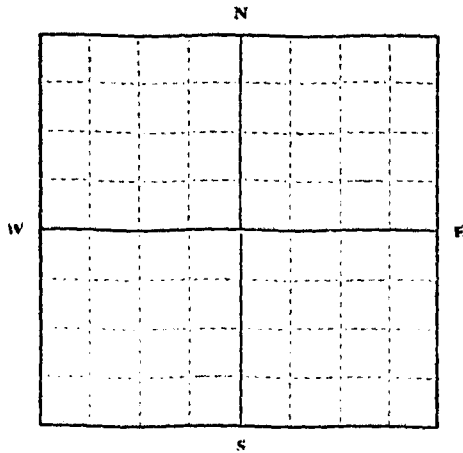
RECEIVED
DEC 17 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Herman Wuerl, of Iden 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:



$\frac{1}{4}$ Sec. 17 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 This water is used for the home and livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been September 1937
used continually
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Three 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
Overflow irrigates garden on ranch.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Windmill--
and electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater September 1937
8. The depth of water table One hundred 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 This is a drilled well with a six inch casing one hundred seventy feet deep. There is a two inch pipe and cylinder for pumping.
10. The estimated amount of groundwater withdrawn each year 144,000 Gallons
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None available

Signature of Owner

Herman Wuerl
Date Dec 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.

95-83

3505

STATE OF MONTANA, } ss.
County of Cascade.

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

DEC 1 1963

11:01 o'clock A.M.

L. LANNON

County Clerk and Recorder.

J. J. Schuman
Deputy.

File No.

DUPLICATE

T. 17N. R. 3E.

County Cascade

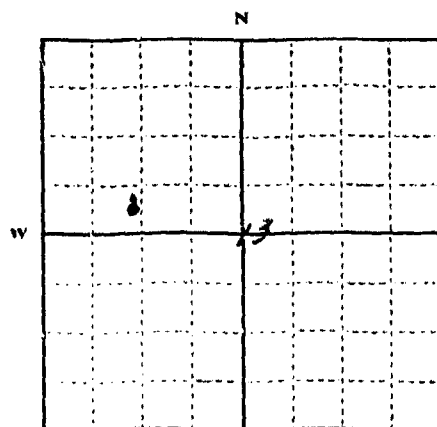
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater Sept. 1958
Owner Ernest Pribyl Address Eden Rte. Great Falls, Mont.
Contractor (if any) Dora Young
Address of Contractor Stockett, Montana
Date Started Sept. 1958 Date Completed Sept. 1958



SW 1/4 NW Sec. 13 T. 17N. R. 3E.

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- concrete collection box

& 211.5 ft. of 1 1/2" I.D. perforated galvanized pipe
at source of springs. Water from collection box

is conveyed to barn with 400 ft. of 1" dia. plastic pipe.
water from concrete collection box is conveyed to
dwellling with 500 ft. of 1" dia. galvanized pipe

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 is used
for farmstead & dwelling. Approx. amount
of water in each pipeline varies from
1 p.m. to 6 p.m. depending on season.

Signature of Owner

Date

Ernest Pribyl
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.

3642

STATE OF MONTANA, } ss.
County of Cascade.

I hereby certify that the within in-
strument was filed in this office on
DEC 20 1962

3:32 ~~3:47~~ P. M.

F. L. LUTTON

Clerk of Court and Recorder.

By

J. J. Johnson
Deputy.

File No.

T. 17N R. 3E

DUPLICATE

County Conrad

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 9 - 1956Owner William ConcoranAddress Elk Pt. ButteContractor (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 Springs

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

200 hundred gal per minute estimate. Used12 mo. per year

Signature of Owner

William Concoran

Date

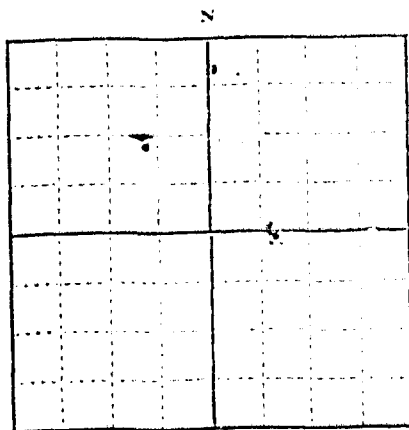
12/30/63

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.



