

17012

State of Michigan
County of [unclear]

Filed _____ 19____
at 2:40 P. M.
Way Pittman
[unclear]

\$200
-
[unclear]

File No. 17443

Township R. 15 N. Range 16 E. County FERGUS

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

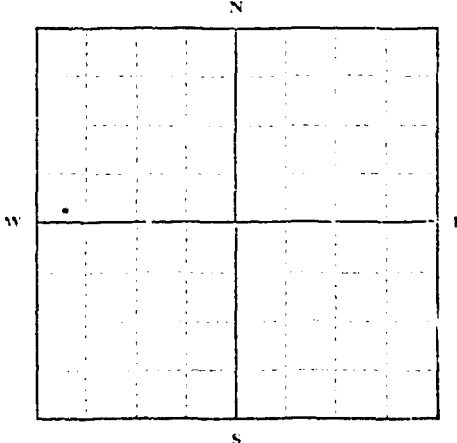
RECEIVED
STATE ENGINEER
DEC 17 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ROY I. MARTIN AND BESSIE E. MARTIN of 707 SIXTH AVE. NO., LEWISTOWN, MONTANA
(Name of Appropriator) (Address) (Town)

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



SW 1/4 Sec. 23, T. 15, R. 16

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.....
General Domestic Use.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....
Earliest use began in the early 1900's.
Occasional use during last 10 years.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute).....
Approx. 100 gal. per minute.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
None.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Well - Hand pump, (see map).
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....
Early 1900's - Well.
- 8. The depth of water table.....
Approx. 22 ft. below 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.....
Depth about 24 ft.
Diam. about 3 ft.
- 10. The estimated amount of groundwater withdrawn each year.....
- 11. The log of formations encountered in the drilling of each well if available.....
gravel formation.
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....

Signature of Owner, Roy I. Martin

Date, December 17, 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.

18915

17443

COPY

State of Montana
County of Fergus

SEP 3 1960

Filed

at 8:30 o'clock A.M.

\$2.00 PL

Way Rethers
County Clerk and Recorder

File No. 16875

T 15 N R 16 E

DUPLICATE

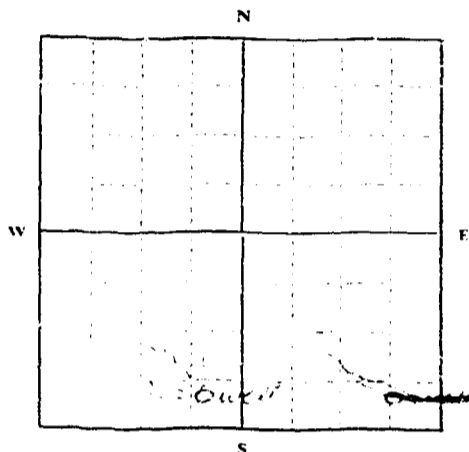
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

County
RECEIVED
DEC 23 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. *Joe Wickman* of *Moore* *Mont.*
(Name of Appropriator) (Address) (Town)
County of *Fergus* State of *Mont.* *Moore*
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S. R. 1/4 Sec. 25 T. 15 N. R. 16 E.

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

- The beneficial use on which the claim is based *Domestic Stock Water, and irrigation*
- Date or approximate date of earliest beneficial use; and how continuous the use has been: *NOV 77-1957 It has been used daily since it was drilled*
- The amount of groundwater claimed (in mine's inches or gallons per minute): *The Artesian well produces 50 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: *The water has been used to irrigate about 10 to 15 acres of pasture.*
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: *This well is a free flowing well*
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: *Well started on September 30, 1957 and was completed on November 1, 1957*
- The depth of water table: *1542 ft. to 1575 ft.*
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: *Artesian free flowing 50 gal. per minute. Cased with 30" galvanized pipe to 1596 ft.*
- The estimated amount of groundwater withdrawn each year: *26,280,000 to 30,000,000 gallons*
- The log of formations encountered in the drilling of each well if available: *45'-1015' Blue shale
1015'-1120' Hard sandstone 1120'-1225' Red shale 1225'-1245' Hard sandstone
1245'-1310' soft sandstone 1310'-1485' Hard sandstone 1485'-1542' soft sandstone
1542'-1596' semi hard sandstone 1595'-1596' very hard sandstone*
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record: *No, not have any. I do have log on well.*

Signature of Owner *Joe Wickman*
Date *Dec. 18, 1963*

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

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

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

11357

16875

COPY

State of Michigan
County of _____

Filed DEC 18 1963 19____
at 2:30 o'clock P.M.
Wm. H. Hutton
County Clerk and Recorder

2-11

File No. 17112

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

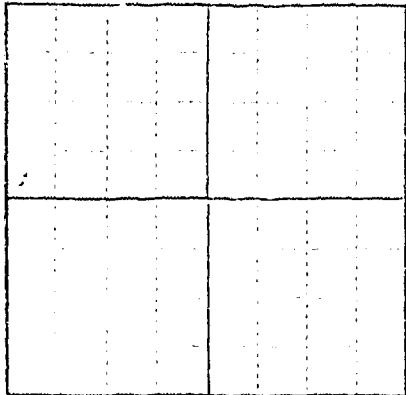
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. *Stymmer, William L. & Son, Inc.*, of *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. 25, T. 5 R. 26

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

2. The beneficial use on which the claim is based *For a field and irrigation water for garden and lawn*

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. *Probably in early days with well pump in the early 1900's and every day*

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *well 1940 - other well in the early 1900's*

8. The depth of water table *the well are 20 ft deep*

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 *They are hand dug wells 20 ft deep*

10. The estimated amount of groundwater withdrawn each year *20,000 gals*

11. The log of formations encountered in the drilling of each well if available. *sand gravel and rocks*

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 *William L. Stymmer*

Date *Dec 23 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.

