

File No.

DUPLICATE

T. 9N R 28E
County Musselshell

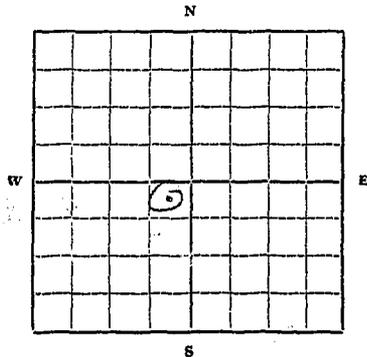
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 8 1964

STATE ENGINEER

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

1. Marcus Dean Howard of Delphie
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 SW Sec 32 T 9 R 28

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 date of earliest use 1910 as continuous since 1910

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

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 10' below 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 dug well, six inch galvanized casing 8 ft deep

10. The estimated amount of groundwater withdrawn each year 756,000 gals.

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.

Signature of Owner Marcus Dean Howard

Date December 27, 1963

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

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

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

20663

169819

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 31 DAY OF

Dec A. D. 19 63

AT 6:44 O'CLOCK P. M.

HELEN MATZKY

COUNTY RECORDER

Frances L. Dawson
2nd DEPUTY

File No.

DUPLICATE

T. 9N R. 28E 32

County Marshall

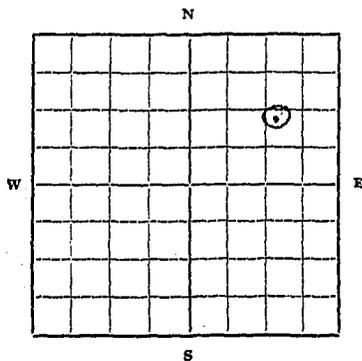
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE JAN 3 1964
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Marena Dean Henrichs of Delphie
(Name of Appropriator) (Address) (Town)
County of Marshall 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. 32 T. 9 R. 28 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
& irrigation
- Date or approximate date of earliest beneficial use; and how continuous the use has been 17 inch 1949
continuous use for house,
yard, garden & livestock.
- The amount of groundwater claimed (in miner's inches or gallons per minute) Seven gpm 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 yard & garden 1 acre
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal jet pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1949
- The depth of water table 10 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 drilled well, approx
85 feet deep
- The estimated amount of groundwater withdrawn each year 2,136,200 gals
- The log of formations encountered in the drilling of each well if available not 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 Marena Henrichs
Date December 27, 1963

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

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

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

20662

169818

STATE OF MONTANA, }
MUSSELSHELL COUNTY. } ss

FILED THIS 31 DAY OF

Dec A. D. 1963

AT 6:42 O'CLOCK P.M.

DEPUTY

COUNTY RECORDER

Francis L. Dawson
200 DEPUTY

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—39085

32

File No.

T. 9 N. R. 28

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
OCT 5 1962
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.....)

06 surface soil + rock
6 34 quick sand
34 35 hard sand rock
35 44 porous sand H₂O

Owner Marcus H. Hirsicker Address Bellevue, Mont.

Driller P. L. Ferguson Address Round Bay, Mont.

Date of Notice of Appropriation of Groundwater Sept 20, 1962

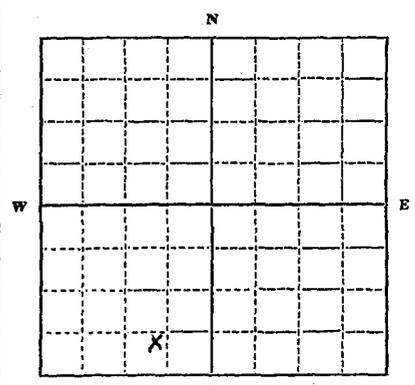
Date well started Sept 27, 1962 Date Completed Oct 1, 1962

Type of well drum 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.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
10 in	8 in 32 lbs	1	34			



S. 1/4 Sec. 32 T. 9. R. 28
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

44 Show exact depth of bottom.

Static Water Level for non-flowing Well 30 feet.

Shut-in Pressure for Flowing Well does not apply

Pumping Water Level 35 feet at 30 gal. per minute.

