

83386

RECORDER'S OFFICE } ss.
Jefferson County, Montana }

Filed for record this 2 day of Jan
1913 at 9:15 o'clock A.M.
W. W. [Signature]
County Recorder

Fees, \$ 2.00

GW 4
File No.....

T. 4N R. 7W

~~ORIGINAL~~ DUPLICATE

County.. Jefferson

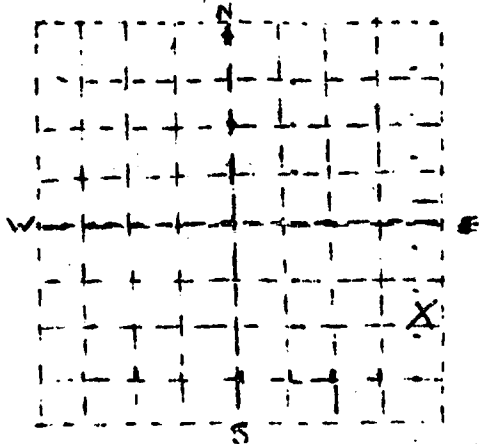
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964

STATE ENGINEER

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

1. Julius Vanina....., of Elk Park Star Route, Butte.....
(Name of Appropriator) (Address) (Town)
County of Jefferson..... State of Montana.....
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



.....1/4.....Sec. 27..T. 4N..R. 7W

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 - stockwater.....
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
.....1890 continuous.....
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
.....20 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.....
- 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.....
.....1890.....
- 8. The depth of water table.... 10 feet.....
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....
.....Hand dug - Timber - 25 feet - 6' x 6" square.....
- 10. The estimated amount of groundwater withdrawn each year.....
- 11. The log of formations encountered in the drilling of each well if available...
.....None available.....
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner Julius Vanina

Date, December 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

19464

83224

RECORDERS OFFICE }
Blaine County, Montana }

I hereby receive this 30 day of Dec.

1963 at 1:20 o'clock P.M.

Alta M. Dawson
County Recorder

Fees, \$ 2.00

FW 4
File No.....

T. 4N.....R. 7W.....

XXXXXXXXX DUPLICATE

County. Jefferson

STATE OF MONTANA

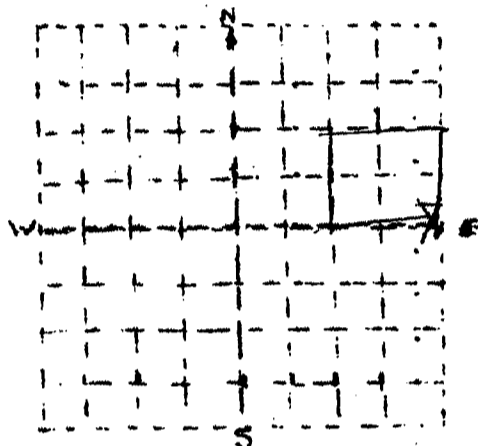
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964
STATE ENGINEER

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

1. Julius Vanina....., of Elk Park Star Route, Butte.....
(Name of Appropriator) (Address) (Town)
County of Jefferson.....State of Montana.....
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NE 1/4 Sec. 34 T. 4N R. 7W

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 - stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1890 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 20 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.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1890

8. The depth of water table. 10 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.

Hand dug - brick lined - 25 feet deep - 12 feet diameter

10. The estimated amount of groundwater withdrawn each year.

11. The log of formations encountered in the drilling of each well if available. none available

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

Signature of Owner Julius Vanina

Date. December 30, 1963

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located. Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

19465

83225

RECORDER'S OFFICE }
Blaine County, Montana } 52.
Filed for record this 30 day of Dec
1963 at 226 o'clock P.M.
Alta M. Dawson
County Recorder
Fees, \$ 2.00

File No.

T. BLAIR

DUPLICATE

County BLAINE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964
STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1890

Owner Frank Henry Conice Address Elkford

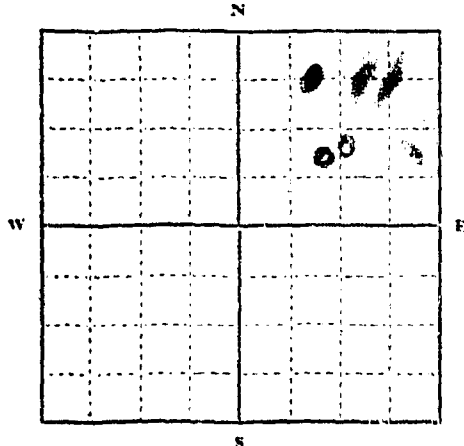
Contractor (if any)

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. Stack use

From river irrigation



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. Full year

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

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

Signature of Owner Frank Henry Conice

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.

83234

RECORDER'S OFFICE }
Jefferson County, Montana }

Filed for record this 31 day of Dec
1963 5:39 o'clock P. M.
Alvin M. Dawson
County Recorder
Fee, \$ 2.00

GW 2

File No.

DUPLICATE

T. H. R. G. W.
JEFFERSON
County: ~~Silver Bow~~

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
RECEIVED
DEC 6 1968

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner: PETER A. BRACCO
KARL J. DESHAER Address: 76 W. BROADWAY
BUTTE, MONTANA

