

22

File No.

T. 14 N. R. 19 W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1968

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 2, 1957

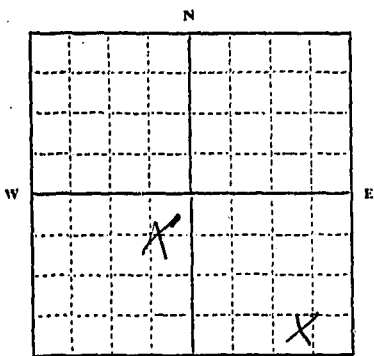
Owner Gille V. Vootan Address Missoula, Montana

Contractor (if any) None

Address of Contractor None

Date Started None Date Completed None

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



..... 1/4 Sec 22 T14N R19W
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.....

Approximately 100 miner's inches estimated

Signature of Owner [Signature]

Date 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.

20188

1068

215543

I received and filed this instrument for
record on the 31 day of Dec 1963
at 4:24 o'clock P. M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. REINER, County Recorder
By Ethel Lane Deputy
Fee \$ 2.00 Paid

GW 3

File No.

DUPLICATE

T14N R 19W 27
County MISSOULA

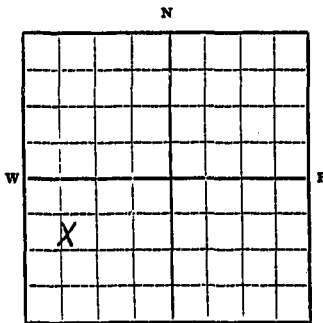
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1890
Owner LOUIS F. KINNEY Address RR. 2, MISSOULA
Contractor (if any)
Address of Contractor
Date Started Date Completed APPROX 1890



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

W 1/2 Sec. 27 T14N R19W

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

100 INCHES - CONTINUOUS

Signature of Owner *Louis F. Kinney*

Date 12-26-63

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.

585

214889

Copy

I received and filed this instrument for
record on the 26 day of Dec 1962
at 11:45 o'clock A.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BERNEK, County Recorder
By Martin S. Bernek Deputy
Fee \$ 2.00 Paid

27

File No.

T. 14N R. 19W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1958

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater July 2, 1957

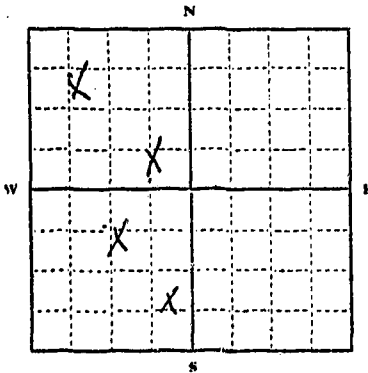
Owner Gille Y. Wooten Address Missoula, Montana

Contractor (if any) None

Address of Contractor None

Date Started None Date Completed None

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Four springs flowing through-
out the year by sub-irrigation, and also
by pipes to three of the 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.....

Measurement in one-inch pipes - continuous
flow. 150 miner's inches

..... 1/4 Sec. 27. T14N R. 19W
Indicate point of appropriation and place of use, if possible.

Signature of Owner Gille Y. Wooten

Date 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.

20187

1067

215542

I received and filed this instrument for
 record on the 31st day of Dec. 1903
 at 4:23 o'clock P.M., permanent files
 of Missoula County, State of Montana
 Witness my hand.
 MARTIN S. BEZNER, County Recorder
 By Chas. J. Stone Deputy
 Fee \$..... Paid

MISSOULA COUNTY, MONTANA
 RECORDERS OFFICE
 MISSOULA, MONTANA, 1903

27

File No. _____

T 14 N R 19 W

DUPLICATE

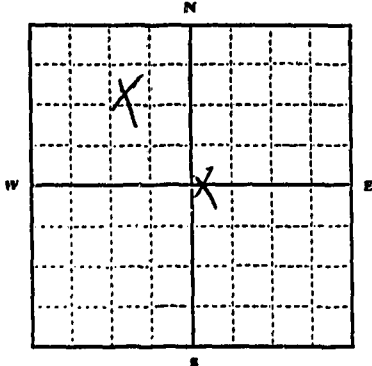
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1962

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

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



1/4 Sec. 27 T14 N R. 19 W
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based... stock water, domestic water, and irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been... July 2, 1957
4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 50 miner's inches
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... Meadow land and ranch headquarters
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... Pumping
See diagram for location

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... long prior to July 2, 1957
8. The depth of water table... Approximately 20 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... 40 feet deep, approximately 8 inches in diameter
10. The estimated amount of groundwater withdrawn each year... estimated 100 acre feet
11. The log of formations encountered in the drilling of each well if available... Not available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record... None known

Signature of Owner Gille V. Wooten
Date December 31, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

20190

I received and filed this instrument for
record on the 3rd day of Dec 1963
at 4:36 o'clock P.M. permanent files
of Missoula County, State of Montana
Witness my hand
MARTIN S. BISHNER, County Recorder
By: Ethel Lane Deputy
Fee \$ 2.00 Paid

File No. _____

T. 14N R. 19W

DUPLICATE

County Missoula

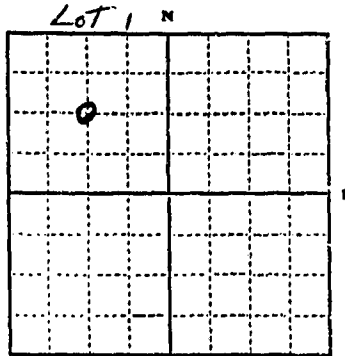
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Gille V. Vooten of 837 South Higgins Missoula
(Name of Appropriator) (Address) (Town)
County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1963, as follows:



Lot 1, Sunny Acres

1/4 Sec. T.14N R. 19W

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

- 2. The beneficial use on which the claim is based domestic water, livestock water, and irrigation of three acres
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been January 1, 1965.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 miner's inches
- 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 3.17 acres of meadow land
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pumping - See diagram for location

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater January 1, 1965
- 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 80 foot well, diameter 8 inches
- 10. The estimated amount of groundwater withdrawn each year 18 acre feet
- 11. The log of formations encountered in the drilling of each well if available shale, loam, and gravel
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Not applicable

Signature of Owner [Signature]

Date December 31, 1963

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

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

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

20189

1069

213-5-44

I received and filed this instrument for
record on the 3rd day of December
at 4:25 o'clock PM permanent files
of Missoula County, State of Montana
Witness my hand
MARTIN S. EMINER, County Recorder
By Chal. Rame Deputy
Fee \$2.00 Paid

File No.
DUPLICATE

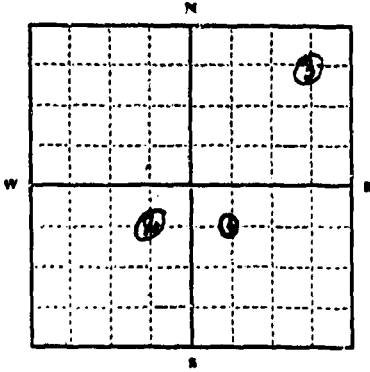
T. 14^N R. 19^W
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

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

1. GRANT CREEK RANCH CORPORATION, of P. O. Box 1519, MISSOULA
(Name of Appropriator) (Address) (Town)
County of MISSOULA State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 28 T. 14^N R. 19^W
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based.....
Stock water and irrigation water
 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Continuous use since the date of early settlers in Missoula area, about 1850.
 4. The amount of groundwater claimed (in miner's inches or gallons per minute). Spring No. 1 20 inches } Total: 50 inch.
" " 2 15 inches }
" " 3 15 inches }
 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. Undetermined acreage on hillsides and in fields adjacent to springs, owned by Grant Creek Ranch Corporation
 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. Pipe, trenching, and natural flow.
Locations: see below
 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Development and improvement of springs has been continuous for more than one hundred years
 8. The depth of water table. not applicable
 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. not applicable
- Location information requested in Item 6:
Spring No. 1 NW 1/4 SE 1/4 Section 28 - 14^N - 19^W
Spring No. 2 NE 1/4 SW 1/4 " " " " " "
Spring No. 3 NE 1/4 NE 1/4 " " " " " "
10. The estimated amount of groundwater withdrawn each year. Same as groundwater claimed - see (4) above
 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.