17112 COPY

State of Montana,) ss.
County of Park)

Filed DEC. 27 1963
at 10:15 o'clock A. M.
May Rathbone
County Clerk and Recorder

200-*pt*

File No. 16993

TJMR 16 E

DUPLICATE

County

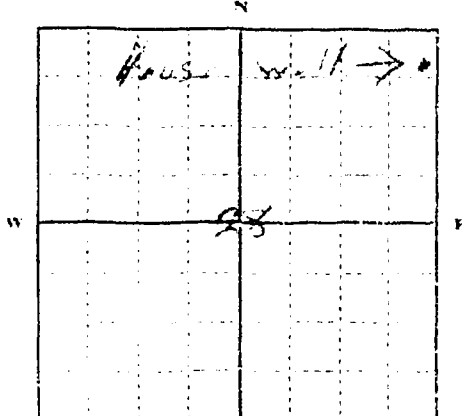
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, George Anthony, of Blue Bird Leicester
(Name of Appropriator) (Address) (Town)
County of Fergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NE 1/4 Sec 6 28
T14N R 16E

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 Water for house use and 2000 sheep
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been March 1940
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4.1 gal per min. at 600 gpm per day
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
None
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump and 2000 ft drain

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Summer of 1940
- 8. The depth of water table Variable, 75 ft to 90 ft
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Cooperating dug and drilled well with 4 in. casing 90 ft deep
- 10. The estimated amount of groundwater withdrawn each year continuous basis = 2,140,000 Gallons
- 11. The log of formations encountered in the drilling of each well if available
lime stone gravel with various depths
- 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 See Fergus County records for well

Signature of Owner George Anthony
Date 12-20-62

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.

11405

16993

1877

State of New York
County of New York

This DEED was duly recorded on the 15th day of

April 1877.

Wm. R. Keith
County Clerk of New York

20th

File No. 17240

T. R.

DUPLICATE

County

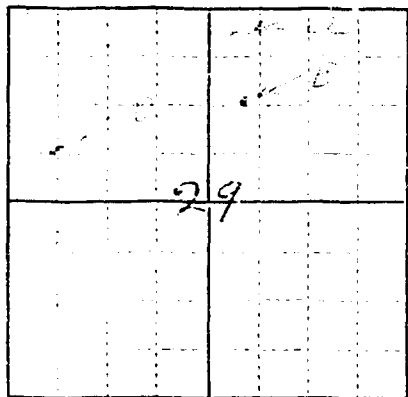
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. (Name of Appropriator) of (Address) (Town)

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



1/4 Sec. 29 T. 15 N. R. 16 E
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based *for irrigation*
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been *from 1910 to present*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) *100 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 *100 acres owned by V. M. Long*
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *A = 6" 1/2" SPK. with 4" pipe inserted B = 2" 1/2" 150' C = 2" 1/2" 100' D = Ditch*
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *1910*
- 8. The depth of water table *100'*
- 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 *at 7'*
- 10. The estimated amount of groundwater withdrawn each year *200,000 gal*
- 11. The log of formations encountered in the drilling of each well if available *No well log*
- 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 *V. M. Long*
Date *12-20-1963*

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

17290

State of Montana, *vs.* COPY
County of *...*
Filed DEC 30 1963 19
2.00
Way Nelson
County Clerk and Recorder
\$200.00 pd.

DUPLICATE

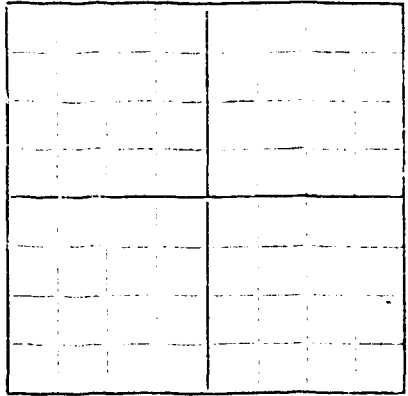
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Name of Appropriator of Address (Town)

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



Section 14, Township, Range
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

- 2. The beneficial use on which the claim is based...
- 3. Date or approximate date of earliest beneficial use, and how continuous the use has been...
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)...
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof...
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...
- 8. The depth of water table...
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater...
- 10. The estimated amount of groundwater withdrawn each year...
- 11. The log of formations encountered in the drilling of each well if available...
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record...

Signature of Owner
Date

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

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

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

1967

17647

State of Montana }
County of Fergus } ss. COPY
DEC 3 1953 19
11:30 o'clock P.M.
#2 = Clk. MAY RATHEUN
County Clerk and Recorder

T. 14 N. R. 14 E.
County: Judith

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

72

Owner: John J. ... Address: ... Montana
Driller: ... Address: ... Montana
Date Started: August 11, 1957 Date Completed: October 1, 1957
Location: Sec. 2 T. 14 R. 14 Sec. 09

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

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

Casing: _____ ft. to 1470 ft. Type: aluminum Size: 2"
Casing: _____ ft. to _____ ft. Type: _____ Size: _____
Casing: _____ ft. to _____ ft. Type: _____ Size: _____

Perforated or Screened: Ft. 1460 to ft. 1470 Ft. _____ to ft. _____

Type of screen or perforations: 1/2" perforated

Static Water level, for non-flowing well: _____ feet.