Discharge in gal. per min. of flowing well does not apply

How Tested backing Length of Test 30 min

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) drawn

8 in casing to 34 feet

top of hard sand

rock

34
Driller's License Number

P. L. Ferguson
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.

2193

166884

STATE OF MONTANA }
MUSSELSHELL COUNTY. } ss.

FILED THIS 3 DAY OF
October A. D. 1962
AT 3:45 O'CLOCK P.M.

B. H. MATZKE
COUNTY RECORDER

Clair J. Gosman DEPUTY

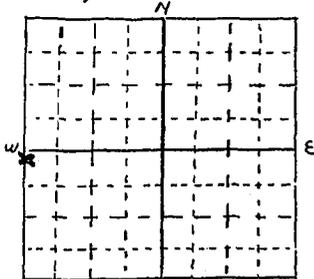
T. 9 N E 33
R. 28
County. Musselshell

State of Montana
Administrator of groundwater Code
Office of State Engineer

RECEIVED
JAN 3 1964
ENGINEER

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

1. School District # 13, of Delphia
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 SW 1/4 Sec. 33 T. 9 R. 28

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
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been ... 1920
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute), ... 7.9 gal./min.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
j.e.t. pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water ... 4-1-1920 ... 7-0 ... 5-1-1920
- 8. The depth of water table ... 15' below 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.....
85-100' deep well - 10" casing
- 10. The estimated amount of groundwater withdrawn each year... 1,500,000 gallons.
- 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 count record.....
none

School District #13

Signature of Owner By: M. Marcus [Signature]
Chairman
Date Dec. 31, 1962

169779

STATE OF MONTANA, }
MUSSELSHELL COUNTY, }

FILED THIS 31 DAY OF

December A. D. 19 63

AT 5:24 O'CLOCK P.M.

EMIL MATZKE

COUNTY RECORDER

Francis L. Dawson

DEPUTY

2

9-14

C

T. R. ...
County. **Musselshell**

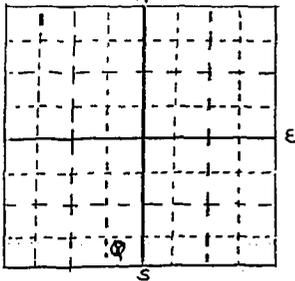
State of Montana
Administrator of groundwater Code
Office of State Engineer

RECEIVED
DEC 30 1963

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

STATE ENGINEER

1. **Wesley and Betty Goffena**, of **Delphia**, **Montana**,
(Name of Appropriator) (Address) (Town)
County of **Musselshell**, State of **Montana**,
have appropriated groundwater according to the Montana laws in effect prior to January 1,
1962, as follows:



SW 1/4 Sec 9...T.. 28R

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 ... **Oct. 9, 1961**
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)..... **5 gallons per minute**
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof... **None used for irrigation**
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
..... **Submersible pump**
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water
... **Commenced on Oct. 9, 1961 and completed on Oct. 14, 1961**
- 8. The depth of water table **.150 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 groundwal of groundwater.....
..... **Drilled well with 6 inch casing at a depth of 260 feet**
- 10. The estimated amount of groundwater withdrawn each year... **several thousand gallons**
- 11. The log of formations encountered in the drilling of each well if available.....
..... **attached**
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any count record.....
..... **None**

Signature of Owner. *Betty Goffena*

Date **Dec. 27, 1963**

169453

STATE OF MONTANA,
MUSSELSHELL COUNTY. }
THIS 27 DAY OF

dec A. D. 1923
AT 3:26 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson
2.00

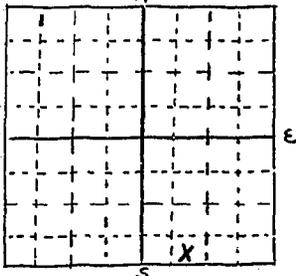
State of Montana
Administrator of groundwater Code
Office of State Engineer

RECEIVED
JAN 10 1964

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

STATE ENGINEER

1. Bert H. Davis, of Delphia, Delphia, Montana, (Name of Appropriator) (Address) (Town) County of Musselshell, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



- 2. The beneficial use on which the claim is based..Stock.....
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been ..1940..and in continuous use since then.....
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)....30 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.....

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

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 ground water ..The year of 1940.....