GRANT CREEK RANCH CORPORATION
Signature of Owner: *Charlotte Red Market*
Secretary-Treasurer
Date: 19 December 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.

664 215043

I received and filed this instrument by
recording on the 27th of 12 1963
at 1:30 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand
M. S. BEYER, County Recorder
By *[Signature]* Deputy
Fee \$ *2.00* Paid

5

File No.

T. 14 R. 19 W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 29 1963

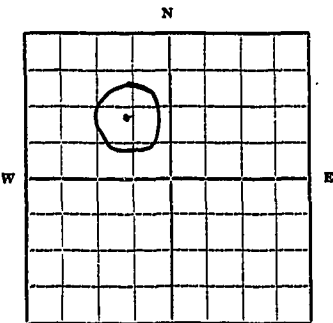
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

Robert A. Peterson of Route #2 Missoula
(Name of Appropriator) (Address) (Town)

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



S 1/4 NW 1/4 NW 1/4 SW 1/4 PLAT N
1/4 Sec. 28 T. 14 R. 19 W

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

- 2. The beneficial use on which the claim is based domestic + irrigation water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1, 1956 continuous since
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 miner inches
- 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 acres in SW 1/4 NW 1/4 NW 1/4 SW 1/4 PLAT N Sec 28 in NE 1/4 SE 1/4 of SW 1/4 NW 1/4 PLAT R Sec 29 T. 14 - R. 19 W
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal PIPED TO LAND

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater SPRING, DOES NOT APPLY.

8. The depth of water table DO NOT KNOW.

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

10. The estimated amount of groundwater withdrawn each year 250,000 GALS PER YEAR.

11. The log of formations encountered in the drilling of each well if available DOES NOT APPLY.

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record DO NOT KNOW.

Robert A. Peterson Signature of Owner Robert A. Peterson
August 27, 1963 Date August 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.

252

210140

I received and filed this instrument for
 record on the 27 day of Aug, 1963
 at 2:00 o'clock P. M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
MARTIN S. BEHNER, County Recorder
 By John J. Keller, Deputy
 Fee \$ 2.00 Paid

MISSOULA COUNTY RECORDS

MISSOULA COUNTY RECORDS

MISSOULA COUNTY RECORDS

MISSOULA COUNTY RECORDS

MISSOULA COUNTY RECORDS
 MISSOULA, MONTANA
 AUG 27 1963
 DEPT. OF REVENUE

DUPLICATE

MISSOULA COUNTY RECORDS
 MISSOULA, MONTANA
 AUG 27 1963
 DEPT. OF REVENUE

File No.

T. 14 R. 17 28

DUPLICATE

County Missoula

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

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

21 clay and gravel

24 yellow clay and gravel

33 clay, gravel and water

72 Show exact depth of bottom.

Owner Robert Peterson Address Grant Creek

Driller Kane Well Drilling Address St. Regis, Mont.

Date of Notice of appropriation of groundwater Aug. 10, 1962

Date well started Aug. 12, 1962 Date completed Aug. 20, 1962

Type of well Drilled Equipment used Churn Drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" id	6"x .250	0	78	Does not apply		

N

x		
W		E

S

Static Water Level for non-flowing well 75 feet.

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

Pumping Water Level..... 78 feet

at..... 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested bailed and pumped

Length of Test..... 2 hours

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

S W 1/4 NW 1/4 Sec. 28 T. 14 R. 17

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

NW 1/4 SW 1/4 NW 1/4 SW 1/4
NW 1/4 SE 1/4 SE 1/4 NW 1/4 (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).

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 25

Driller's Signature Eugene J. Kane

44,565

1820

274532

I received and filed this instrument for
 record on the 11th day of Sept. 1960
 at 10:55 A.M. permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Verance H. Crouse, County Recorder
 By *M. M. Conroy* Deputy
 Fee \$2.00 *Paid*

MONTANA WATER RESOURCES BOARD
RECEIVED
 SEP 13 1960

Printed Name of Applicant
 Amount of Fee
 Date of Filing

329

File No.

T. 14^N R. 19^W

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

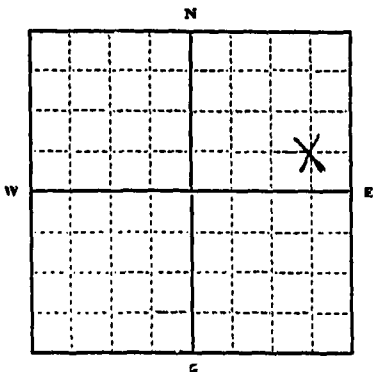
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

GRANT CREEK RANCH CORPORATION, of P. O. Box 1519, MISSOULA
(Name of Appropriator) (Address) (Town)

County of MISSOULA State of MONTANA

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



NE 1/4 Sec. 29, T14N. R19W

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

- The beneficial use on which the claim is based.....
Domestic water, stock water, & irrigation.....
- Date or approximate date of earliest beneficial use; and how continuous the use has been. December, 1956,
with continuous use.....
- The amount of groundwater claimed (in miner's inches or gallons per minute).....75 gallons per minute.....
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
~~Ten acres in and around ranch headquarters, owned by Grant Creek Ranch Corporation~~.....
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Well with electric pump and pressure tank,
located in SE 1/4 NE 1/4 Section 29, T14 N, R19 W.....
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. October, 1956, and subsequent weeks; completion in 1956.....
- The depth of water table. Seventeen feet.....
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
Drilled well, 56 feet deep, with 6 in. casing,
electric pump and pressure tank.....
- The estimated amount of groundwater withdrawn each year. Up to 75 gallons per minute.....
- The log of formations encountered in the drilling of each well if available.....
0 - 18 feet Loose rock and boulders
18 - 28 feet Sand, Gravel and boulders
Below 28 feet Red shale.....
- 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.....

GRANT CREEK RANCH CORPORATION

Signature of Owner. *Christie Red Marbut*
Secretary-Treasurer

Date. 19 December 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.

15272

269

215048

copy

I received and filed this instrument and
record on the 27 day of Dec 1963
at 4:46 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEYNER, County Recorder
By Ethel Lane Deputy
Fee \$ 2.00 Paid

File No.