3/4 Sec. 13, T. 17N, R. 3E

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

4533

RECORDED
TIME 2:43 PM
DOCUMENT NO. _____
J. L. LENNON
CLERK AND RECORDER
CASCADE COUNTY, MONTANA
BY [Signature] DEPUTY

File No.

T. 17 R. 3 East

DUPLICATE

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

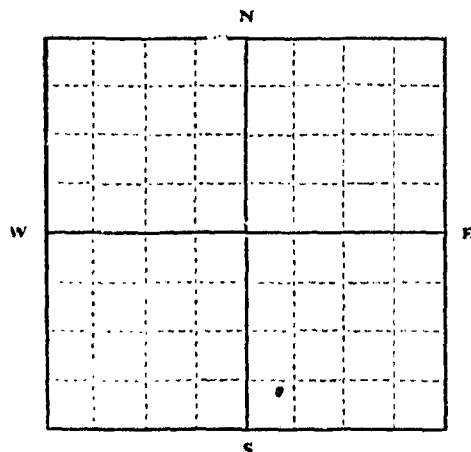
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Maurer, Joseph F. & Elizabeth L., of Eden 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:



SW 1/4 Sec. 14 T. 17 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. For water supply in School District No. 42 since 1945, previously for 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) 1 1/2 gallons per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Not used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Electric Pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well drilled in 1900. Electric pump installed in 1965.
8. The depth of water table. Approximately 35 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Drilled well, 6 inch casing, 35 feet deep. Electric pump for withdrawal.
10. The estimated amount of groundwater withdrawn each year. 36000 gallons per school year
11. The log of formations encountered in the drilling of each well if available. No log kept.
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

Elizabeth L. Maurer
Joseph F. Maurer
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.

28429

4443
~~4445~~

STATE OF MONTANA, } ss.
County of Cascade.

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

DEC 31 1902

at 1:10 ^{Date} 12:24 o'clock 3 M.

J. L. LENNON
County Clerk and Recorder.

By [Signature] Deputy.

File No.....

T.....17.....R.....S.E.....

DUPLICATE

County.....Cassida.....

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)

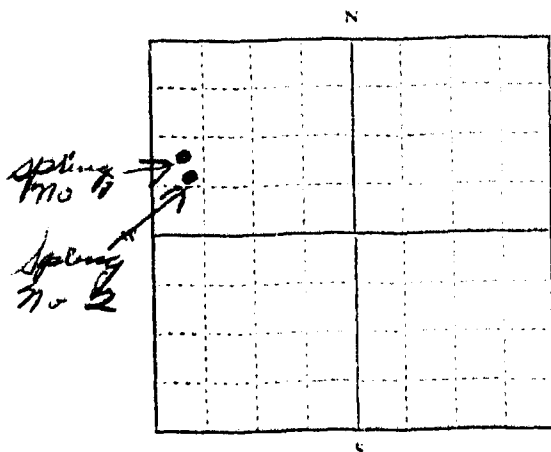
Date of Appropriation of Groundwater...Around 1880
Owner...Maurer, Joseph F. Address...Eden St. Great Falls, Mont.

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. Surface springs (2 individual springs--see location)



SW 1/4 Sec. 14.. T17.. R. S. 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...Spring #1 runs approximately 4 gallons per minute, and it is all used, either for stock water or irrigation. It is collected in an underground pit and piped to water trough. Spring #2 runs approximately 3 gallons per minute and is partly used for stock water. Both springs in constant use.

Signature of Owner...Elizabeth F. Maurer

Date...December 28, 1963

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

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

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

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

4441

STATE OF MONTANA, } ss.
County of Cascade.

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

DEC 31 1963

Date

at 10:08 o'clock M.

J. L. LENNON

County Clerk and Recorder.

By

Deputy

File No.