8. The depth of water table ...85 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 groundwal of groundwater..... 85 feet depth, 6 inch casing.....

10. The estimated amount of groundwater withdrawn each year...153,000 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 count record..... none available.....

Signature of Owner. Bert H. Davis

Date ..January 2, 1964.....

GW

Approved Stock Form—State Publishing Co., Helena, Montana—41921

File No.

T. 9 N. R. 28E 36

TRIPPLICATE

County Musselshell

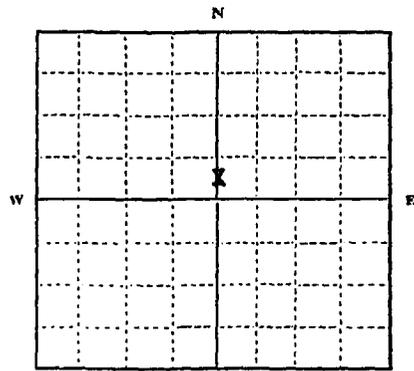
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 2 1964

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

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



Center
1/4 Sec. 36 T. 9 R. 28

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
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1947; continuous since that date.
- 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 Pump and engine

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater In 1947.
- 8. The depth of water table Not known. I believe about 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 100 feet.
- 10. The estimated amount of groundwater withdrawn each year 15,000 gallons per year estimate.
- 11. The log of formations encountered in the drilling of each well if available Not available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None available

Signature of Owner B. Bohlan
Date 12-30-63

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.

17793

160504

STATE OF MONTANA, }
MUSSELSHELL COUNTY. }

FILED THIS 30 DAY OF

Dec A. D. 19. 61
AT 11:46 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson
DEPUTY

5-00

GV

Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.

T. 9 N R. 29 E

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963

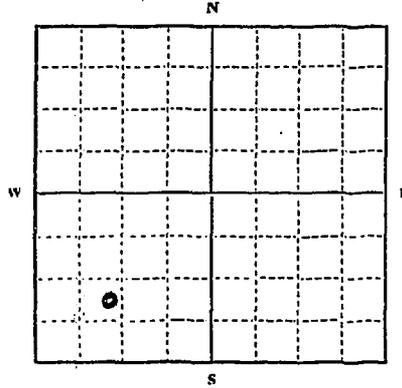
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Chris Lang, of Melstone, Mont
(Name of Appropriator) (Address) (Town)

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



SE 1/4 Sec. 8 T. 9 R. 29

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Aug. 1953
used each year

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 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 none

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Aug 1953

8. The depth of water table 110 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

6" casing, 160' deep, 1 1/2" tubing with 3/4" rods and 2" working barrel, pump, pump jack with engine motor.

10. The estimated amount of groundwater withdrawn each year 175,000 gals.

11. The log of formations encountered in the drilling of each well if available 0-20 light sandy clay, 20-26 hard sandstone, 26-45 porous sandstone, 45-70 light sandy clay, 70-85 light sandy clay with water, 85-120 light blue clay shale, 120-153 porous sandstone with coal, 133-155 porous sandstone increased, 155-160 sandy clay.

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 filed at Musselshell County

Signature of Owner Chris Lang

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. 13605

169393

STATE OF MONTANA,
MUSSELSHELL COUNTY. } ss.

FILED THIS 26 DAY OF

December A. D. 19 63

AT 4:15 O'CLOCK P M.

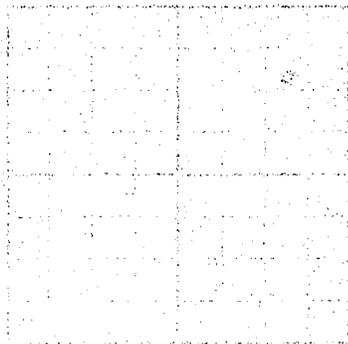
B. H. MATZKE

COUNTY RECORDER

Clair J. Evans

DEPUTY

2.00



26 DEC 1963

STATE OF MONTANA, MUSSELSHELL COUNTY, DEPARTMENT OF REVENUE, 1000 EAST WASHINGTON, BUTTE, MONTANA 59701

GW 4

T. 9 N. R. 29 E.
County Musselshell

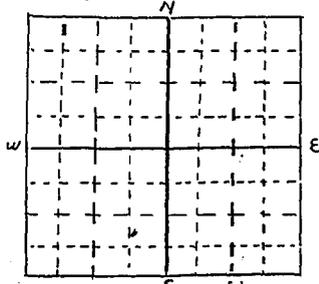
State of Montana
Administrator of groundwater Code
Office of State Engineer

RECEIVED
JAN 3 1964

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

STATE ENGINEER

1. R. Bennett and Thelma B. Jacobs, of Box 127, Musselshell, Montana
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 SE 1/4 Sec. 9 T. 29 N. R. 9 E.