T. 14^N R. 19^W

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

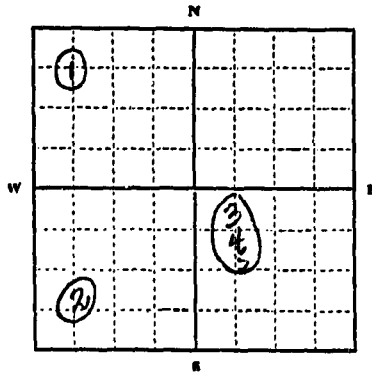
(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. GRANT CREEK RANCH CORPORATION, of P. O. Box 1519, MISSOULA
(Name of Appropriator) (Address) (Town)

County of MISSOULA State of MONTANA

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



1/4 Sec. 29, T24N R. 19W

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 irrigation water.....

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
Continuous use since the date of early settlers in Missoula area, about 1860.....

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Total for five springs - 60 inches.....
(see below for detail).....

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.....
Undetermined acreage on hillsides and in fields adjacent to springs, owned by Grant Creek Ranch Corporation.....

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Pipe, trenching, and natural flow.....
Locations: see below.....

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
Development and improvement of springs has been continuous for more than one hundred years.....

8. The depth of water table. Not applicable.....

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
Not applicable.....
Amount claimed Spring 1 NW 1/4 NW 1/4 Section 29 - 14N - 19W 20 inches
and locations " 2 SW 1/4 SW 1/4 " " " " 10 inches
of springs: " 3 } NW 1/4 SE 1/4 " " " " 10 inches
" 4 } " " " " 10 inches
" 5 } " " " " 10 inches

10. The estimated amount of groundwater withdrawn each year. Same as groundwater claimed see (4) above

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.....

GRANT CREEK RANCH CORPORATION
Signature of Owner. *Quillette Red Markot*
Secretary-Treasurer
Date 19 December 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.

I received and filed this instrument for
record on the 27th of Dec 1967
at 1:30 clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand
M. S. HINER, County Recorder
By: [Signature] Deputy
Fee \$ [Signature] Paid

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOV 4 1972

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.

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 Gary R. Marbut

Address P.O. Box 1519

Missoula, Montana

Date well started Oct. 26

completed Nov. 1, 1971

For Administrator's Use	
File #	<u>2208, 3/6002</u>
Date	<u>April 28, 1972 3:20pm</u>
GW 1	

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

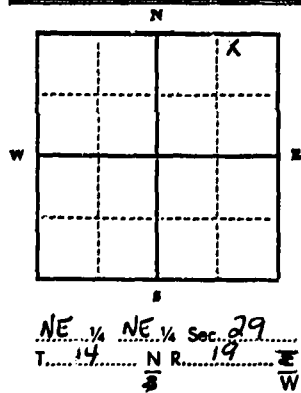
Equipment used Churn drill
(Churn drill, rotary or other)

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

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

ESTIMATED ANNUAL WITHDRAWAL 2,500,000 Gallons

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 17# 1 up	1	30	----	----	----



Static water level 12 ft.*
Pumping water level 15 ft.*
at 20 gallons per minute,
measured 60 minutes after pumping
began.
*Measured from ground level.
Well developed by Bailer
for 3 hours.
Power 220V.a. Pump 1 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) _____

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

Driller's Signature Charles J. Hellen

Driller's Address C.K.C. Drilling, P.O. Box 670,

Missoula, Montana LICENSE NO. 185

Top of Ground (Elev. above sea level)		
From (Feet)	To (Feet)	
0	12	<u>Cobbles, sand, and gravel</u>
12	19	<u>Clay and gravel</u>
13	13	<u>Static water level</u>
19	21	<u>Sand, gravel, and water</u>
21	30	<u>Clay, sand and gravel</u>
30	31	<u>Sand, gravel and water</u>
31	34	<u>Clay, sand and gravel</u>

34 Show exact depth of bottom

2268

316007

I received and filed this instrument for
record on the 22 day of April, 1972
at 2 o'clock P.M., permanent files
of Missouri County, State of Missouri.
Witness my hand
Vernon A. Crease, County Recorder
By Michael J. [Signature] Deputy
For \$ 2.12 Paid OK.

GW:

File No. _____

DUPLICATE

T. 14 R. 19 30, 31

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 3 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

SW 1/4 Sec. 30 T 14 R 19
SE 1/4 Sec. 30 T 14 R 19
NW 1/4 Sec. 31 T 14 R 19

Date of Appropriation of Groundwater 12-26-63

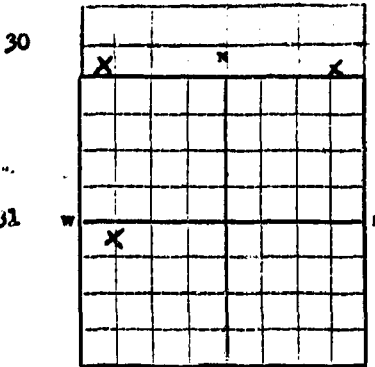
Owner G. Elmer Flynn Address Route # 2, Missoula, Mont.

Contractor (if any) None

Address of Contractor None

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. Artesian piped to trough



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 Springs
4 gallon a minute -Used continually for stockwater

SW 1/4 Sec 30 T 14 R 20
SE 1/4 Sec 30 T 14 R 20
NW 1/4 Sec 31 T 14 R 19
Indicate point of appropriation and place of use, if possible.

Signature of Owner G. Elmer Flynn
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.

20314

1195

Copy
I received and filed this instrument for
recording on the 11th day of Dec. 19 63
at Helena, City of Helena, permanent files
of Missoula County, State of Montana
Witness my hand:
By *Martin* County Recorder
Paid

File No.

T. 14^N R. 19^W E. 30

DUPLICATE

County

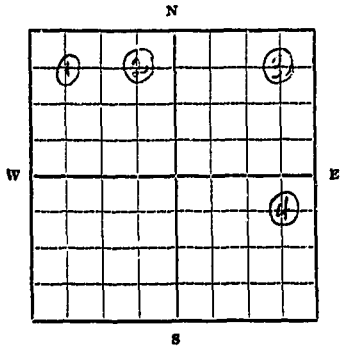
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963

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

STATE ENGINEER

1. GRANT CREEK RANCH CORPORATION, of P. O. Box 1519 MISSOULA
(Name of Appropriator) (Address) (Town)
County of MISSOULA State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



.....1/4..... Sec. 30, T14N R. 19W
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 irrigation water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous use since the date of early settlers in the Missoula area, about 1860
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) Total for four springs - 90 inches (see below for detail)
- 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 Undetermined acreage on hillsides and in fields adjacent to springs, owned by Grant Creek Ranch Corporation
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Pipe, trenching and natural flow.
Locations: see below

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Development and improvement of springs has been continuous for more than one hundred years

8. The depth of water table not applicable

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

Amount claimed	<u>SPRING 1</u>	<u>NW 1/4 NW 1/4</u>	<u>Section 30-14N-19W</u>	<u>30 inches</u>
and locations	<u>" 2</u>	<u>NE 1/4 NW 1/4</u>	<u>" " " "</u>	<u>30 inches</u>
of springs:	<u>" 3</u>	<u>NE 1/4 NE 1/4</u>	<u>" " " "</u>	<u>20 inches</u>
	<u>" 4</u>	<u>NE 1/4 SE 1/4</u>	<u>" " " "</u>	<u>10 inches</u>

10. The estimated amount of groundwater withdrawn each year Same as claimed - 90 inches

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.....

GRANT CREEK RANCH CORPORATION
Signature of Owner Charlotte Reed Marbut
Secretary-Treasurer
Date 19 December 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.