Driller: C. F. Wroble Address: Millersville, RFD# 1
Anaconda, Montana

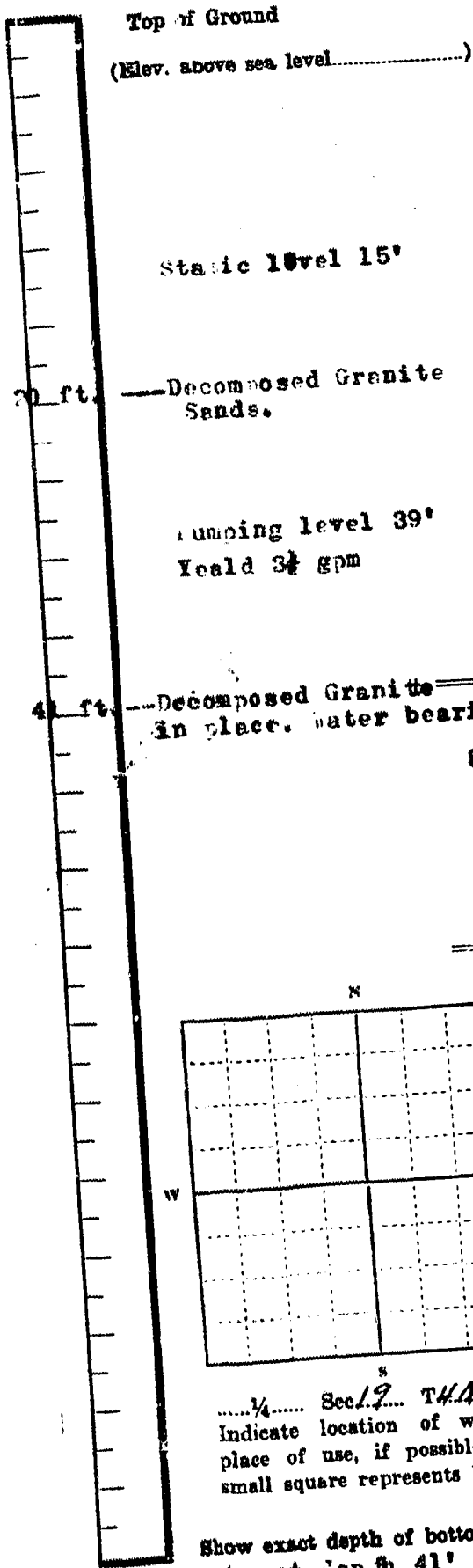
Date of Notice of Appropriation of Groundwater:

Date well started: Aug. 16 1968 Date Completed: Aug. 16 1968

Type of well: Drilled Equipment Used: Churn
(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.



Static Water Level for non-flowing Well..... 15' feet.

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

Pumping Water Level..... 39' feet at 3 1/2 gal. per minute.

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

How Tested: Boiled Length of Test: 1 hr.

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

Peter A. Bracco
K. J. Deshaer

62
Driller's License Number

C. F. Wroble
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.

1968

83001

RECORDER'S OFFICE }
Jefferson County, Montana }

Filed for record this 4 day of December
A. D. 1963 at 11:05 o'clock A. M.

Alto M. Dawson
County Recorder

Fee, \$.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

**NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL**

Developed after January 1, 1962

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

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

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

Owner Robert Bloomer
Address 111 Park Road
Butte, Montana
Date well started July 24, 1972
completed July 25, 1972

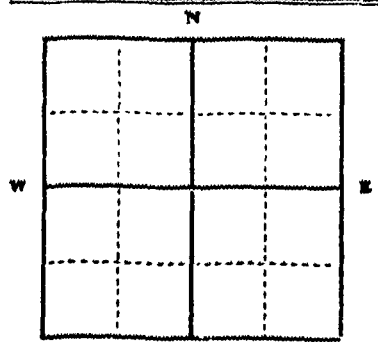
For Administrator's Use
File 97887
Dec. 5, 1972 8:10 a.m.
SW 1

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
6	5/8" x .250	15'	27'			
5	5/8" x .250	25'	80'	cutting torch	30'	80'



S.W. 1/4 NE 1/4 Sec. 19
T. 4 N. R. 6 E. S. 5 W. 4

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

Driller's Signature O. Keefe Contracting Company
Driller's Address 2004 Harvard Ave.

Butte, Montana 59701 LICENSE NO. B

County Jefferson

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level) _____

From (Feet)	To (Feet)	
0'	0'	decomposed sand
0'	12'	granite boulder
12'	55'	decomposed granite
55'	80'	gray granite

Show exact depth of bottom

51,957

97887

008/E

RECORDER'S OFFICE } ss.
Jefferson County, Montana }
Filed for record this 5 day of Dec
19 19 10 o'clock P M
James M. Farlane
County Recorder
Fees \$ 2.00

Department of Natural Resources
 Water Resources Division
 Engineering Bureau
 Groundwater Section
 Sam W. Mitchell Building
 Helena, Montana 59601

and Conservation

Owner Grace Evans 59
 Address 1001 Lewisohn St., Butte, MT
 Location Twp. 4R. 6 Sec. 19
 Doc. No. 96745

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

Special Instructions:

Please provide the needed information, as indicated in red on the attached form.

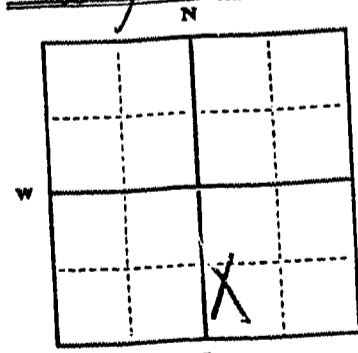
Thank you.

*Residence on forest land
 in S E 1/4 of Sec. 19 - Twp. 4 - Range 6
 Well located on S E part of our yard
 We dug the well ourselves with post hole digger*

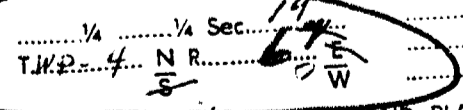
(Cable drill, rotary or other)
 Domestic Municipal Stock Irrigation
 Industrial Drainage Other * Garden/Lawn
 *Describe Summer home use
 USE: If used for irrigation, industrial, drainage or other. Explain, state number of acres and location or other data (i.e. Lot, Block and Addition).

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>8 in</u>	<u>6 in galvanized steel</u>	<u>30 ft</u>				
<u>30 ft length</u>						



Static water level 6 ft.*
 Pumping water level 6 ft.*
 at 4 gallons per minute,
 measured 30 minutes after pumping
 began. 4 6
 *Measured from ground level.
 Well developed by post hole digger
 for hours.
 Power..... Pump..... 1 HP
 Remarks: (Gravel packing, cementing,
 packers, type of shut off)
electric shut off



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

Driller's Signature Grace Evans
 Driller's Address 1001 Lewisohn Butte, Mont

LICENSE NO.