T. 17 R. 3 E

DUPLICATE

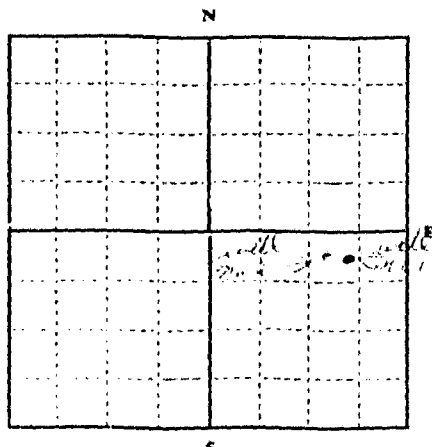
County Cascade

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. Maurer, Joseph F. & Elizabeth L., of Eden 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 Sec 16 T. 17 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 Stock water and farmstead use.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1 1892 Used continuously since
Well No. 2 drilled 1937 Used continuously since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Well No. 1 1 1/2 gallons per minute
Well No. 2 1 1/2 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
Well No. 1 used for home garden and yard. Owners same as above. Well no. 2--no irrigation.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well No. 1--Electric pump. Well No. 2 windmill and pump. with wooden storage tank.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well No. 1 1892. Electric pump installed in 1951
Well No. 2 1937
8. The depth of water table Well No. 1 7 feet. Well No. 2 60 feet.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well No. 1 Hand dug, walled with rocks, depth of 15 ft. 6 ft. in diameter, and electric pump for withdrawal. Well No. 2, drilled, 6" casing, 137' deep with windmill and pump for withdrawal.
10. The estimated amount of groundwater withdrawn each year Well No. 1 185,000 gal. No. 2 - 200,000
11. The log of formations encountered in the drilling of each well if available Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Not available

Signature of Owner

Joseph F. Maurer
Elizabeth L. Maurer

Date December 26, 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.

28430

4444

RECEIVED ON 1-11-1944
Office of the
Liberty of
Statistical
1-11-1944
E 141
P
Be

File No.

T 17 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)

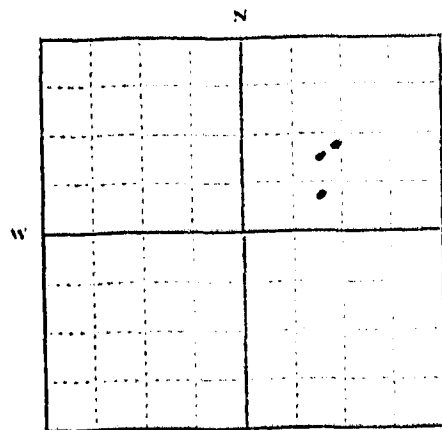
Date of Appropriation of Groundwater Around 1880
Maurer, Elizabeth L. &
Maurer, Joseph F.
Owner..... Address Eden St. Great Falls, Mont.

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. Surface springs (3 individual springs— see location)



SW 1/4 NE Sec. 16 T. 17 R. 3 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. Each spring runs approximately 1 1/2 gallons per minute and it is all used, either for stock water or irrigation. The water is collected in pits and piped to stock water tanks. Constant use.

Signature of Owner

Elizabeth L. Maurer
Joseph F. Maurer

Date December 26, 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.

4442

STATE OF MONTANA } ss.
County of Cascade }
I, the undersigned, Clerk of the County of Cascade, do hereby certify that the within and foregoing is a true and correct copy of the original as the same appears from the records of said County.
Witness my hand and the seal of said County at Helena, Montana, this 10th day of August, 1909.
Clerk of the County of Cascade.
By _____ Deputy.

File No.

T. 17 R. 35

DUPLICATE

County Conrad

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

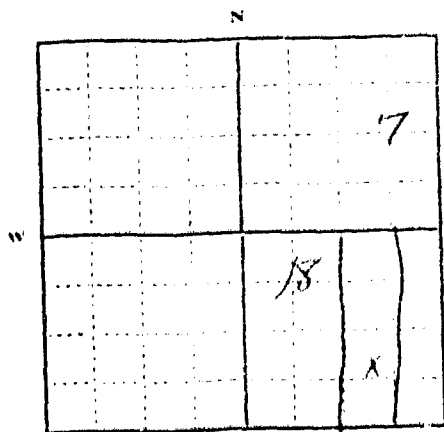
RECEIVED
JAN 9 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1949
Owner Kenley Cox Address Hilltop Rt G+F. 16
Contractor (if any) none
Address of Contractor
Date Started..... Date Completed.....

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



SE 1/4 Sec. 18 T. 17 R. 35

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.....

Year round use for livestock
Use in sub-irrigation and
surrounding area over 10 gpm.

Signature of Owner Kenley Cox

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.

4051

STATE OF MONTANA, } ss.
County of Cascade.

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

DEC 30 1901

at 1:01 o'clock P.M.

J. L. LENNON
County Clerk and Recorder

By [Signature]
Deputy

File No.