Shut-in pressure, for flowing well: _____ lb. sq. in. on: October 1, 1957
(date)

Pumping water level: _____ feet at _____ gal. per min.

How tested: loss of head test

Length of test: _____

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

GW

17807

File No.

T. R.

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

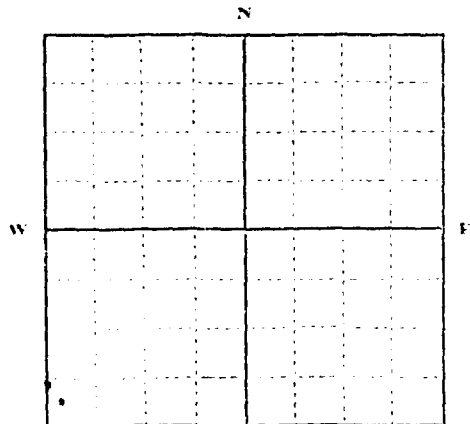
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Arthur C. Wickman
(Name of Appropriator)

of Moore
(Address) (Town)

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



SW
1/4 of Sec. 35 T. 15 R. 16

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 & Domestic

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 15 gal per min.

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

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

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

8. The depth of water table... 50'

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... 4ft dia x 56' deep

10. The estimated amount of groundwater withdrawn each year... 750,000 gallons

11. The log of formations encountered in the drilling of each well if available... No log. Hand dug well

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record... No.

Signature of Owner Arthur C. Wickman
Date Dec 31, 1963

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

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

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

19247

17897

State of Montana. }
County of Fergus. } ss.

COPY

Filed DEC 3 11 1883 19
at 4:30 o'clock P.M.
\$2.00 P.c. MAY RATHBUN
County Clerk and Recorder

File No. M1(13)

T. 15N R. 16E HPM

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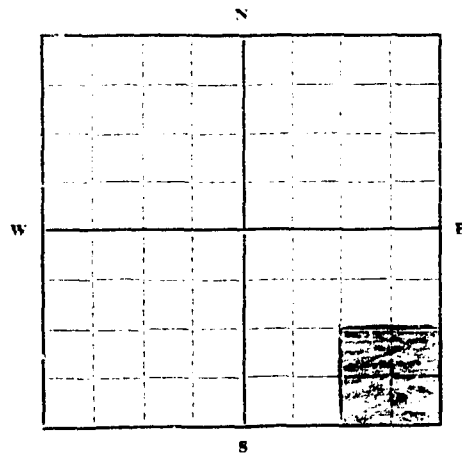
County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. United States of America of c/o U. S. Corps of Engineers
(Name of Appropriator) (Address) (Town)
Box 1425, Great Falls, Montana
County of Cascade State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SE 1/4 Sec. 36 T15N R 16E HPM

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been...
3 November 1960
Continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 2 gallons per minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...
Started - 16 October 1960
Completed - 3 November 1960

8. The depth of water table... 180 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 vertical well - 1167 feet

10. The estimated amount of groundwater withdrawn each year... 2880 gallons

11. The log of formations encountered in the drilling of each well if available...
Shale, bentonite and sandstone of various types

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...

WITNESS:

Edward B. McWhorter

UNITED STATES OF AMERICA

By: John E. Ritchie

Signature of Owner... John E. Ritchie, Actg Chief

Great Falls Real Estate Ofc

Date USCE, Seattle District

Date 11 August 1962

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

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

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

9275 COPY

Filed APR 1 1952
at 3:50 o'clock P.M.
May Reithum
County Clerk and R.
*200 ph

COMMISSIONER

Page 1 of 1

County

Twp.

Rge.

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
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GW

File No. 17504

DUPLICATE

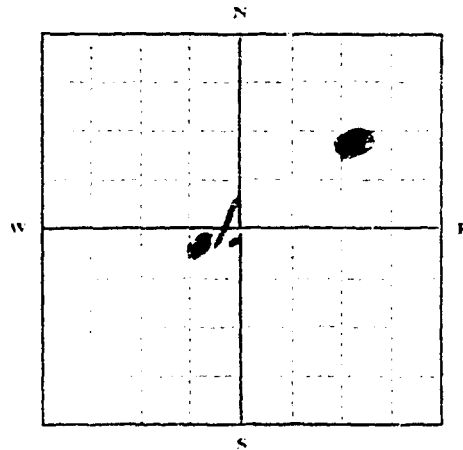
T. 50 R. 7
County *Fergus*

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. *Theodore Rowland* of *Lewistown*
(Name of Appropriator) (Address) (Town)
County of *Fergus* State of *Montana*
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



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

2. The beneficial use on which the claim is based *Livestock and Irrigation*
3. Date or approximate date of earliest beneficial use; and how continuous the use has been *Since purchased April 1961*
4. The amount of groundwater claimed (in miner's inches or gallons per minute) *2000 gal per min*
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof *30 to 40 acres SW 1/4 Sec 31 RT 16 N R. 18 E*
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *Surface water*

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *not applicable*
8. The depth of water table *Surface*
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater *not applicable*
10. The estimated amount of groundwater withdrawn each year *General flow*
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 known*

Signature of Owner *Theodore Rowland*
Date *Dec 31, 1963*

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

17504

COPY

State of Montana, }
County of Fergus } ss.