Show exact depth of bottom

51,117

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

County Jefferson

DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)
1	52
	51.75

Owner Alvin Lyons

Address 1001 Lewisohn St

Butte Montana

Date well started July 1-71

? completed July 29-72

Type of well July 71

Equipment used Gaslog Drigger

Water Use: Domestic Municipal Stock Irrigation

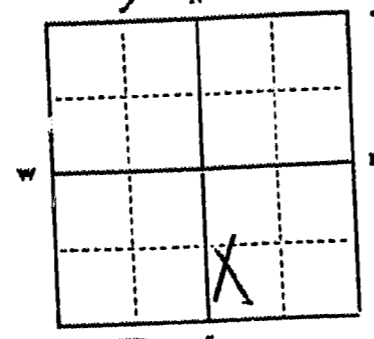
Industrial Drainage Other * Garden/Lawn

*Describe Summer home use

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

ESTIMATED ANNUAL WITHDRAWAL

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8 in	6 in galv 30 lb	30 ft	30 ft			



Static water level 6 ft.*
Pumping water level 6 ft.*
at 4 gallons per minute
measured 30 minutes after pumping began.
*Measured from ground level.
Well developed by hand hole digger
for 4 hours.
Power 1 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
electric shutoff

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

Driller's Signature Alvin Lyons

Driller's Address 1001 Lewisohn St Butte, Mont

LICENSE NO.

Show exact depth of bottom

51,119

File No.

T. 4 N. R. 4 W. 2

DUPLICATE

County Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 8 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

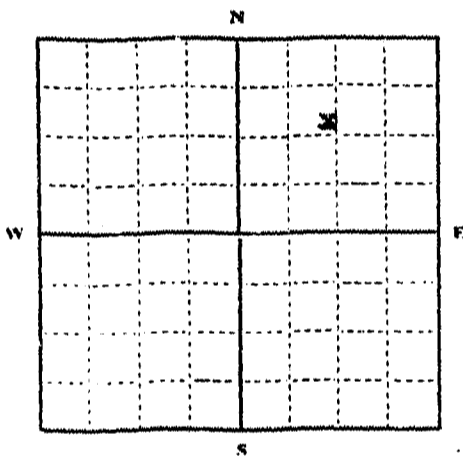
Date of Appropriation of Groundwater..... 1936

Owner U.S. Government..... Address, Hitchell, Montana

Contractor (if any) none

Address of Contractor not applicable

Date Started 1936 Date Completed 1936



1/4 Sec. 7 T. 4 N. R. 4 W.

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

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

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

3) Depth of water table surface

4) Use of the water stock water

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) 2 1/2 gallons per minute

6) If used for irrigation, give number of acres and description of land not applicable

7) Estimate amount of water used each year 452,000 gallons

Signature of Owner John S. Shively
Acting District Manager
Date 11/25/64

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.

477 Potter Spring

38712

84568

RECORDER'S OFFICE } ss.
Jefferson County, Montana }
Filed for record this 1st day of April
A. D. 1962 at 803 o'clock A.M.
Alta M. Dawson
County Recorder
Fee \$ 2.00

File No.....

T. 4 N. R. 4 36

DUPLICATE

County Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

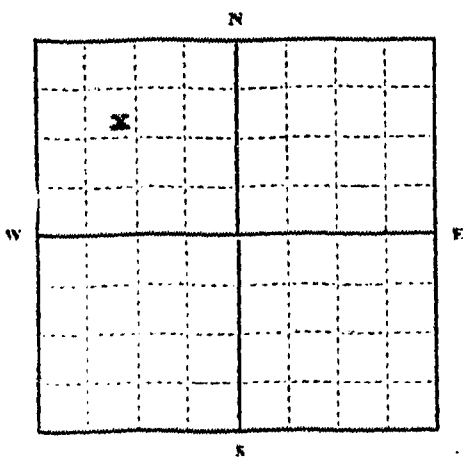
Date of Appropriation of Groundwater..... 1935

Owner U.S. Government Address Helena, Montana

Contractor (if any) None

Address of Contractor Not applicable

Date Started 1935 Date Completed 1935



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

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

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

3) Depth of water table surface

4) Use of the water stock water

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) 2 gallons per minute

6) If used for irrigation, give number of acres and description of land not applicable

7) Estimate amount of water used each year 66,000 gallons

Signature of Owner John A. Murray

Date 11/15/62

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.

276 Big Chief Spring

38138

84594

RECORDER'S OFFICE }
Jefferson County, Montana } ss.

Filed for record this 1st day of April
A. D. 1964 at 8:28 o'clock A.M.

Alta M. Dawson

Fee, \$ 2.00

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Bar E. D. Ranch Co.

Address Boulder
Montana

Date well started June 8, 1970
completed June 13, 1970

Type of well Drilled

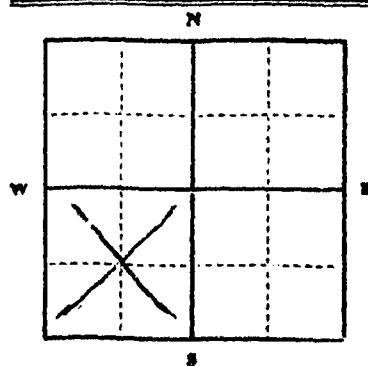
Equipment used churn

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	1716	0	98	3 1/16" x 1 1/2"	44	96



1/4 S.W. 1/4 Sec. 1
T. 4 N. R. 3 W. E

Static water level 12 ft.*
Pumping water level 80 ft.*
at 1,000 gallons per minute,
measured 8 hours after pumping began.
*Measured from ground level.
Well developed by air
for 8 hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature Wesley Lindsay
Driller's Address Clancy Montana

LICENSE NO. 38

County Jefferson
DRILLER'S LOG

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground (Elev. above sea level) _____

From (Feet)	To (Feet)	
0	8	top soil & gravel
8	33	clay & gravel
33	40	clay
40	44	sand
44	98	gravel coarse

98 Show exact depth of bottom

95686

RECORDER'S OFFICE }
Jefferson County, Montana } ss.
Filed for record this 2nd day of Dec
A. D. 19 26 at 8:30 o'clock A. M.
J. J. McMillen
County Recorder
Fees. \$ 2.00

File No.....