662 215041

I received and filed this instrument for record on the 12th day of Dec 1967 at 11:30 A.M. permanent files of Missoula County, State of Montana
Witness my hand
M. RAY S. BEAVER, County Recorder
By: [Signature] Deputy
Fee \$ [Signature] Paid

MISSOULA COUNTY RECORDER
1000 BANKERS BUILDING
MISSOULA, MONTANA 59801

RECEIVED
DEC 12 1967

File No.

T 14^N R 19^W 32

DUPLICATE

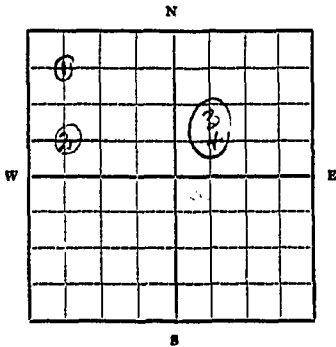
County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
Declaration of Vested Groundwater Rights
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
DEC 30 1963

STATE ENGINEER

1. GRANT CREEK RANCH CORPORATION, of P. O. Box 1519, MISSOULA
(Name of Appropriator) (Address) (Town)
County of MISSOULA State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 32 T. 14N R. 19W

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 irrigation water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous use since early settlement of the Missoula area, in about 1860
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) Total for four springs - 60 inches (see below for detail)
- 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 Undetermined acreage on hillsides and in fields adjacent to springs, owned by Grant Creek Ranch Corporation
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pipe, trenching, and natural flow. Locations: see below

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Development and improvement of springs has been continuous for more than one hundred years

8. The depth of water table not applicable

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

Amount claimed	Spring 1	NW 1/4 NW 1/4	Section 32-14N-19W	15 inches
and locations	" 2	SW 1/4 NW 1/4	" " "	15 inches
of springs:	" 3	SW 1/4 NE 1/4	" " "	15 inches
	" 4	SW 1/4 NE 1/4	" " "	15 inches

10. The estimated amount of groundwater withdrawn each year Same as claimed - 60 inches

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

GRANT CREEK RANCH CORPORATION

Signature of Owner Quarati Ross Markert
Secretary-Treasurer
Date 19 December 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.

15264

661 215040

I received and filed this instrument
record on the 27 day of Feb 1963
at 4:32 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand
By W. G. BRINER County Recorder
John J. [unclear] Deputy
Fee \$ 1.00 Paid

City of Missoula to show how and in what way the property was sold to the City of Missoula
and to show how and in what way the property was sold to the City of Missoula
and to show how and in what way the property was sold to the City of Missoula

33

File No.

T. 14^N R. 19^W

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

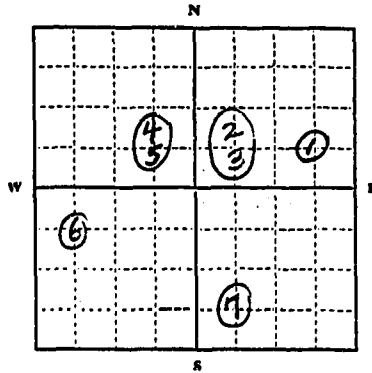
RECEIVED
DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. GRANT CREEK RANCH CORPORATION, of P. O. Box 1519 MISSOULA
(Name of Appropriator) (Address) (Town)

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



1/4 Sec 33 T4N. R19W.

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 irrigation water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
Continuous use since early settlement of Missoula area, in about 1860.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Total for seven springs—110 inches
(see below for detail)

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
Undetermined acreage on hillsides and in fields adjacent to springs, owned by Grant Creek Ranch Corporation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
Pipes, trenching, and natural flow.
Locations: see below

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Development and improvement of springs has been continuous for more than one hundred years

8. The depth of water table not applicable

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

Amount claimed Spring 1 SE 1/4 NE 1/4 Section 33-14N-19W 15 in.
and locations " 2 E. 3 SW 1/4 NE 1/4 " " " " 30 in. (15 each)
of springs: " 4 E. 5 SE 1/4 NW 1/4 " " " " 30 in. (15 each)
" 6 NW 1/4 SW 1/4 " " " " 15 in.
" 7 SW 1/4 SE 1/4 " " " " 20 in.

10. The estimated amount of groundwater withdrawn each year.....
same as groundwater claimed- 110 in.

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.....

GRANT CREEK RANCH CORPORATION
Signature of Owner *Ullrich Reed Warbur*
Secretary-Treasurer
Date 19 December 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.

15263

660

2150 79

I received and filed the instrument for
record on the 27th day of Dec 1963
at 4:45 o'clock P.M. permanent files
of Missoula County, State of Montana
W/ my hand
MARTIN S. BRUNER, County Recorder
By *[Signature]* Deputy
Fee \$ 2.00 Paid

File No. _____

DUPLICATE

SW
11

34
T 14 N R 19 W
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

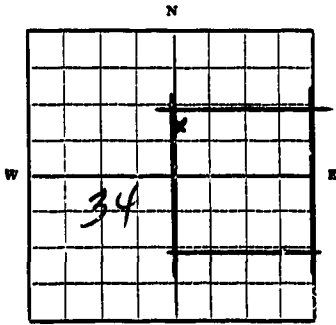
RECEIVED
JUL 26 1963

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

STATE ENGINEER

Walter B. Cox Evelyn S. Cox of 2800 Maurice Missoula
(Name of Appropriator) (Address) (Town)

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



SW
NE 1/4 Sec 34 T 14 N R 19 W

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

2. The beneficial use on which the claim is based Household use, stock water and irrigation water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since appropriation Oct 3, 1900 by James H. Chapman

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 inches miners

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 owners Walter B. & Evelyn S. Cox

SW 1/2 NE 1/4 Section 34 T14N R19W

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

Spring

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Reservoir and pipe + ditch since Oct 3 1900

8. The depth of water table Not known Not applicable

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:

reservoir and 2" pipe

10. The estimated amount of groundwater withdrawn each year 10 inches

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act including reference to book and page of any county record.

Notice of Water Right dated Oct 3 1900 filed Oct 3 1900 in Book "E" Water

Rights page 449

Signature of Owner Walter B. Cox Evelyn S. Cox

Date March 4 1963

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

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

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

#222 Copy 208797

I received and filed this instrument for
record on the 24th day of July, 1943
at 2:05 o'clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By Alvina Herman Deputy
Fee \$ 5.00 Paid

File No. _____

DUPLICATE

51W?