Filed _____ 19__
at 9:35 o'clock A.M.
2nd Ad. _____
County Clerk and Recorder

File No. 17703

DUPLICATE

T. 15 R. 17

County Cascade

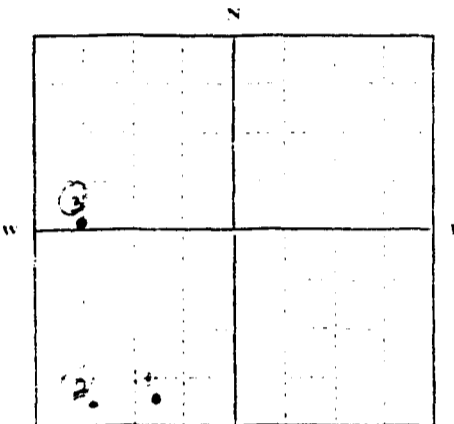
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

134 E. E. Grotzer of Hamistown Mont
(Name of Appropriator) (Address) (Town)

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



① - SW 10⁰⁰ SE¹ SW 2-15-17
② - SE 10⁰⁰ SW 2⁰⁰ 2-15-17
③ - SW 1/4 SW Sec. 2 T. 15 R. 17

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 Farmstead
water supply Developed Spring
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1920 - continuous use
1920
1920
- The amount of groundwater claimed (in miner's inches or gallons per minute) 50 gal. per minute
30 gal. per minute
30 gal. per minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump
Spring Flow

- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
- The depth of water table 40 Feet
Just below ground level
- 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 130 Feet deep - 6" casing
- The estimated amount of groundwater withdrawn each year 15,000 gal.
Flowing Spring
- The log of formations encountered in the drilling of each well if available
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner E. E. Grotzer
Date June 21 - 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.

17738

State of Montana

County of ...

COPY

DEC 2 1919

Filed

at 3:16

o'clock P.M.

19

87521

County Clerk and Recorder

Form No. 18
8-60

T. _____ R. _____

County _____

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana



WATER WELL LOG

STATE ENGINEER

Owner _____ Address _____

Driller _____ Address _____

Date Started 10-2-1962 Date Completed _____

Location: Sec. _____ T. _____ R. _____ $\frac{1}{4}$ sec. _____

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

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

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: _____ feet.

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

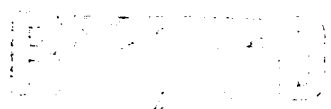
Pumping water level _____ feet at _____ gal. per min. _____

How tested: _____

Length of test _____

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

(over)



T. R.

County:

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

STATE ENGINEER

WATER WELL LOG

Owner: Address:

Driller: Address:

Date Started: Date Completed:

Location: Sec. 16 T. 15 R. 17E 1/4 sec. NE 1/4 of NW 1/4

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other:

Casing: ft. to ft. Type: Size:

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: feet.

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

Pumping water level: feet at gal. per min.

How tested:

Length of test:

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

(over)

RECEIVED
JUN 4 1958

T. 15 R. 7
County: Fergus

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana
STATE ENGINEER

WATER WELL LOG

Owner: J. J. ... Address: ...
 Driller: ... Address: ...
 Date Started: ... Date Completed: ...
 Location: Sec. 16 T. 15 R. 17E 1/4 sec. NE 1/4 of NW 1/4

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

Water use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other:

Casing: 0 ft. to 20 ft. Type: ... Size: 6" ...
 Casing: 20 ft. to 29 ft. Type: ... Size: 5 1/2" ...
 Casing: ... ft. to ... ft. Type: ... Size: ...
 Perforated or Screened: Ft. 20 to ft. 55 Ft. ... to ft. ...

Type of screen or perforations: ...
 Static Water level, for non-flowing well: ... feet.
 Shut-in pressure, for flowing well: ... lb./sq. in. on: ... (date) ...

Pumping water level: 40 feet at 20 gal. per min.
 How tested: ...
 Length of test: 1 hr.

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

(over)

GW# 27457

File No.

DUPLICATE

T. R.

County

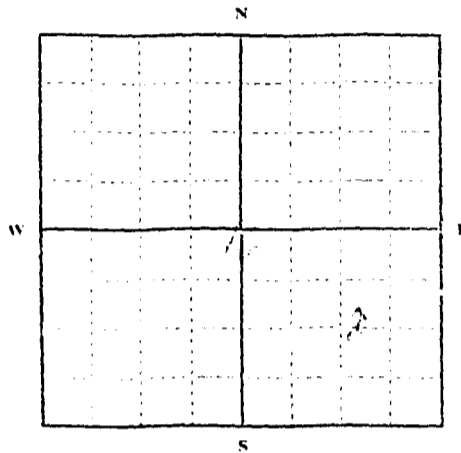
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. I, John J. ..., of ... (Name of Appropriator) (Address) (Town)

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



Sec. 14, T. 5, R. 1

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

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

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

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

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

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

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

8. The depth of water table ...

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

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

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

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

Signature of Owner ...

Date September 19, 1966

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.