T. 4 R. 3

DUPLICATE

County Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

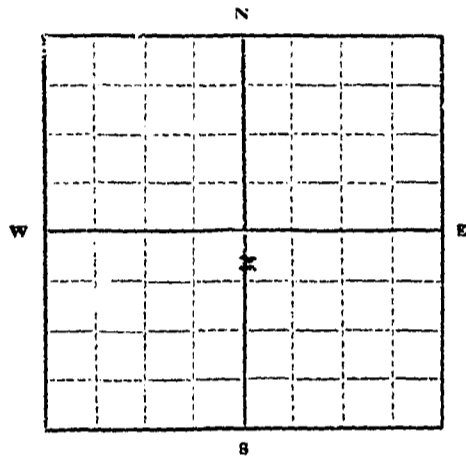
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. William P. Murphy of Boulder (Town)
(Name of Appropriator) (Address) (Town)
County of Jefferson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 4 T. 4 R. 3

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.....
1930 continuously ever since

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Developed springs - flows out of ground

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
1930

8. The depth of water table.....
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.....
well is rockd in tp. present cave-in.

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

11. The log of formations encountered in the drilling of each well if available.....
none 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.....
This filing is in addition to filings on wells and springs in §21, T4N, R3W; §14, T4N, R3W; §13, T4N, R3W.

Signature of Owner W.P. Murphy
Date Dec. 19, 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.

83125

RECORDER'S OFFICE }
Jefferson County, Montana } ss.

Filed for record this 26 day of Dec.

A. D. 1913 10 o'clock A. M.
W. H. Williams
County Recorder

Fees, \$ 2.00

File No.

T. 4 S. 3

XXXXXXXXX DUPLICATE

County, Jefferson

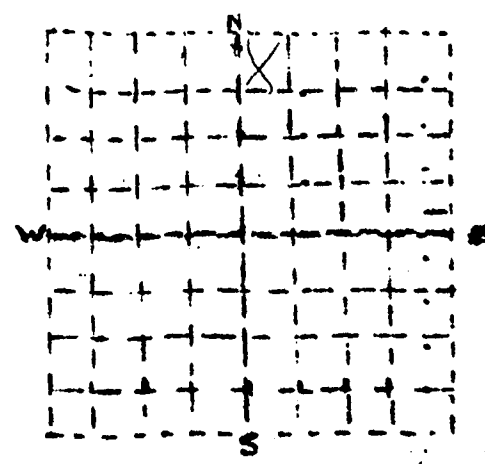
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 23, Montana Session Laws, 1961)

1. *Ed McCauley* of *Boulder*
(Name of Appropriator) (Address) (Town)

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



.....1/4.....Sec. 7.....T. 4.....R. 3.....

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

- 2. The beneficial use on which the claim is based... *Livestock water*
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been... *1924... continuous since*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)... *2 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... *Livestock only*
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... *Hand-dug... Spring... 7 ft... flow... steady*
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... *1924... improvements... 1924... 5 ft*
- 8. The depth of water table... *comes to top of ground*
- 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... *none*
- 10. The estimated amount of groundwater withdrawn each year... *75000 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... *Water was recorded but not a new... the dates*

Signature of Owner: *Ed McCauley*
Date: *Dec 30 1963*

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

19453

83203

RECORDER'S OFFICE }
Jefferson County, Montana } 69.

Filed for record this 30 day of Dec.

1913 at 131 o'clock P. M.

W. M. Dawson
County Recorder

Fees, \$ 2.00

RECEIVED

County Jefferson ¹³
DRILLER'S LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD
NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

This form to be prepared by driller, and three copies to be filed by the owner with the County Clerk and Recorder in the county in which the well is located, last copy to be retained by driller. Please answer all questions. If not applicable, so state, otherwise the form may be returned.

Owner FD Ranch Co.

Address Boulder,
Montana

Date well started _____
completed _____

For Administrator's Use

File 98661

MAY 30, 1973

GW 1 8:30 A.M.

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

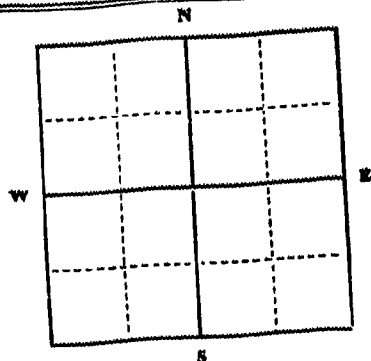
Equipment used Churn
(Churn drill, rotary or other)

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 80,000

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6"</u>	<u>1716</u>	<u>0</u>	<u>46</u>	<u>none</u>		



N.W. $\frac{1}{4}$ N.W. $\frac{1}{4}$ Sec. 13
T. 4 N. R. 3 $\frac{2}{2}$ W.

Static water level 5 ft.*
Pumping water level 28 ft.*
at 15 gallons per minute,
measured 60 minutes after pumping
began.
*Measured from ground level.
Well developed by pump
for 2 hours.
Power elec. Pump 1/2 HP
Remarks: (Gravel packing, cementing,
packers, type of shutoff) _____

Indicate the character, color, thickness of strata such as soil, clay, sand, gravel, shale, sandstone, etc. Show depth at which water is found and height to which water rises in well.

Top of Ground		(Elev. above sea level)
From (Feet)	To (Feet)	
<u>0</u>	<u>5</u>	<u>top soil & gravel</u>
<u>5</u>	<u>18</u>	<u>gravel & sand</u>
<u>18</u>	<u>38</u>	<u>clay</u>
<u>38</u>	<u>43</u>	<u>clay & gravel</u>

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

Driller's Signature Wesley S. Dwyer

Driller's Address Clancy Montana

LICENSE NO. 38

46 Show exact depth of bottom

98661

RECORDS OFFICE } ss.
Person County, Montana }
for record this 30 day of May
D. 1973 at 8:30 o'clock A.M.
Janne D. McJuliano
County Recorder

By Cash O. Matlock
dup

File No.....