DUPLICATE

TX-17R 3E

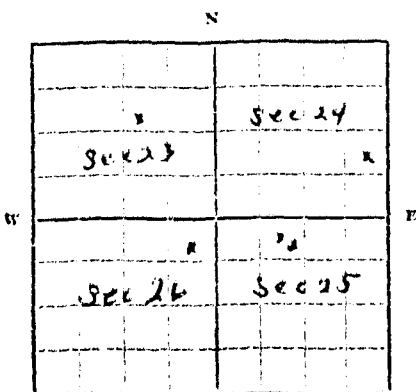
County Cascade

**STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER**

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John B. Steigmiller of Eden Rte 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:



X Marks Location of wells

~~1/4~~ Sec T17 R36

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 and personal
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Since I acquired the land. S. 2, Sec. 2, N. 4, S. 1, S. 2, S. 1, N. 4, N. W. 4, W. 2, N. E. 12, E. 3, S. E. 11, T. 16, N. 1, 1952. S. E. 4, W. 2, N. E. 1, N. E. N. W. 1, Sec. 13, S. 2, S. E. 1, Sec. 24, N. 2, N. W. 1, Sec. 25, N. E. 1, N. W. 1, S. E. 1, N. E. S. W. 1, Sec. 26 T. 17 R. 3 E. in 1959
4. The amount of groundwater claimed (in miner's inches or gallons per minute) Five wells - Eight gallons per minute each. 11 springs very questionable varies from season to season
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 water used for irrigation
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Two windmills two pressure systems, one well not used
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater All wells were constructed before I acquired the Ranch except one which I had drilled in 1952 and is on State land.
8. The depth of water table 25 to 95 feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater one well 176 feet, 6" casing. One well 175 feet, 6" casing. one well 96 feet with 6" casing one well 177 feet with 6" casing. One well 82 feet with 6" casing. All springs developed by pipe running to tanks from spring driving in size from 100 gal. to 500 gal.
10. The estimated amount of groundwater withdrawn each year 25500 gallons from wells
11. The log of formations encountered in the drilling of each well if available All logs are unavailable except one. Four wells were drilled about 1900 to 1910. The log of the well 2 had drilled by Ed Rayforty of Gt. Falls in 1952 is on record at Helena.
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

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.

Mine # 3081

STATE OF MONTANA }
County of Cascade

I hereby certify that the within in-
strument was filed in this office on
APR 11 1962

at 2:10 o'clock P.M.

J. L. LENNON

County Clerk and Recorder.

By

A. C. Nichols

Deputy.

File No.

T. 17 N. R. 3 E
County Cascade

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERRECEIVED
JAN 9 1964
STATE ENGINEERNotice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater March 9-1956Owner William Corcoran Address Elm St. Butte FallsContractor (if any) none

Address of Contractor

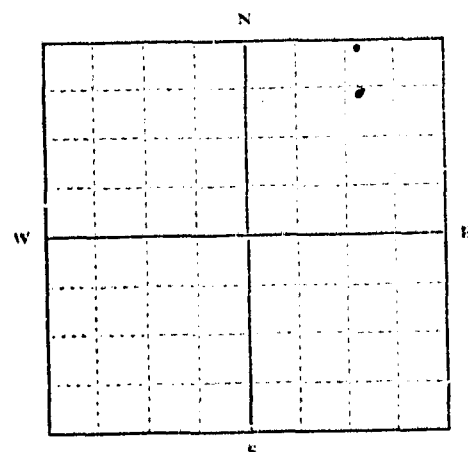
Date Started..... Date Completed.....

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

Natural springs

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.....

Twenty gallons per minute
estimate. Springs are
used intermittently 12 mo.
per year for stock waterSignature of Owner William CorcoranDate 12/30/63N.E. 1/4 N.E. Sec. 24 T. 17 R. 3 EIndicate 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
works are located.

Please answer all questions. If n

Original to the County Clerk
Bureau of Mines and Geology

with the County Clerk and Recorder of the county in which the

icable, so state, otherwise the form will be returned.

ler; duplicate to the State Engineer; Triplicate to the Montana
uplicate for the Appropriator.

4534

DEC 31 1958
RECORDED
TIME 2:44 P.M.
DOCUMENT NO. _____
J. L. LENNON
CLERK AND RECORDER
CASCADE COUNTY, MONTANA
BY [Signature]
DEPUTY

File No.

DUPLICATE

T 20N. R 3E.