27457 COPY

State of Missouri
County of [unclear]
Filed SEP 19 1966
at 2:10 o'clock P.M.
May Arthur
County Clerk and Recorder
6-1-66

File No. **16670**

T. **17** R. **17**

DUPLICATE

County **Georgetown**

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground (Elev. above sea level.....)	
0	6 Clay
6	12 Gravel
12	95 Layers of Shale
95	96 Rock
96	113 Shale Bentonite
113	135 Hard Black slate some Bentonite
135	155 Grey rock hard Sandstone water
155	160 Shale and Bentonite

Owner **Bill Webster** Address **Lewistown, Montana**

Driller **George O. Singley** Address **Lewistown, Montana**

Date of Notice of Appropriation of Groundwater **None**

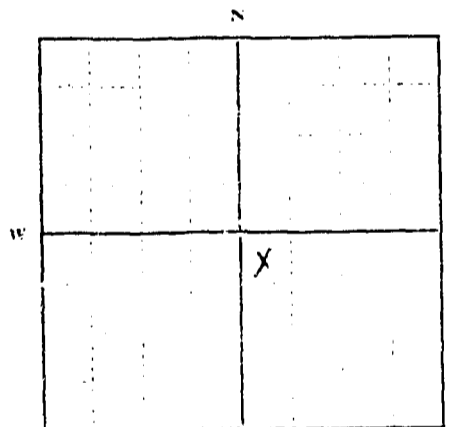
Date well started **Sept. 4, 1963** Date Completed **Sept. 6, 1963**

Type of well **Drilled** Equipment Used **Rotary**
(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)
5 5/8	4" OD 4 1/2" ID 6.7#	0	130			
4 3/4		130	160			



S.W. 1/4 SE Sec. 17 T. 15 R. 17

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 **10** feet.

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

Pumping Water Level **60** feet at **50** gal. per minute.

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

How Tested **With Air** 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)

Sealed on Bottom with shoe.....

19
Driller's License Number

George O. Singley
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.

16670

COPY

Filed DEC 9 1963
11:00 11:00 11:00
District A. 1.
Way Rethler
County Clerk and Recorder

\$200.00

|

G 17233

File No.

DUPLICATE

Approved State Engineer

Township

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lloyd E. ... (Name of Appropriator) ... (Address) ... (Town)

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

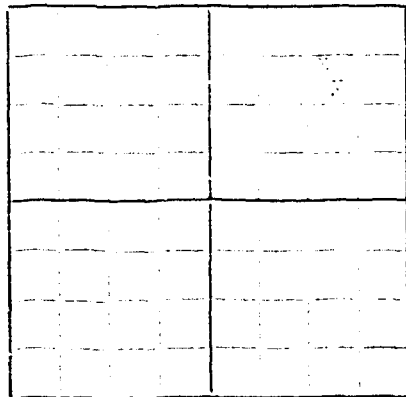


FIGURE Sec. 10, T. 11, R. 17

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, such as water, ...

3. Date or approximate date of earliest beneficial use; and how continuous the use has been, drilled well continuous since ...

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

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

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

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

8. The depth of water table at point of withdrawal ...

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

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

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

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

Signature of Owner

Date Dec. 26, 1963

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

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

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

17233

COPY

State of Indiana
Court of Appeals

DEC 30 1963

19

at 10:30

Wray Rethman
Clerk and Recorder

\$ 200.00

File No. 17253

T 15 R 17

DUPLICATE

County Fergus

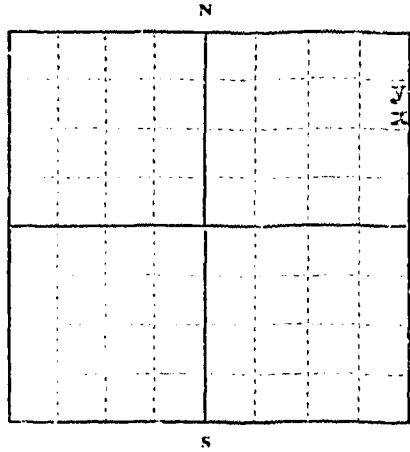
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECORDED
JAN 2 1962
OFFICE OF CLERK

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Fred Jenni, of R.R. #2, Lewistown, (Name of Appropriator) (Address) (Town)
County of Fergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 NE Sec. 21 T.15 R. 17

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 and irrigation.
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. x drilled well 1916 y dug well 1940 - both in continuous use.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). x about 5 gal. per minute y about 5 gal. per minute.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. x and y used for yard and garden NE, NE1/4 about 1 acre.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. electric pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. x drilled in 1916 x dug in 1940.

8. The depth of water table x about 90 ft. - y about 15 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. x drilled well with 4 inch casing 120 ft. y - 4 ft. by 4 ft. concrete lined well 15 ft deep.

10. The estimated amount of groundwater withdrawn each year 5,256,000 gallons.

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

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

Signature of Owner Fred Jenni

Date Dec 20 1961

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.

17253

COPY

State of California
County of [illegible]

Filed DEC 30 1963
at 11:35 o'clock A.M.

Way Nathan
Clerk and Ex. Sec.

200 ps

Form No. 18
8-60

T. _____ R. _____

County _____

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

STATE ENGINEER

Owner _____ Address _____

Driller _____ Address _____

Date Started _____ Date Completed _____

Location: Sec. _____ T. _____ R. _____ $\frac{1}{4}$ sec. _____

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

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

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: _____ feet.

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

Pumping water level _____ feet at _____ gal. per min. _____

How tested: _____

Length of test _____

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

_____ *valley about 20 years ago* _____

(over)

67

17395

Approved State Engineer State Publishing Co. Helena, Montana—1962

File No.

Sec. 27, 28 T. 15N. R.R. 17E.