T. 4 R. 3

DUPLICATE

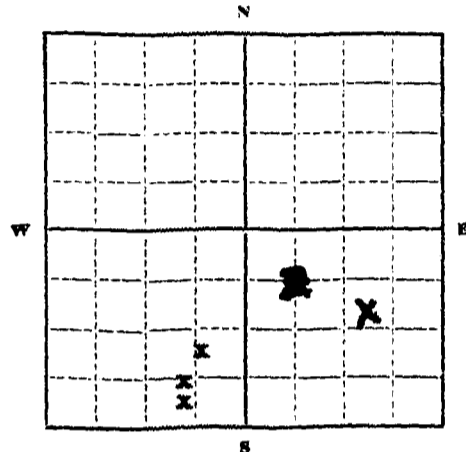
County Jefferson

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)

1. William P. Murphy of Boulder
(Name of Appropriator) (Address) (Town)
County of Jefferson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 13 T. 4 R. 3

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 wells in SE; SW; §13 used for irrigation stockwater
1 spring in NE; SE; §13 for stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1866

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 G.P.M. for each well and the spring

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 acres

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
electric and gasoline driven pumps
See plat for location.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.
Some in 1866 - Last one in 1930

8. The depth of water table. 30 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.
wells are all drilled - 4 inch casing - 50 feet deep

10. The estimated amount of groundwater withdrawn each year. 256 G/P.M. for each well and spring

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. this filing is in addition to filings on wells and springs in §21, T4N, R3W; §4, T4N, R3W; §14, T4N, R3W.

Signature of Owner W. P. Murphy

Date Dec 19, 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.

83124

RECORDER'S OFFICE,)
Deerfoot County, Montana)
for record this 26 day of Dec
1963 at 10 15 o'clock A.M.
Alta M. Dawson
Fees, \$ 2.00

3 14

File No.

T. 4 R. 3

DUPLICATE

County Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

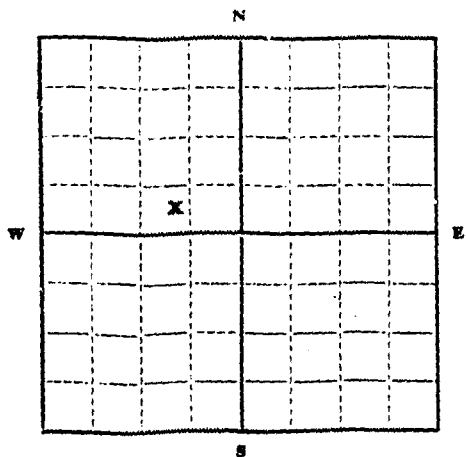
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. William P. Murphy of Boulder
(Name of Appropriator) (Address) (Town)
County of Jefferson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 14 T. 4 R. 3
Indicate point of appropriation
and place of use, if possible.
Each small square represents 10
acres.

2. The beneficial use on which the claim is based.....
Stockwater

3. Date or approximate date of earliest beneficial use; and how con-
tinuous the use has been.....
1941

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for with-
drawal of groundwater.....
1941

8. The depth of water table.....
twenty 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 with 4 inch casing. Drilled by VanDyken of
Manhattan, Montana.

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.....
This filing is in addition to filings on wells and springs in
§21, T4N, R3W; §4, T4N, R3W; §13, T4N, R3W;

Signature of Owner W.P. Murphy

Date Dec. 19, 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.

14856

83137

RECORDER'S OFFICE }
Jackson County, Montana } ss.
Filed for record this 26 day of Dec.
1963 at 2:30 o'clock P.M.
Alta M. Hanson
County Clerk
Fees, \$ 2.00

File No.

T 4 N R 3 W

DUPLICATE

County **Jefferson** D

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

1964

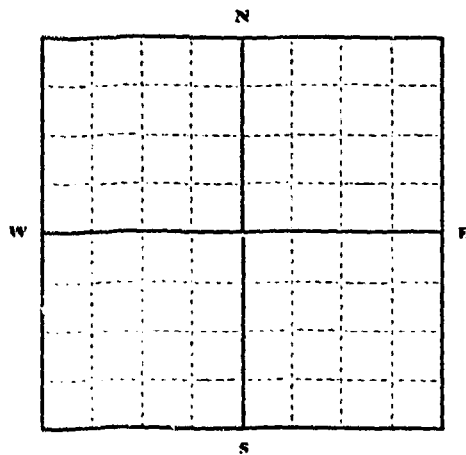
ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Cary and May Quaintance, of Boulder
(Name of Appropriator) (Address) (Town)

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



$\frac{1}{4}$ Sec. 14 T.4N R. 3W

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

2. The beneficial use on which the claim is based Household and other domestic use and irrigation

3. Date or approximate date of earliest beneficial use and how continuous the use has been Prior to 1900 - been continuous ever since

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Never accurately measured

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 Irrigates about one acre of yard near home. Cary and May Quaintance

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Two wells, each equipped with a pump. One located under the dwelling and one approximately 100 feet from dwelling.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Both wells drilled prior to 1900.

8. The depth of water table In spring of year very near surface and the table lowers during the year.

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 Each well is equipped with a pump with a 2 inch casing to a depth of approximately 20 feet.

10. The estimated amount of groundwater withdrawn each year Never measured, but furnishes all water for two dwellings, garden, lawn, etc., covering approx. one acre.

11. The log of formations encountered in the drilling of each well if available None available

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

Signature of Owner Cary Quaintance

Date December 28, 1963

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

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

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

19497

83265

RECORDER'S OFFICE }
Jefferson County, Montana }

Filed for record this 31 day of Dec
A. D. 1963 at 10 o'clock A. M.
Walter M. Dawson
County Recorder
Fee, \$ 2.00

File No.

T. 4N R. 3W

DUPLICATE

County Jefferson

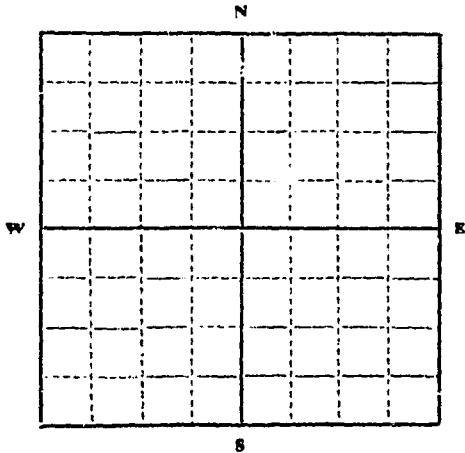
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Cary and May Quaintance of Boulder
(Name of Appropriator) (Address) (Town)
County of Jefferson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



.....1/4..... Sec. 15, T. 4N R. 3W.
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 and livestock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Approximately 1863 and continuous since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). Never measured

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. Approximately 160 acres in Sec. 15, Twp. 4N R. 3W, Cary Quaintance and May Quaintance

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. No construction except irrigation ditches

8. The depth of water table. Varies during year

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. Natural springs with irrigation ditches used for irrigating and permitting livestock to water.