County Cascade

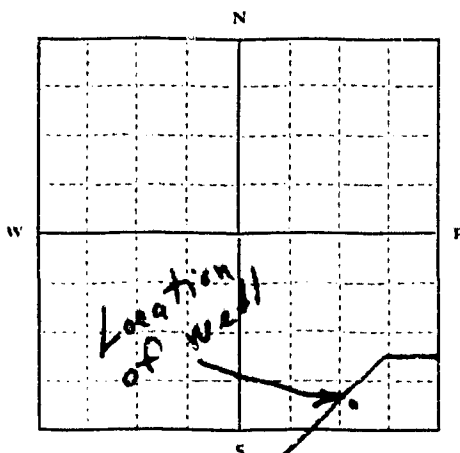
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 1 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Harold L. Collins, of Route #1 South Mt. 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 25 T. 20N 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 Domestic - garden & lawn.
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Sept. 1956 In continuous use.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 gallons 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 only + household.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Drilled with 6" casing 35' deep, with jet pump.
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started in Sept 17, 1956 - finished Sept. 22.
8. The depth of water table 35'
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 with 6" casing 35' deep using jet pump.
10. The estimated amount of groundwater withdrawn each year 182,500 (Est. 100 gal per person per day)
11. The log of formations encountered in the drilling of each well if available. 0 to 2' Sand 2' to 3' gravel 3' to 12' 4 to 20' gravel 20' to 30' - red shale - 30' to 38' - sand rock - 38' to 40' - red shale - 40' to 52' - sand 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 Lot 8a in Chick Creek Addition Cascade County.

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; Triuplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

28203

4215

From the main body of the

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of the main body of the

8119

Q

H. O. Field

File No.

T. 15 R. 3 E

DUPLICATE

County. *Lincoln*

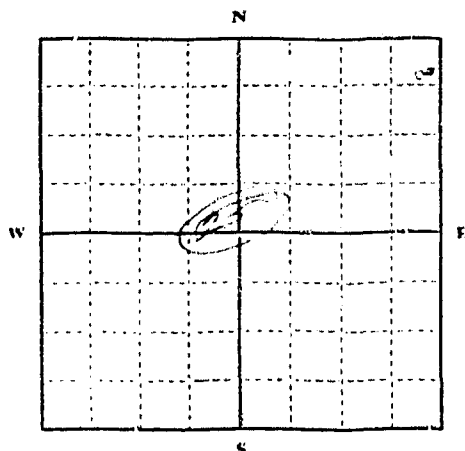
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 9 1964

Declaration of Vested Groundwater Rights

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

1. *Stewart E. Ray* of *Bozeman* *Bozeman*
(Name of Appropriator) (Address) (Town)
County of *Lincoln* 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.....
irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
since 1940
winter months
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
8. The depth of water table.....*40 ft.*
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
10. The estimated amount of groundwater withdrawn each year.....
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 *Stewart E. Ray*

Date *12/31/63*

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

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

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

28523

4588

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 9:25
AND DUVY RECORDED AS DOCUMENT

NO _____

J. L. LENNON
CLERK AND RECORDER

BY [Signature] DEPUTY

File No.

DUPLICATE

T. 17N R. 3E

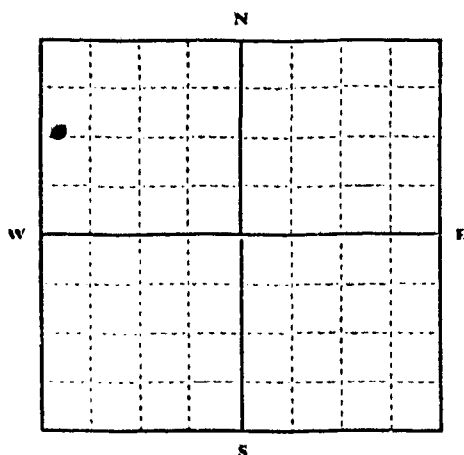
County CASCADE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. COLBY SHEEP CO., of MILLEGAN RT. 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:



NW 1/4 Sec. 29 T17N 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 STOCK WATER
3. Date or approximate date of earliest beneficial use; and how continuous the use has been CONTINUOUS USE SINCE 1910
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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 NONE
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ELECTRIC PUMP - BARRY CORRAGE
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1910
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 a dug well about 3 1/2 ft. in diameter and 25 feet deep.
10. The estimated amount of groundwater withdrawn each year 100,000 gal.
11. The log of formations encountered in the drilling of each well if available not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record none

Colby Sheep Co.
Signature of Owner Carl S. M. Kony, mgr.
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.