DUPLICATE

County, Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

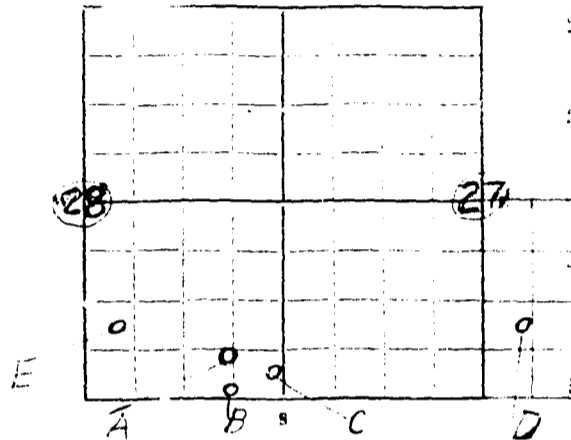
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

DEVELOP A
1 John E. McMillan and Anna E. McMillan of Rte. 2 Lewistown, Montana
(Name of Appropriator) (Address) (Town)
County of Fergus State of Montana

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

Water developments are marked A, B, C, D, and E, for reference in this declaration.



1/4 Sec. 27 & 28, T. 15N. R. 17E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Angus McMillan appropriated water for domestic and other uses from development A in 1881. Well B dug in basement March 1944. Spring C developed in fall of 1928. Spring D developed the fall of 1924. Water pumped from E hole in creek September 1948 for irrigation.
4. The amount of groundwater claimed (in miner's inches or gallons per minute) A; four gallons per minute. B; three gallons per minute. C; three gallons per minute. D; five gallons per minute. E; 250 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. Excess from dwelling or overflow from developments A, B, C and D, used to irrigate lawn, garden, orchard and yards in SESE sec. 28. Development E, used to irrigate 16 acres in W4SE sec. 28.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. A, C, and D, flow by gravity. Well B, pumped with electric motor and pressure tank. Development E, pumped with a rotary pump with six inch intake pipe powered with a 35 HP tractor.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well B, started and completed during March 1944 hand dug 12 feet deep and cased with a 30 inch culvert placed vertical.

8. The depth of water table. A, two feet. B, ten feet. C, four feet, tile laid in trench and pipe taken from a concrete box. D, two feet. E, four 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 B, hand dug in basement 12 feet deep and cased with a 30 inch galvanized culvert placed vertical. Developments A, C, and D have tile laid in trench at springs then a pipe 1 1/2 inches in diameter taken from source and reduced to 1 1/4 inch pipe which carried water to dwelling.

10. The estimated amount of groundwater withdrawn each year. A, B, C, and D eight acre feet. E, from none to 16 acre feet.

11. The log of formations encountered in the drilling of each well if available. All from gravelly lean formation underlain with clay and dark 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. Dates of original filing on land may show in General U. S. Land Office for this area.

Signature of Owner *John E. McMillan*

Date 10/10/61

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.

17395

17395

State of *Ill.*
County of *Ill.*

COPY

Made DEC 20 19

at 3.40 o'clock P.M.

\$2.00 *MAY RATHBUN*
County Clerk and Recorder

63.

File No. 17651

T 15N R 17E

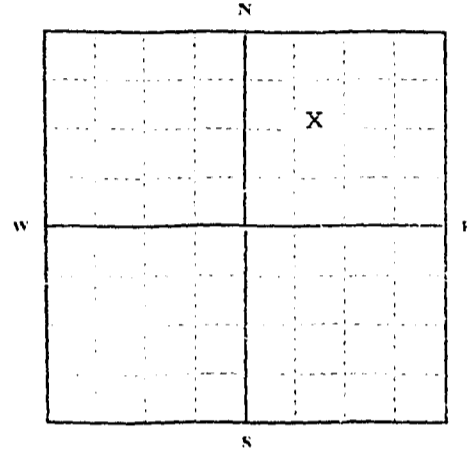
DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

1. Frank J. Yaeger of Rte 2 Lewistown
(Name of Appropriator) (Address) (Town)
County of Fergus State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NE Sec. 27 T. 15N R. 17E
Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.

2. The beneficial use on which the claim is based
Domestic stock water
 3. Date or approximate date of earliest beneficial use; and how continuous the use has been
Since homestead
 4. The amount of groundwater claimed (in miner's inches or gallons per minute)
2 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
Not applicable
 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Percolation
 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Not applicable
 8. The depth of water table
Surface
 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Not applicable
 10. The estimated amount of groundwater withdrawn each year
Not applicable
 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
- Signature of Owner Frank J. Yaeger
Date

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

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

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

17651

State of Michigan
County of ... ss.

COPY

Filed _____ 19____
at _____ o'clock P.M.

1272

MAY T. TEBUN
County Clerk and Recorder

GW

17652

File No.

T 15N R 17E

DUPLICATE

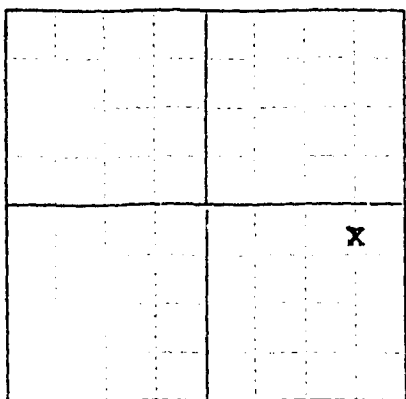
County Fergus

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. **Frank J. Yaeger** of **Rte. 2** **Levistown**
 (Name of Appropriator) (Address) (Town)
 County of **Fergus** State of **Montana**
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 Sec 27 T.15N R.17E

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

2. The beneficial use on which the claim is based **domestic stock water, irrigation and personal**
3. Date or approximate date of earliest beneficial use; and how continuous the use has been **since homestead**
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
Two acres in NE 1/4 SE 1/4, Section 27, Township 15N., Range 17 E.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater **Approx. 1953**
8. The depth of water table **5'**
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater **Surface well cased with 12" metal casing 15' deep**
10. The estimated amount of groundwater withdrawn each year **350,000 gallons**
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**

Signature of Owner

Frank J. Yaeger

Date

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

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

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

17652

State of Montana, }
County of Park. } ss.