- 2. The beneficial use on which the claim is based.....
Household use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 1955 continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)..... 12 gallon per minute
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
pressure system Sw 1/4 of SE 1/4 sec. 20 T. 9 N. R. 9 E.

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

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water June 1955
- 8. The depth of water table 7 FT from ground level..... 20 ft. at 12 P.M.
- 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.....
4 1/2 inch 90 ft. deep drilled
- 10. The estimated amount of groundwater withdrawn each year..... 200,000 gallons
- 11. The log of formations encountered in the drilling of each well if available.....
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any count record.....

Signature of Owner: R. Bennett Jacobs
Thelma B. Jacobs

Date Dec. 30, 1963

169628

STATE OF MONTANA, }
MUSSELSHELL COUNTY, }^{ss.}

FILED THIS 31 DAY OF
December A. D. 19 63
AT 9:56 O'CLOCK AM

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson
DEPUTY

2⁰⁰

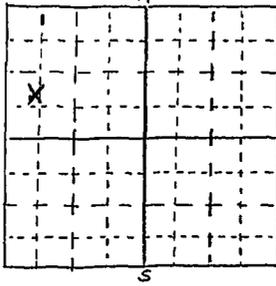
T. 9 R. 29
County: Musselshell

State of Montana
Administrator of groundwater Code
Office of State Engineer

RECEIVED
JAN 2 1964

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

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



- 2. The beneficial use on which the claim is based... Stock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1915; continuous since that date.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute). 100 gallons per hour.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. None
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. pump
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water 1915.
- 8. The depth of water table 35 feet.
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. 3 inch casing; 70 feet depth.
- 10. The estimated amount of groundwater withdrawn each year. 350,000 gallons a 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 count record. None

Signature of Owner D. W. Walker
Date 12-30-63

169558

STATE OF MONTANA,
MUSSELSHELL COUNTY, } ^{SE.}

FILED THIS 30 DAY OF

Dec A. D. 19 63

AT 2:15 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson

DEPUTY

\$2.00

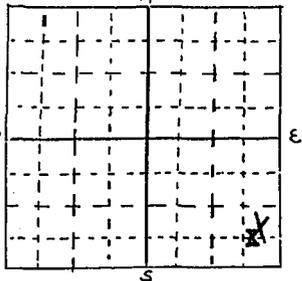
State of Montana
Administrator of groundwater Code
Office of State Engineer

RECEIVED
JAN 2 1964

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

STATE ENGINEER

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



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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1927; continuous since that date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 100 gallons per hour.

SE 1/4 SE Sec. 10. T. 9...R 29 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... Na

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

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 ground water .. 1927

8. The depth of water table .. 85 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 groundwal of groundwater.....
..... 90 feet.

10. The estimated amount of groundwater withdrawn each year.. 170,000 gallons 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 count record.....
..... Not available

Signature of Owner D. W. Walker

Date ... 12-30-63

169559

STATE OF MONTANA, } ss.
MUSSELSHELL COUNTY. }

FILED THIS 30 DAY OF

Dec A. D. 19 63

AT 2:16 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson

DEPUTY

\$2.00

File No.