27800

3811

STATE OF MONTANA, } ss.
County of Cascade.

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

DEC 27 1962

at 11:11 o'clock 9 M.

E. L. LEMMON

County Clerk.

By

G. Kuo

Deputy.

File No.

DUPLICATE

T. 17 R. 3 E
County CascadeSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 9 1964

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 31 December 1963Owner Jerome S. Reardon Address Eden

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.....

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.....

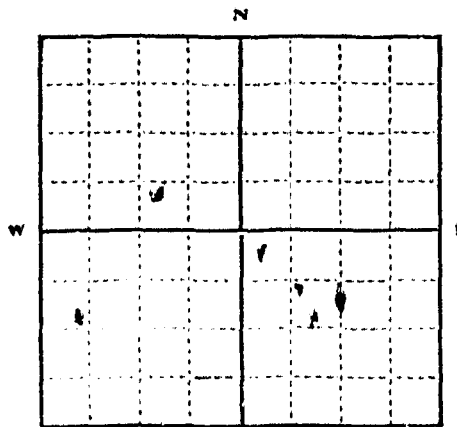
Signature of Owner Jerome S. ReardonDate December 31 1963

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.



..... 1/4 Sec. 13 T. 17 R. 3 E
Indicate point of appropriation
and place of use if possible.

45-13

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 2:20 P.M.
AND DULY RECORDED AS DOCUMENT

NO _____
J. L. LENNON
CLERK AND RECORDER
BY CB DEPUTY

File No.

T. 17 N. R. 3 E

DUPLICATE

County CASCADE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

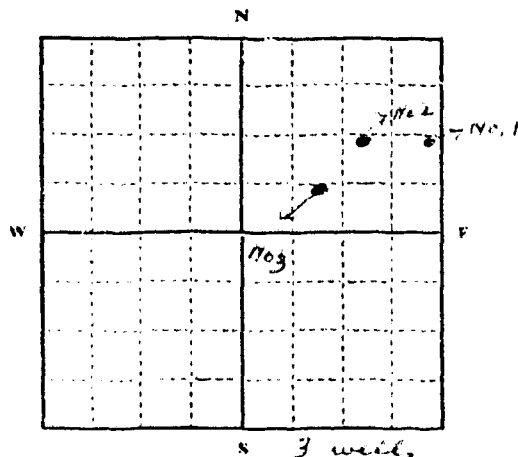
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. COLBY SHEEP CO., of MILLEAU RT, GREAT FALLS
(Name of Appropriator) (Address) (Town)

County of CASCADEState of MONTANA

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



NE 1/4 Sec. 30 T. 17 N. 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.
HOUSEHOLD USE & STOCK WATER
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.
No. 1 - CONTINUOUS USE SINCE ABOUT 1890
No. 2 - CONTINUOUS USE SINCE 1948
No. 3 - CONTINUOUS USE SINCE 1948
4. The amount of groundwater claimed (in miner's inches or gallons per minute). 5 gal. per min. for each of the three wells.
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.
IRRIGATION FOR LAWNS ONLY
ADJACENT TO HOUSE (No. 1 & No. 2)
No. 3 USED FOR STOCK WATER
6. The means withdrawing such water from the ground and the location of each other means of withdrawal.
ELECTRIC PUMPS (No. 1 & 2)
CASEY MOTOR PUMP No. 3
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. No. 1 1890 No. 2 1948 No. 3 1900
8. The depth of water table. No. 1 15 ft. No. 2 20 ft. No. 3 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.
Cash well is a dug well about 3 ft. in diameter
No. 1 20 ft. deep No. 2 25 ft. deep No. 3 30 ft.
10. The estimated amount of groundwater withdrawn each year.
No. 1 300,000 gal. per year
No. 2 75,000 gal. per year
No. 3 40,000 gal. per year
11. The log of formations encountered in the drilling of each well if available.
not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.
None

Colby Sheep Co.
Signature of Owner Carl J. Hamer, Jr.
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.

27798

3869

STATE OF MONTANA, } ss.
County of Cascade.

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

DEC 27 1962

Date

11 09 o'clock 9 M.

J. L. LENNON

County Clerk and Recorder.

By

B. Davis

Deputy.