COPI

Filed _____ 19____
at _____ o'clock _____ M.
\$ 200
MAY PATHEUN
County Clerk and Recorder

17751

Section 28T 15N R17E.

DUPLICATE

County Fergus

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)

Divided water; about equal amount to each of two parties appropriating this water.

Date of Appropriation of Groundwater **October 7, 1963**

Owner **Donald A. McMillan** Rte. 2 Lewistown, Montana
John E. McMillan Address Rte. 2 Lewistown, Montana

Contractor (if any) **Fred Youderian**
139 13th Ave. So.
Address of Contractor **Lewistown, Montana**

Date Started **Oct. 7, 1963** Date Completed **October 15, 1963**

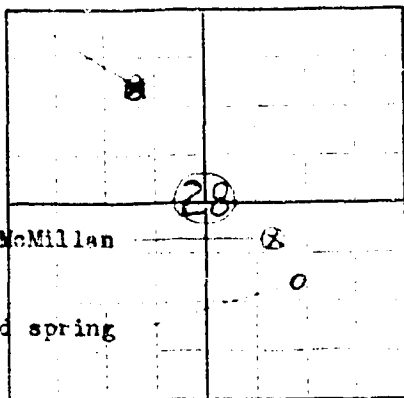
Describe means of obtaining groundwater without a well (as by sub-irrigation and other natural processes). Include depth to water when applicable. **Dug out above a natural flowing spring. Trench 80 feet long ten feet deep along sidehill above a natural spring and seep. Cobblestones laid in trench and plastic pipe 1 1/2 inch in diameter taken from a vertical galvanized culvert set in cobblestones at one end of trench. Piped four hundred feet northwest where a T was placed in pipe and a portion of the flow was taken to the property of Donald A. McMillan with 3200 feet of 1 1/2 inch plastic pipe. John E. McMillan placed a stockwater tank about 30 feet from the T and Donald A. McMillan at the end of pipe. Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent Flow measured with bucket or small barrel.**

estimate approximate lengths of periods of use **Flow measured at 15 gallons a minute. Developed especially for use during winter months, for stockwater but other uses may be made of water at other seasons. Water from this natural had been used for stockwater since 1881 by the McMillan family.**

Donald A. McMillan
trough

John E. McMillan
trough

Developed spring



1/4 Sec. 28 15N R17E.

Indicate point of appropriation and place of use, if possible. Section marked at center.

Signature of Owner *Donald A. McMillan*
Date *Oct. 15, 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

17751

State of Montana }
County of Fergus. }^{ss.}

COPY

Filed DEC 31 1963 19

at 3:40 o'clock P.M.

\$ 2.00

MAY RATHBUN
County Clerk and Recorder

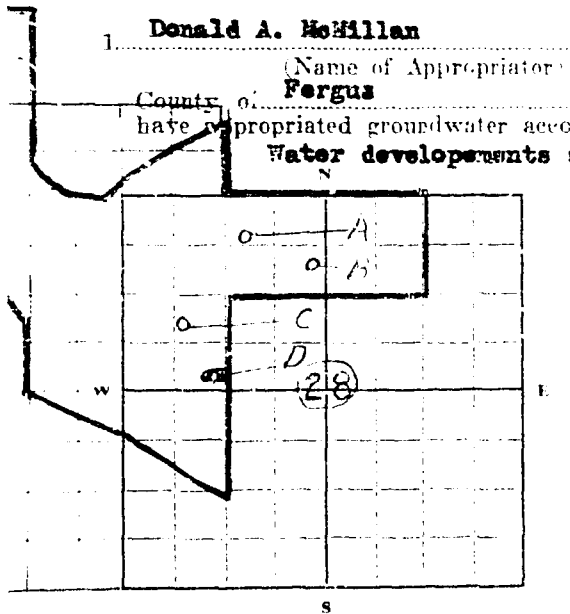
DUPLICATE

County Fergus

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)



1. Donald A. McMillan of Rte. 2 Lewistown, Montana
 (Name of Appropriator) (Address) (Town)
 County of Fergus State of Montana

have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:
 Water developments are marked A, B, C and D for reference in this declaration.

1/4 Sec. 28 T. 15N. R. 17E.

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

2. The beneficial use on which the claim is based. Domestic use; water for livestock and for irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. A, well in basement dug Feb. 1930; B, Spring developed May 1927 both used for house, yard and garden. C and D are holes in creekbed from which irrigation water has been pumped since Sept. 1952.

4. The amount of groundwater claimed (in miner's inches or gallons per minute). A, Three gallons per minute, B, six gallons per minute. C and D Two hundred fifty 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. From A and B one acre in NE1/4 sec. 28, From C and D twenty acres in W1/2 of sec. 28. E. 15N. R. 17E. Donald A. McMillan Natural irrigation to hay lands from spring B to Angus McMillan and his heirs since 1881.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. A, pressure pumps 1 inch or 1 1/2 inch intake with 1/2 or 1/3 H.P. motor. C and D Rotary pump six inch intake run with a 3/4 horsepower motor.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Well A dug in 1930, casing put in during November of 1930. Spring B dug out and tile laid in trench 60 feet to a concrete box in May 1927 but pipeline to house not covered until October 1927.