10. The estimated amount of groundwater withdrawn each year. Never measured

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

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 Cary Quaintance
May Quaintance
Date December 25, 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.

83263

RECORDER'S OFFICE }
Jefferson County, Montana } ss.
Filed for record this 31 day of Dec.
A. D. 1963, 10 15 o'clock A.M.
Alvin M. Dawson
County Recorder
Fee, \$ 2.00

File No.

T. 4 R. 3

DUPLICATE

County Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

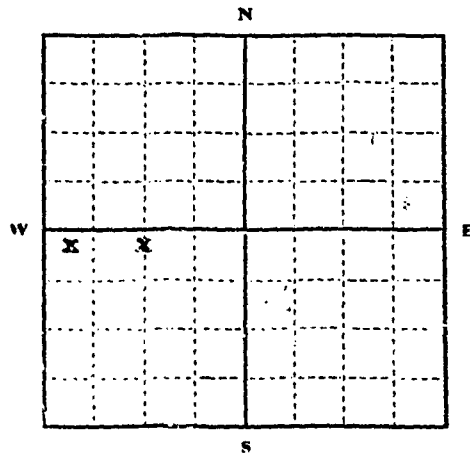
RECEIVED
DEC 30 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. William P. Murphy, of Boulder, (Name of Appropriator) (Address) (Town)
County of Jefferson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 21 T. 4 R. 3

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

- 2. The beneficial use on which the claim is based: **Stockwater only**
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been: **1922**
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute): **20 gal. a minute each.**
- 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: **No artificial development**
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: **1923**
- 8. The depth of water table: **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: _____
- 10. The estimated amount of groundwater withdrawn each year: **enough for 150 cattle a year**
- 11. The log of formations encountered in the drilling of each well if available: **none available**
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: **this filing is in addition to filings on wells and streams spring in S4, T4N, R3W; S14, T4N, R3W; and S13, T4N, R3W.**

Signature of Owner: *W.P. Murphy*

Date: **December 19, 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.

14845

83126

RECORDER'S OFFICE } ss.
Jefferson County, Montana }

Filed for record this 26 day of Dec.
A. D. 1917 at 10:17 o'clock A. M.
W. M. Dawson
County Recorder

Fees, S. 2.00

24

File No.

T. 4N R. 3W

DUPLICATE

County *Jefferson*

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 8 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater *when first settled*

Owner *Carney Ranch* Address *Boulder Mont*

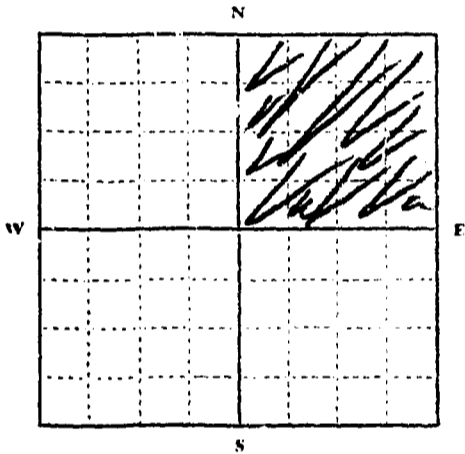
Contractor (if any)

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 *by sub-irrigation*

depth from one ft to approx 10ft



NE 1/4 Sec 24 T. 4N R. 3W

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.....

period of use about 4 months
sufficient water for two crops
of alfalfa plus pasture are
one crop wild hay plus pasture

Signature of Owner *Carney Ranch by John Carney*

Date *Dec 31 - 1963*

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

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

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

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

83365

RECORDER'S OFFICE,)
Jefferson County, Montana) ss.
Filed for record this 31 day of Dec
A. D. 1963 at H. H. E. Clerk P.
777 Dawson
County Recorder
Fees, \$ 2.00

File No.

T. 4 N. R. 30

DUPLICATE

County Jefferson

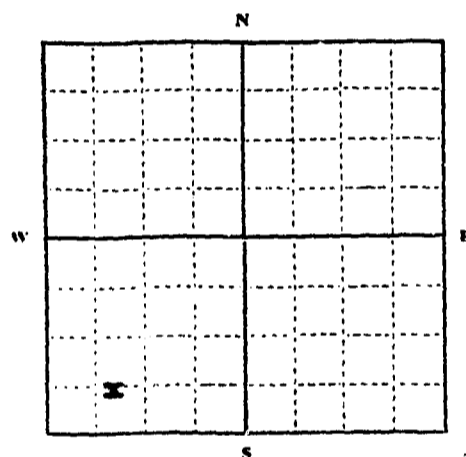
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 2 1961

Notice of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)



SW 1/4 Sec. 30 T. 4 N. R. 30 W.

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

Date of Appropriation of Groundwater..... 1936

Owner ~~U.S. Government~~ Address ~~Whitehall, Montana~~

Contractor (if any)..... None

Address of Contractor..... Not applicable

Date Started..... 1936 Date Completed..... 1936

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

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

3) Depth of water table..... ~~surface~~

4) Use of the water..... ~~stock water~~

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) ~~3 gallons per minute~~

6) If used for irrigation, give number of acres and description of land..... ~~not applicable~~

7) Estimate amount of water used each year..... ~~299,000 gallons~~

Signature of Owner..... *John J. Conway*

Asking District Engineer Date..... 11/23/61

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.

72 Laggot Spring

38135

84591

RECORDER'S OFFICE }
Jefferson County, Montana }
Filed for record this 1st day of Dec
in the year 1904 at 8:35 o'clock A.M.
Alta M. Watson
County Recorder
Fee \$ 2.00

GW3

File No.