T. 14N R. 19W
County Missoula

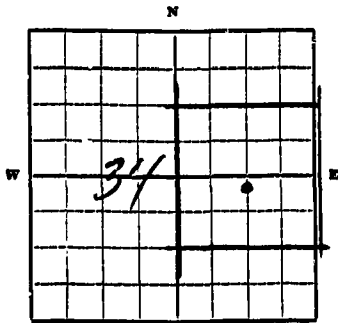
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 26 1963

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

Walter B. Cox & Evelyn S. Cox of 2800 Maurice Missoula
(Name of Appropriator) (Address) (Town)

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



5 1/2 NE 1/4
N 1/2 SE 1/4 Sec 34 T. 14N R. 19W

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 Stock Water & irrigation water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous since appropriation by James Chapman Oct 30 1900

4. The amount of groundwater claimed (in number of inches or gallons per minute) 4 inches

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 5 1/2 NE 1/4 N 1/2 SE 1/4 Sec 34 T. 14N R. 19W Owner Walter B & Evelyn S. Cox

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Spring as located on diagram

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

8. The depth of water table Not Known Not applicable

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 reservoir and 1 inch pipe

10. The estimated amount of groundwater withdrawn each year 4 Inches

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Notice of Water Right Issued Oct 3 1900, filed Oct 3 1900 in Book E

Water Rights page 449

Signature of Owner Walter B Cox
Date March 4 1963

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

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

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

#223

Copy 208798

I received and filed this instrument for
 record on the 21st day of July, 1903
 at 11.00 o'clock A.M. permanent files
 of Missoula County, State of Montana
 Witness my hand,
 MARTIN S. BEHNER, County Recorder
 By Edward Herman, Deputy
 Fee \$ 0.00 Paid

T14N R19W
County, Missoula

DUPLICATE

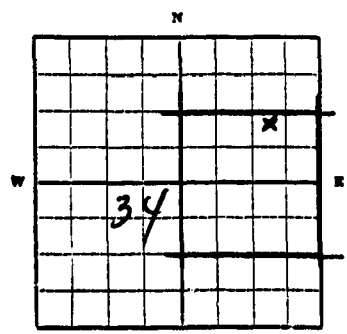
SW

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 26 1963

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

1. Walter B. Cox, Evelyn S. Cox of 2800 Maurice Missoula
(Name of Appropriator) (Address) (Town)
County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



5/2
NE 1/4 Sec. 34 T14N R19W

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 Household, Stock water irrigation water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Continuous since appropriation by James Chipman on October 3, 1900

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 miner's inches

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 owner Walter B + Evelyn S. Cox 5/4 NE 1/4 Sec 34 T14N R19W

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal reservoir pipes and trough & ditch

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Not applicable, this is a spring

8. The depth of water table Not applicable

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Not applicable 2 inch pipe, buried reservoir

10. The estimated amount of groundwater withdrawn each year 12 miner's inches

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record Not applicable

Oct 3, 1900 filed October 3, 1900. Rights page 449

Signature of Owner Walter B. Cox Evelyn S. Cox

Date March 4, 1963

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

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

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

*228

208804

I received and filed this instrument for
record on the...*24*... day of *July*, 19*62*
at *2:30* o'clock...*P.*M., permanent files
of *Missoula* County, State of *Montana*
Witness my hand:
MARTIN S. BEHNER, County Recorder
By *Charles Head*, Deputy
Fee \$ *2.00* Paid

GW3

File No.

DUPLICATE

T. 14N R. 19W 34
County MISSOULA

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

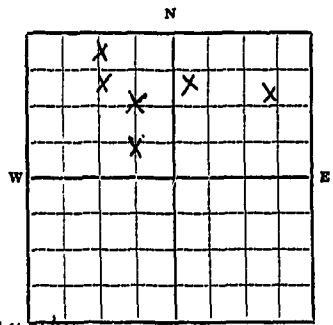
RECEIVED
DEC 30 1963

STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1890
Owner LOUIS F. KINNEY Address R.R. #2, MISSOULA
Contractor (if any)
Address of Contractor
Date Started Date Completed APPROX 1890



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

NW 1/4
NE 1/4 Sec 34 T. 14N R. 19W

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

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

300 INCHES - CONTINUOUS

Signature of Owner [Signature]

Date 12-26-63

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.

Form No. 18
8-60

T. 14N R. 19W
County Missoula

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
DEC 13 1961
STATE ENGINEER

WATER WELL LOG

Owner Doctor Brown Braun Address Missoula, Mont
Driller Glen Camp 705 Alder Address Missoula, Montana
Date Started Nov 27, 1961 Date Completed Dec 4, 1961
Location: Sec. 35 T. 14N R. 19W 1/4 sec. SE

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 6" above pit floor to 72'-5" ft. Type seamless Size 6" I.D. 29 lbs

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

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

Type of screen or perforations _____

Static Water level, for non-flowing well: 56' from top of casing feet.

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

Pumping water level 56 feet at 14 gal. per min. No drawdown

How tested: Bailer

Length of test 2 hours

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

at location above and file all 3 copies with County Clerk and recorder

(over)

File No.

T. 14 N. R. 19 W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
FEB 21 1963

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

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

0
34'
34'
36'
54
54
61

Gravel clay Boulders
Little Water Sand
Clay gravel Boulders
Water heavy gravel
Shoot Boulders 58'

Owner William R. Beaufort Address 6812 Sicota Dr. R. 4

Driller John Farrell Address Arlee

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

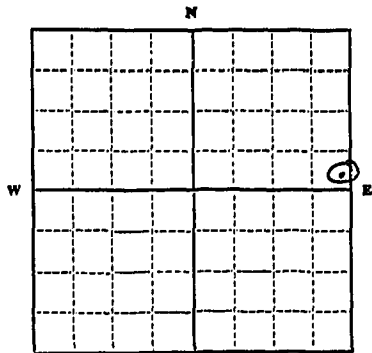
Date well started Dec. 28 - 1962 Date Completed Jan 26 - 1963

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" 19 LB	0	61'			



NE 1/4 Sec. 35 T. 14 N. R. 19 W
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well..... 21' 9" feet.

Shut-in Pressure for Flowing Well not flowing

Pumping Water Level..... 58 feet at 12 gal. per minute.

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

How Tested..... pump..... Length of Test 2 hrs

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

Show exact depth of bottom.

14
Driller's License Number

John Farrell
Driller's Signature

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

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

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

179

202888

I received and filed this instrument for
record on the 18th day of Feb. 1963
at 11:25 o'clock A.M. permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER County Recorder
By *William Davis* Deputy
Fee \$ 2.00 Paid

File No. _____

MONTANA WATER RESOURCES BOARD

T. 14N R. 19W 25

DUPLICATE

RECEIVED

County Missoula

LOG

SEP 8 1967

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground Approx. _____
(Elev. above sea level 3220')

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner: Jerrie & Robert O. Brandenberger Missoula, Montana

Driller: Liberty Drilling Co. Missoula, Montana

Date of Notice of appropriation of groundwater: None filed

Date well started: 9/3/64 Date completed: 9/19/64

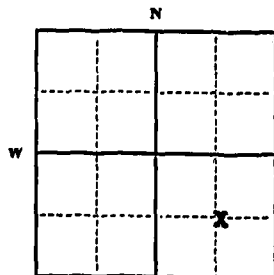
Type of well: Drilled Equipment used: Air Rotary
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

- Formations Log:
- 0 - 2 Top soil.
 - 2 - 54 Boulders, cobblestones & gravel.
 - 54 - 56 Silty gravel. Some silty water.
 - 56 - 60 Fine sand.
 - 60 - 64 Silty sand & gravel. Some silty water. Tested four hours with compressor.
 - 64 - 69 Sand & gravel. Silty water.
 - 69 - 99 Sand & gravel imbedded in tan clay.
 - 99 - 100 Broken rock in tan clay.
 - 100 - 134 Hard blue limestones. Small seeps of water in cracks and seams.
 - 134 - 141 Softer gray limestone. Water in cracks and seams.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" OD x 1/4"	0	101	NONE		



Water rises in the well 47 feet from surface.

Static Water Level for non-flowing well 47 feet.

Shut-in Pressure for Flowing Well None.

Pumping Water Level 137 feet at 3 gal. per minute.