8. The depth of water table. A 14 feet. B four to six feet. C and D four 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 pump was installed at well A in 1930, then was replaced with electric powered motor and pump January 1940. Well A was dug by hand tools is 18 inches in diameter and bottom is nine feet below basement floor. Spring B flows by gravity through a 1 1/2 inch pipe at springbox reduced to a one inch pipe which carries water over 600 feet to dwelling.

10. The estimated amount of groundwater withdrawn each year. A and B about 6 acre feet per year. C and D from none to 20 acre feet per year.

11. The log of formations encountered in the drilling of each well if available. Dug through gravelly loam and hit a layer of clay and blue shale at bottom of developments A and B.

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 from development B also used for stockwater and overflow in ditch also used to irrigate yard and garden.

Signature of Owner Donald A. McMillan
 Date June 30, 1963

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

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

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

17394

State of Montana
County of Hill

COPY

Filed DECEMBER 1919

at 3:40 o'clock P.M.

\$ 2.00 S.D. MAY BATHUN
County Clerk and Recorder

GW

17693

File No.

T 15 R 17

DUPLICATE

County *Fergus*

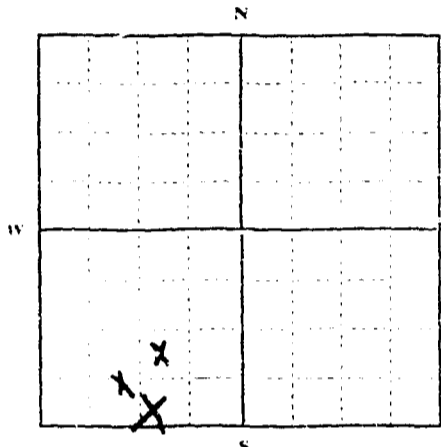
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Charles Yeager Estate by of *Ste 2 Remington*
(Name of Appropriator) *Estle Yeager* (Address) (Town)

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



Sec 28 T. 15 R. 17

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 *Livestock and domestic use.*
- Date or approximate date of earliest beneficial use; and how continuous the use has been *Has been in use since before 1935 when the ground was first used continuously.*
- The amount of groundwater claimed (in miner's inches or gallons per minute) *3 gals 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 *Used just for lawn and trees in immediate yard.*
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal *natural flowing springs*
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater *Storage tank completed about 10 years ago. Own one sub water tank for stock.*
- The depth of water table *Surface*
- 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*
- The estimated amount of groundwater withdrawn each year *maximum*
- The log of formations encountered in the drilling of each well if available *no drilling - natural springs*
- Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record *no other information known.*

Signature of Owner *Charles Yeager Estate*
Estle Yeager
Date *2-31-63*

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

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

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

17693

17693

COPY

State of Nevada
County of Washoe

Filed _____ 19____
at _____ 30 _____ o'clock P. M.
\$0.25
MAY BEEHUN
County Clerk and Recorder

T. 15 R. 17

County: **Fergus**

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner **A. L. Yaeger** Address **Lewistown, Montana**

Driller **O. C. Thatcher** Address **Stanford, Montana**

Date Started **Sept. 10, 1957** Date Completed **Sept. 21, 1957**

Location: Sec. **31** T. **15** R. **17** 1/4 sec. **SW 1 NE 1**

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

Water use: Domestic Municipal Stock Irrigation

Industrial Drainage Other: _____

Casing: **956** ft. to **955** ft. Type **Galv.** Size **2"**

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

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

Perforated or Screened: Ft. **923** to ft. **955** Ft. _____ to ft. _____

Type of screen or perforations **slit**

Static Water level, for non-flowing well: _____ feet.

Shut-in pressure, for flowing well: **Approx 10** lb. sq. in. on: **Sept. 20, 1957**
(date)

Pumping water level _____ feet at _____ gal. per min.

How tested: _____

Length of test _____

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

Cemented with 6 sacks of cement

(over)

9068

COPY

State of Montana }
County of [unclear] }

Filed MAR 27 1962 19
at 6:00 o'clock P.M.

May Rathbone
County Clerk and Recorder

\$ 2.00 - pr

File No. 17070

DUPLICATE

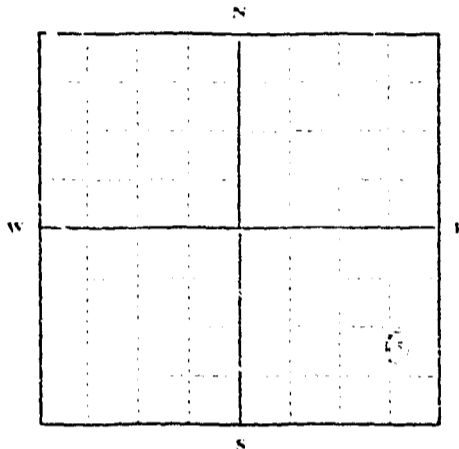
County: *Flourish*

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. *John D. Mueller* of *Flourish* (Name of Appropriator) of *Flourish* (Address) (Town)
County of *Flourish* State of *Montana*
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S. 14. 5E. Sec. 33 T. 15 R. 17
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. *from 1910 to present*
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). *100 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. *none*
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. *artesian*
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. *1963*
- 8. The depth of water table. *100 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. *2 inch pipe*
- 10. The estimated amount of groundwater withdrawn each year. *100 miner's inches*
- 11. The log of formations encountered in the drilling of each well if available. *see log*
- 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 *John D. Mueller*
Date *Dec 26, 1963*

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

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

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

17070

COPIES

State of Missouri, Mo.
County of St. Louis

Filed DEC 26 1963 18
at 2:30 P.M.

Wm. Nathan
County Clerk and Records

200-21