T 4N R 2W

DUPLICATE

County Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 20 1963

Notice of Completion of Groundwater Appropriation Without Well STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1956

Owner Evan E. Kington Address Toston, Mont

Contractor (if any) None

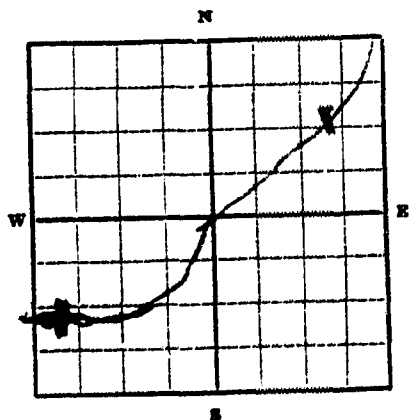
Address of Contractor

Completed when land was purchased in 1956

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.

Ditch, dam and reservoir



N.E. 1/4 Sec. 2 T.4N. R.2W

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

SW 1/4 Sec. 2 T.4N R.2W

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

Pond covers 2 Acres- depth 15 feet

Spring, summer and fall.

A second pond in Sec. 2 about the same dimensions as the first.

Signature of Owner *Evan E. Kington*

Date Dec. 1st 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 School of Mines and Quadruplicate for the Appropriator.

83087

RECORDER'S OFFICE }
Jefferson County, Montana } ss.

Filed for record this 19th day of Dec.

1963, 2:27 o'clock P. M.
Alta M. Davidson
County Recorder

Fees, \$ 2.00

Evan E. Kington, Toston, Montana

May 19, 1964

12-19-63

83087 & 83088

from storage reservoirs

Form No.

T. R.

XXXXXXXXX DUPLICATE

County.....

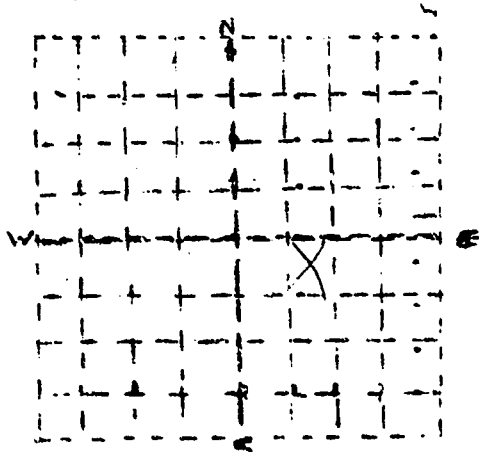
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

R
JAN 8 1964

STATE ENGINEER

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

1. *Ed. M. Casley*....., of *Beulah*.....
(Name of Appropriator) (Address) (Town)
County of *Jefferson*.....State of *Mont*.....
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



.....1/4.....Sec. 6.....T. 4.....R. 2.....

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.....*As not known start date have been used continuously for a long time*.....

4. The amount of groundwater claimed (in miner's inches or gallons per minute).....*20 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.....*30.0 irrigated on Sec 6 cont. surface water owner Ed. M. Casley*.....

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....*Natural Spring Ditched to reservoir for storage*.....

8. The depth of water table.....*As not known*.....

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....*Dept. of reservoir about 10 ft. covering approximately 15.0*.....

10. The estimated amount of groundwater withdrawn each year.....*As much as flowing continuously the year around*.....

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

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.....*Records for irrigation & livestock watering purposes. As not known recording date*.....

Signature of Owner.....*Ed. M. Casley*.....

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 Montana Bureau of Mines & Geology; and Quadruplicate for the appropriator.

27017

83206

RECORDER'S OFFICE }
Deer Creek County, Montana }
I hereby record this 30 day of Dec
AP 1963 11/24 1963 11/24 1963
County Recorder
Fees \$ 2.00

File No.

T.

XXXXXXXX DUPLICATE

County... Jefferson

STATE OF MONTANA

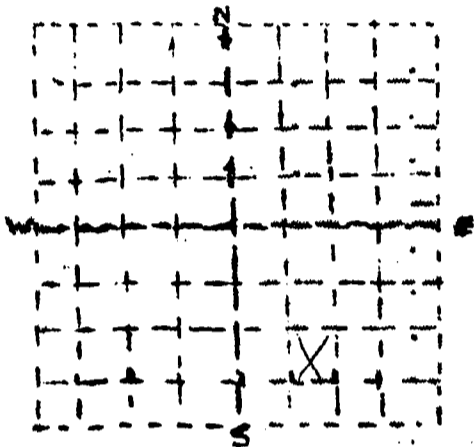
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

RECEIVED JAN 8 1964

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

1. Ed. McCauley, of Boulder, Mont. County of Jefferson State of Mont. have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



.....1/4.....Sec. 6.....T. 4.....R. 2.....

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

2. The beneficial use on which the claim is based... Livestock Water Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... Do not know exact dates but has been in use since 1929-1930

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 15 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... Do not know acreage but owned by Ed. McCauley

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... Ratched from spring from reservoir for irrigation & livestock

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

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... Depth of reservoir 10 ft. & covers 7 feet deep

10. The estimated amount of groundwater withdrawn each year... 15 miner inches slow & steady

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

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... Spring has been recorded but do not know where

Signature of Owner Ed. McCauley

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 Montana Bureau of Mines & Geology, and Quadruplicate for the Appropriator.

227018

83207

RECORDER'S OFFICE }
Yellowstone County, Montana } ss.

Filed for record this 30 day of Dec

1963 at 1:50 o'clock P.M.

Alta M. Anderson
County Recorder

Fees, \$ 2.00

Form No. 1

T. 4 R. 2
County Jefferson

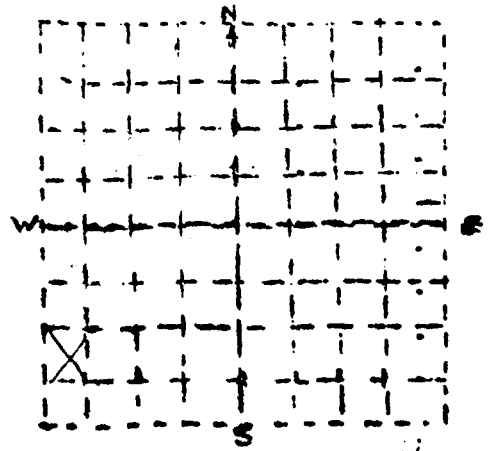
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
JAN 8 1964

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

1. Ed McCauley, of Boulder, (Name of Appropriator) (Address) (Town)
County of Jefferson, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



.....1/4.....Sec. 7.....T. 4.....R. 2.