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

How Tested: Pump Test

Length of Test: Two hours

Lot 6, Block 1, Lot 7, Block 1

SE 1/4 Sec. 35 T. 14N R. 19W

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

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water entering well through cracks & seams in the rock below 112 feet. Most of the water entering the well through cracks and seams in rock below 134 feet.

(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. Bottom of hole 141'

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.

52
Driller's License Number

William F. Adams
Driller's Signature.

42,273

1734

263885

I received and filed this instrument for
 record on the 6 day of Sept., 1967
 at 12:00 o'clock P.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Vermon R. Crouse, County Recorder
 By J. Kelley, Deputy
 Fee \$ 2.00 Paid cash

RECORDED
 MISSOULA COUNTY
 MONTANA
 SEP 11 1967

THIS INSTRUMENT WAS FILED IN THE
 PUBLIC RECORDS OFFICE OF MISSOULA COUNTY,
 MONTANA, ON SEPTEMBER 11, 1967.
 REC'D BY: [Signature]
 CLERK

OCT 11 1965

File No. _____
 Bill _____ McDermott _____
 Sullivan _____ McNulty _____
 DUPLICATE Coyle _____ Morton _____
 Derinton _____ Sullivan _____
 Dickert _____

T 147 R 19W
 County Missoula

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

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

Notice of Completion of Groundwater
 Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0 to 21' Clay & broken rock

21' to 34' Boulders in clay & gravel
 Owner Don Campbell Address Rattlesnake

Driller Glenn Camp 705 Alder Address Missoula, Mont

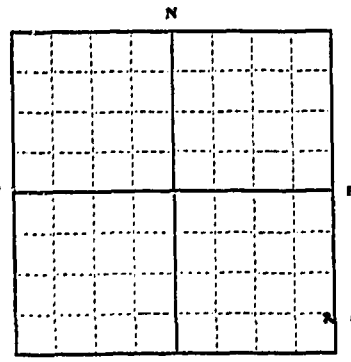
34' to 44' Boulders, clay & gravel (some water)
 Date of Notice of Appropriation of Groundwater.....
 Date well started 8/17/65 Date Completed 8/24/65

44' to 51' Boulders, clay & gravel
 Type of well Drilled Equipment Used Churn drill
 (dug, driven, bored or drilled) (Churn, drill, rotary or other)

51' to 57' Boulders, gravel & water
 Water Use: Domestic Municipal Other Irrigation
 Industrial Drainage Stock

57' to 60' Gravel & water
 Indicate on the diagram the character and thickness of the different strata met with in drilling, such as soil, clay, shale, gravel, rock or sand, etc. Show depth at which water is encountered, thickness and character of water-bearing strata and height to which water rises in the well.

Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind Size	From (Foot)	To (Foot)
6"	6" I.D. 19# to ft	8" above G.L. to 60'-4"		none		



SE 1/4 Sec 35 T14N R19W
 Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 30 feet.

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

Pumping Water Level 49 feet at 17 gal. per minute.

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

How Tested Test pump Length of Test 1/2 hour

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation) Domestic

Use only

License # 7

Driller's License Number

Glenn Camp
 Driller's Signature

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

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

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

39677

C-1530
242273

I received and filed this instrument for
recording on the 7 day of Oct. 1961
at 9:15 o'clock A. M. permanent files
of Missoula County, State of Montana
Witness my hand:
Vernon R. Crouse, County Recorder
By: Edward B. Crouse Deputy
Paid

Donald Campbell

GW 2

File No. _____

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED
FEB 6 1968

Approved Stock Form—State Publishing Co., Helena, Montana—43642

T. 14N R. 19W

County Missoula

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

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

Well located East Rattlesnake

0-5 Topsoil & Rocks (Under Chapter 237, Montana Session Laws, 1961)

5-42 Rocks & Boulders (tan color) Owner Lee E. Eddleman Eldon R. Hinning Bldg Service 2015 26th Ave. 1522 S. 14th W. Missoula, Montana

42-44 Some water at 42 Some gravel Rocks, tan Driller Glenn Camp Address Missoula, Montana Date of Notice of appropriation of groundwater.....

44-50 Little water at 44 50' - Rocks, boulders Date well started November 18, 1968 completed Dec. 6, 1968

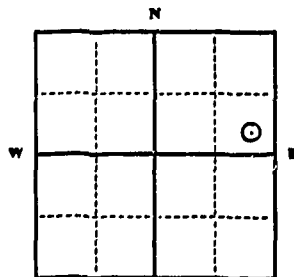
50-53 Rocks & boulders (tan) Type of well Drilled Equipment used Churn drill
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

53-55 Rocks and boulders - gray Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

55-76 Water at 76' Rocks, boulders clay 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.

76-83 Water, rocks, boulders, clay

Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind Size	From (Foot)	To (Foot)
6" I.D.	6" I.C. 17 lb per ft.	18" above G.L.	83'		None	



Static Water Level for non-flowing well 44 feet.

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

Pumping Water Level 52 feet at 18 gal. per minute.

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

How Tested Test Pump

Length of Test 2 hours

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

NE 1/4 Sec. 35 T. 14N R. 19W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

320 ft. North, 130 ft. West of East Quarter Corner
(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 and irrigation on 2 acres

Show exact depth of bottom.

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

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

License # 7
Driller's License Number

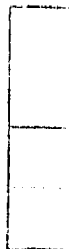
Glenn Camp
Driller's Signature

44,983

1854

278529

I received and filed this instrument for
 record on the 3rd day of Feb 1969.
 at 4:30 o'clock P.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 Verance R. Cypse, County Recorder
 By *W.A.M. C...* Deputy
 Fee \$2.00 Paid *...*



MISSOULA COUNTY RECORDER
 MISSOULA, MONTANA

DUPLICATE

RECEIVED
AUG 1 1964

T 14 N R 19 35

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
JUL 30 1964

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level _____)

0 to 1' Top soil
1' to 15' Boulders & gravel
15' to 45' Boulders, gravel & clay
45' to 52' Water, clay & gravel
52' to 69' Clay & gravel
69' to 71' Gravel & water
71' to 74' Broken rock & clay
74' to 77' Bedrock

Owner: Larry Elison Address: East Rattlesnake

Driller: Glenn Camp 705 Alder Address: Missoula, Montana

Date of Notice of Appropriation of Groundwater: _____

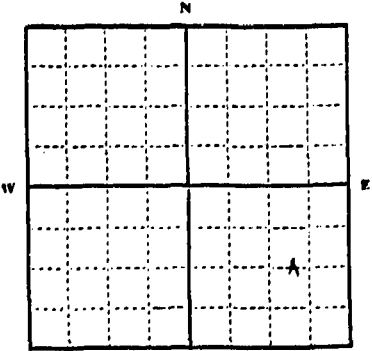
Date well started: 6/17/64 Date Completed: 6/27/64

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Foot)	To (Foot)	PERFORATIONS		
				Kind Size	From (Foot)	To (Foot)
6"	6" I.D. 18.77 # to foot	1' above G.L.	to 49'-2"	None		



SE 1/4 Sec. 25 T. 14 N. R. 19
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well: 28' from G.L. feet.

Shut-in Pressure for Flowing Well: _____

Pumping Water Level: 44 feet at 8 gal. per minute.

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

How Tested: Test Pump Length of Test: 48 hours

Remarks: (Gravel packing, cementing, packers, type of shut-off, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of

acres irrigated, if used for irrigation) _____

Went through water and drilled to 77' trying

to get more water, pulled pipe back and hole

caved to 62'

License # 7

Driller's License Number

Glenn Camp
Driller's Signature

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

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

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

1431 224833

I received and filed this instrument for record on the 5 day of Aug, 1964 at 1:32 o'clock P.M., permanent files of Missoula County, State of Montana Witness my hand: Verange R. Crouse, County Recorder By *Anthony J. Head*, Deputy Fee \$ *2.00* Paid

GROUP 14454 (encl) put in jacket 8/11/64

File No.

T 14 R 19

DUPLICATE

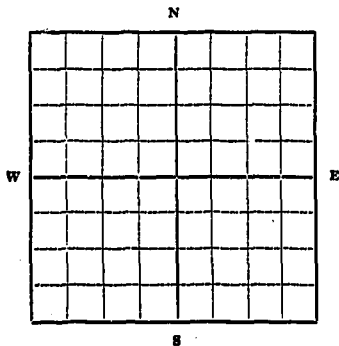
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

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

1 Richard A. & Bonnie J. Faust of RFD #4 Missoula
(Name of Appropriator) (Address) (Town)
County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec 35 T14 R19

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 9, 1960, continuous since that time

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 GPM

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Lawn - 0.9 Acres, lot 16 of Blasta Acres #2 Richard A. & Bonnie J. Faust

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump. Well located on above lot

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Drilling begun May 20, 1960, completed June 9, 1960

8. The depth of water table 27 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 Well drilled by air driven rotary drill 6 1/4 in. I.D. pipe, joints threaded and welded (T&C, P&E, 1 1/2"/ft) 82 ft. depth

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 0 to 51' top soil, 51' to 19' pea gravel with clay binder, 19' to 28' 3/4" gravel, occasional gravel rocks & clay binder, 28' to 33' 2" gravel & occasional rocks, 33' to 49' boulders & 2" gravel, to 52' 3/4" gr. to 60' 3/4" gr & cl, to 62' 1 1/2" gr, to 67' boulders & coarse gr, to 81' coarse gr & cl, to 82' green rocky shale

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.

Signature of Owner Richard A. Faust
Date 12/23/63

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.

12329

309

314756

I received and filed this instrument for
 record on the 23 day of Nov, 1963
 at 3:22 P o'clock P.M., permanent files
 of Missoula County, State of Montana
 Witness my hand:
 MARTIN S. BEHMER, County Recorder
 By E. J. [Signature] Deputy
 Fee \$ 2.00 Paid

NOV 23 1963

MISSOULA COUNTY RECORDER'S OFFICE
 MISSOULA, MONTANA
 I have this day received and filed for record the instrument described above and have the same duly indexed and filed in the permanent files of this office.
 WITNESSED my hand and the seal of this office at Missoula, Montana, this 23rd day of November, 1963.
 MARTIN S. BEHMER, County Recorder

File No.

T. 14 N. R. 19 W. 35

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

RECEIVED
MAR 2 1965
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of a Well

(Under Chapter 237, Montana Session Laws, 1961)

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

0 to 5' Top soil

5' to 26' Boulders & clay

26' to 42' Clay

42' to 52' Gravel, boulders & water

52' to 59' Clay, gravel & boulders

59' to 80' Gravel, Clay & water (126 P.M. at 80')

80' to 102' Gravel & clay

102' to 130' Clay & gravel

Owner Raymond Granger Address E. Rattlesnake

Driller Glenn Camp 705 Alder Address Missoula, Mont

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

Date well started Feb 9, 1965 Date Completed Feb Mar 4, 1965

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

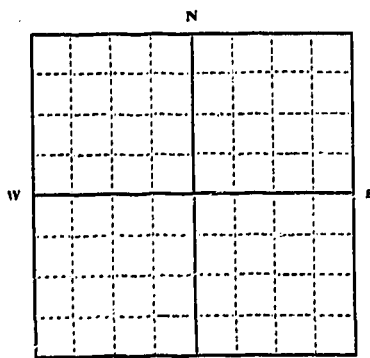
Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Pulled back to the

80' water.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6" I.D. 18.97" to ft	1' above G.L. to 81'-4"		None		



7E-1/4 Sec. 35 T. 14 R. 19
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

Static Water Level for non-flowing Well 25' from G.L. feet.

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

Pumping Water Level 63 feet at 12 gal. per minute.

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

How Tested Test Pump Length of Test 5 hours

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

*Legal description:
Lot 4, Block 6
Piedra Area #3*

Licence # 7
Driller's License Number

Glenn Camp
Driller's Signature

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

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

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

39024

113

23/293

I received and filed this Instrument for
 record on the 19th day of March 1965
 at 11:15 o'clock A.M. permanent files
 of Missoula County, State of Montana.
 Witness my hand:
 Vermae H. Grouse, County Recorder
 By Alvin J. Mann, Deputy
 Fee \$ 2.00 Paid cash

a

RECORDED
 1965 MAR 23

MISSOULA COUNTY RECORDS
 100 N. 1ST ST. MISSOULA, MONTANA 59801
 PHONE 541-1234

File No. _____

T. 14N R. 12W

DUPLICATE

County MISSOULA

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

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

GL top soil
1' tan clay, sand, gravel
12' ~~tan clay, sand, gravel~~
12' tan clay, sand, gravel
36' & boulders
36' tan clay, sand
48' 6" & gravel
48' 6" sand, gravel
52' 6" & water

Owner HUBERT HUMES Address 6207 SIESTA DRIVE

Driller KEN WILLIAMS WELL DR. Address 1558 So. 5th. W. MISSOULA, MONT.

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

Date well started AUG. 28, 68 Date completed SEPT. 5, 68

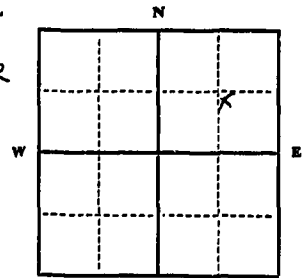
Type of well DRILLED Equipment used CHURN
(Dug, driven, bored or drilled) (Churn drill, rotary or other)

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6" I.D.	6-8/8" O.D. 3" side-wall 17 lbs.	ground level	52' 6"			

Doc. No. 2387 326275
Filed for record
this 27th day of DECEMBER
A. D. 1972, at 10:30
o'clock A. M.



Static Water Level for non-flowing well
..... 32' 6" feet.

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

Pumping Water Level..... 52.....feet

at..... 7 1/2.....gal. per minute.

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

How Tested Sub. test pump & ball test

Length of Test... 4 hrs.

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

SIESTA ACRES #3 BLOCK 6 LOT 18, N 1/4 Sec 35 T. 14N. R. 12W

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.

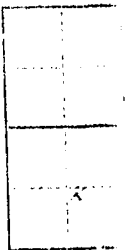
151 Driller's License Number

Gleneth Williams Driller's Signature

F2387

326 275-

I received and filed this instrument
 record on the 27 day of Dec 1951
 at 10:30 o'clock A.M. permanent
 of Missoula County, State of Montana
 Witness my hand.
 Virginia R. Crease, County Recorder
 By Mary Pleschky, Deputy
 Fee \$ 2.00 Paid



IN 1951

Recording 12 27 1951
 Office of the County Clerk
 Missoula, Montana

RECEIVED

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOV 20 1972

DRILLER'S LOG

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

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.