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 purposes*
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been... *1888... continuous*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)... *10 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... *Household purposes only*
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... *By electric pump*
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... *Do not know*
- 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... *Drilled well... 6" dia... 30 feet deep*
- 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... *100 ft sandstone... 20 ft 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... *Do not know any other information except been in use since 1888*

Signature of Owner *Ed McCauley*

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 Montana Bureau of Mines & Geology, and Quadruplicate for the Appropriator.

27032

83211

RECORDERS OFFICE }
Jefferson County, North Carolina }

This is recorded this 30 day of Dec

A. D. 1939 at 1:39 o'clock P.M.

Alta _____
County Clerk

Fees, C. 2.00

File No.

T 4N R 2W

DUPLICATE

County Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 20 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater No. 1 1960
No. 2 1957
No. 3 1963

Owner Evan E. Kington Address Foston, Mont

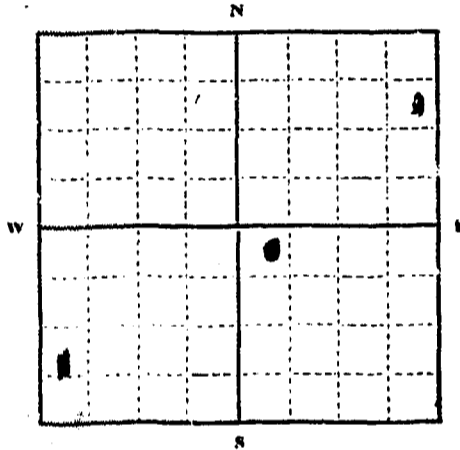
Contractor (if any) No 3 B. Cobban

Address of Contractor Winston, Mont.
No. 1 May 1st 1960 May 10, 1960

Date Started No. 2 Apr. 15 1957 Date Completed Apr. 20 1957
No. 3 Oct. 25 1963 Nov 5th 1963

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

By ditch, pipeline and trough



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

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

No 1 SW 1/4 Sec 9 T4N 2W
No 2 SW 1/4 Sec 9 T4N R 2W
N of SW 1/4 Sec 9 T4N R 2W

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.

About 25 inches in each development
Estimated flow through pipe

Signature of Owner Evan E. Kington

Date Dec. 1st 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.

83086

RECORDER'S OFFICE } ss.
Jefferson County, Montana }
Filed for record this 19 day of July
A. D. 1963 at 2:06 o'clock P. M.
Alta M. Diamond
County Recorder
Fees, \$ 2.00

T. 4 N. R. 2 W.
County of Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER
DECLARATION OF GROUNDWATER RIGHTS

JAN 3 1964
STATE ENGINEER

The undersigned, Round Grove Ranch Co., of Helena, Montana, has appropriated groundwater according to the State of Montana in effect prior to January 1962 as follows:

Item #1 In the southwest quarter of Section 13, Township 4 North, of Range 2 West of Montana Principal Meridian:

(1a) A "dug" well 16 feet deep. The water level on use remains at 1 foot below surface. Produces 10 miners inches. Has been used continuously by declarant and its predecessors since 1916. Used for irrigation and stockwater.

(1b) A developed spring for stockwater and irrigation producing 3 miners inches. Has been used continuously by declarant and its predecessors since 1916.

Item #2 In the North half of Section 12, Township 4 North of Range 2 West of Montana Principal Meridian:

A drilled well, 60 feet deep. Six inch casing. Used for stockwater. Pumps 3 miners inches. Water level maintained at 20 feet below surface. Used continuously by declarant and its predecessors since 1916.

ROUND GROVE RANCH CO.

By J. Frank O'Connell
J. Frank O'Connell, President

(SEAL)

ATTEST:

Gloria O'Connell
Gloria O'Connell, Secretary

19501

STATE OF MONTANA)
County of Lewis and Clark) SS.

J. FRANK O'CONNELL having first been duly sworn, deposes and says that he is of lawful age and is the President of ROUND GROVE RANCH CO. the appropriator and claimant of the order and water right mentioned in the foregoing declaration of vested groundwater rights and the corporation whose name is subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true.

J. Frank O'Connell

J. FRANK O'CONNELL

Subscribed and sworn to before me, this _____ day of _____, 19____.

Notary Public for the State of Montana
Residing at Helena, Montana
My Commission expires _____

83269

RECORDER'S OFFICE }
Jefferson County, Montana }

Filed for record this 31 day of Dec

1963 10 31 P.M.
[Signature]

County Recorder

Fee \$ 2.00

RECORDED
INDEXED
JAN 1 1964
COUNTY RECORDER

11-2-10

File No.

DUPLICATE

T.
County **RECEIVED**
JAN 3 1964
STATE ENGINEER

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 *when first settled*

Owner *Osrey Ranch* Address *Boulder*

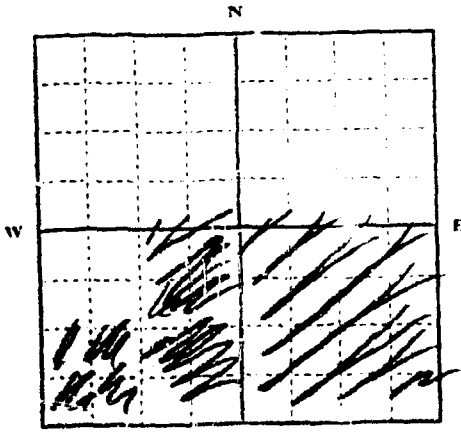
Contractor (if any)

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. *by sub-irrigation*

depth from one ft to approx 10 ft



..... 1/4 Sec. 18. T. 4N R. 2W
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.....

Approximate use about 4 months sufficient for two crops of alfalfa plus a pasture crop or one crop of wild hay plus pasture

Signature of Owner *Osrey Ranch by John Carey*

Date *Dec 31 - 1963*

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

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

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

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

1959d