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.

H. Rodney Campbell & Son, Inc.

Owner <u>H. Rodney Campbell & Son, Inc.</u>	For Administrator's Use
Address <u>Siesta Lane #3</u>	File # <u>2372; 3246.53</u>
<u>Missoula, Mont. 59701</u>	Date <u>Nov. 15, 1972 2:00pm</u>
Date well started <u>Oct. 13, 1972</u>	GW 1
completed <u>Oct. 24, 1972</u>	

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
01	3	Top Soil
3	22	Tan Clay Gravel
22	46	Tan Clay Gravel Boulders
46	47	Sand Gravel Water 10 Gals per min
47	54	Tan Clay Gravel Boulders
54	55	Sand Gravel Water 5 Gals per min.

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

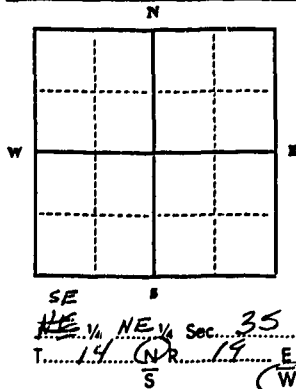
Equipment used Churn (Churn drill, rotary or other)

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

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
6" I. D.	6 5/8" 19 lbs 1/4 side wall	GL	46			
5" I. D.	5 5/8" O. D. Liner	46	55	Torch out 2x1/4	46 Ft.	48 Ft.



Static water level 38 ft.*
Pumping water level 52 ft.*
at 15 gallons per minute,
measured 90 minutes after pumping began.
*Measured from ground level.
Well developed by Baled pump for 4 hours.
Power 220 Pump 3/4 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature Leo A. House

Driller's Address 740 Turner

Missoula, Montana LICENSE NO. 193

55 Show exact depth of bottom

#2372

324653

I received and filed this instrument for
record on the 15 day of June 1914
at 2:00 o'clock P.M. permanent files
of Missoula County State of Montana
Witness my hand
Veranda A. Cruise, County Recorder
By Veranda A. Cruise Deputy
Fee \$ 2.00 Paid

MISSOULA COUNTY RECORDS
INDEXED
FILED
JUN 15 1914
MISSOULA, MONTANA

GW 2

File No.

T. 14^N R. 19^W 25

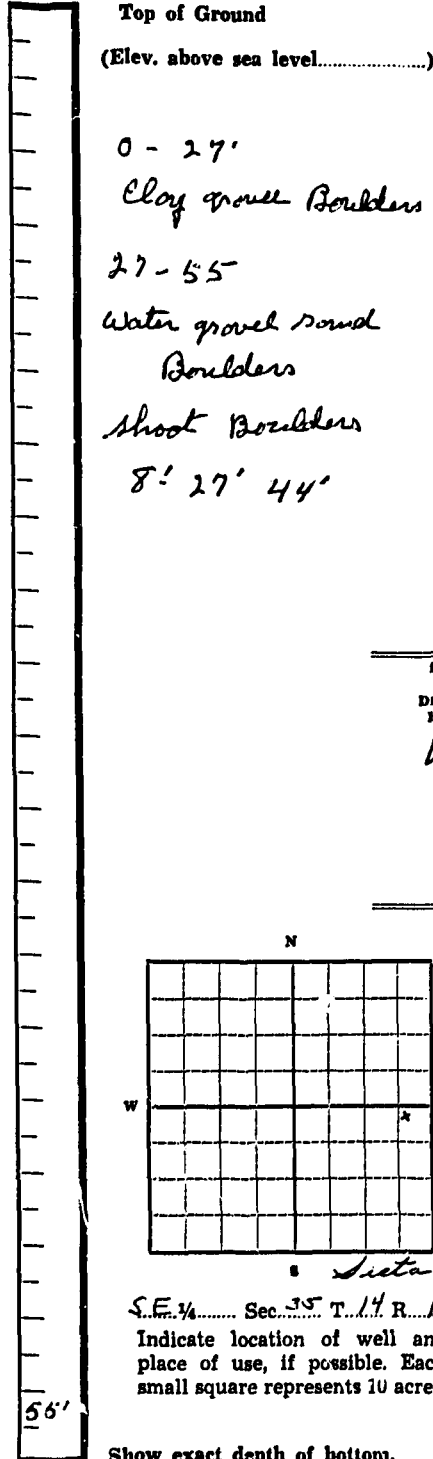
DUPLICATE

County. Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

(Under Chapter 237, Montana Session Laws, 1961)



Owner. Robert J. MAR Address. Rt # 4

Driller. John Farrell Address. Arlee

Date of Notice of Appropriation of Groundwater 7/10/62

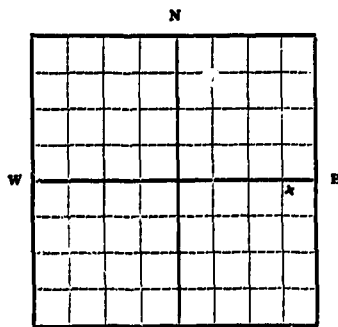
Date well started July 2, 1962 Date Completed July 12, 1962

Type of well Drilled Equipment Used Churn
(dug, driven, bored or (Churn, drill, rotary or drilled) X 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" 19 LB	0	55'			



S.E. 1/4 Sec. 35 T. 14 R. 19
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Static Water Level for non-flowing Well 20 feet.

Shut-in Pressure for Flowing Well Doesn't apply

Pumping Water Level 50 feet at 25 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Pump Length of Test 2 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) None

Show exact depth of bottom.

14
Driller's License Number

John Farrell
Driller's Signature

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

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

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

*157

198616

I received and filed this instrument for
record on the 18 day of Oct, 1982
at 12:45 clock P.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARTIN S. BEHNER, County Recorder
By Janeth Head Deputy
Fee \$ 2.00 Paid



Produced Pursuant to
Public Access to Records Act
www.mt.gov

File No. _____

T 14 N R 19 W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 17 1964

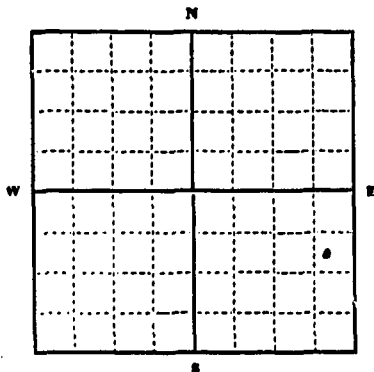
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

I, Elvin J. O'Saughlin, of P.O. Box 1351 Missoula
(Name of Appropriator) (Address) (Town)

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



SE 1/4 Sec. 35 T. 14 N R. 19 W

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

Siesta Acres No. 2, Sub-division of Missoula County, Montana

2. The beneficial use on which the claim is based Domestic and Landscape irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1, 1960 and continuous to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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 Landscape irrigation, two acres owned by Appropriator

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Submersible pump located on Lot 12, Block 3, Siesta Acres No. 2.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Drilling Begun June 16, 1960 Well Finished June 24, 1960

8. The depth of water table Static water level 45' from ground level.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6" I.D. casing to 73' below ground level

10. The estimated amount of groundwater withdrawn each year 1 million gallons.

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

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 Elvin J. O'Saughlin

Date 1/30/64

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

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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.

34964