T. 9 N. R. 29 E.

DUPLICATE

County Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

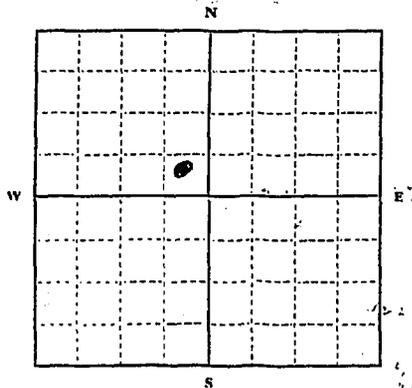
RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights

STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Lesley Foster, of Melstone
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 13, T. 9, R. 29

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. 1940 continuously

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 7 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. Pool pump & windmill

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

8. The depth of water table. From 30 feet below surface to 210 feet below

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. 4 inch cased well

10. The estimated amount of groundwater withdrawn each year. 225,000 gallons

11. The log of formations encountered in the drilling of each well if available. Water comes from sandstone above Mc. Clary coal vein

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 Lesley Foster

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.

169306

STATE OF MONTANA,
MUSSELSHELL COUNTY.

FILED THIS 23 DAY OF
Dec A. D. 19 63

AT 9:38 O'CLOCK AM

B. H. MATZKE

COUNTY RECORDER

Udine J. Gossmad
DEPUTY

2.00

File No.

T. 14 R. 24

DUPLICATE

County: Musselshell

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

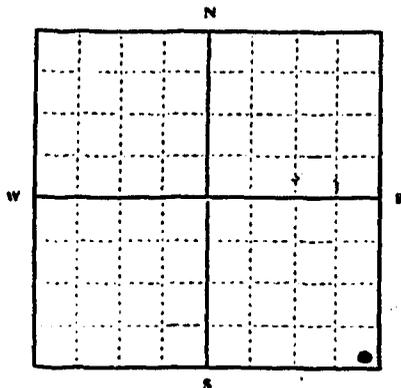
RECEIVED
DEC 26 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Lestly Foster of Melstone
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. T. 9 R. 24
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. Used for domestic water from 1918 to 1936 then used as stock water from 1940 continuously to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) Up to 6 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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal rod pump & wind mill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Approximately 1918

8. The depth of water table From 21 feet below surface to 300 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
3 inch hole with 2 inch casing

10. The estimated amount of groundwater withdrawn each year 250,000 gallons

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

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 Lestly Foster
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; Triplente to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

169307

STATE OF MONTANA,
MUSSELSHELL COUNTY, ^{1st}
FILED THIS 23 DAY OF
Dec A. D. 1963
AT 9:39 O'CLOCK A.M.
B. H. MATZKE
COUNTY RECORDER
Clarence J. Gosman
DEPUTY

2.00

GW 4

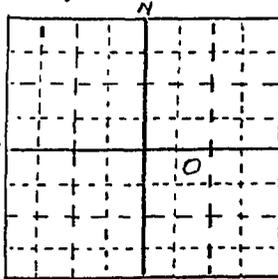
T. 9N R. 29 E
County Musselshell

State of Montana
Administrator of groundwater Code
Office of State Engineer

RECEIVED
JAN 8 1964
ENGINEER

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

1. W. B. Strang, of Musselshell, (Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 of Sec. 15, T. 9N, R. 29E

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 on range land.....
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1946 and each year since.....
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) ... 30 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.....
One inch centrifugal pump with gasoline motor, SE 1/4 of Sec. 15
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water 1946.....
- 8. The depth of water table ... 9 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.....
.. Dug well - size 5 feet by 5 feet - 12 feet deep.....
- 10. The estimated amount of groundwater withdrawn each year. 300,000 gallons.....
- 11. The log of formations encountered in the drilling of each well if available.....
.. 0 to 6 feet sandy loam soil - 6 feet to 12 feet mixed sand and small gravel.....
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any court record.....

Signature of Owner *W. B. Strang*
Date Dec. 31, 1963.....

20612

169768

STATE OF MONTANA, (ss
DEWELL COUNTY.)

FILED THIS 31 DAY OF

December A. D. 19 63

AT 5:02 O'CLOCK P.M.

E. E. MATZKE

COUNTY RECORDER

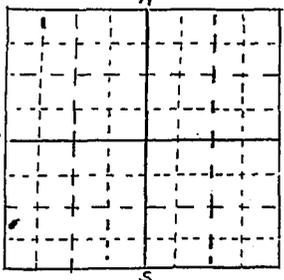
Francis L. Dawson
202 DEPUTY

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. R. Bennett and Thelma B. Jacobs, of Box 127 Musselshell
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1,
1962, as follows:



S.E. 1/4 Sec. 9 T. 29 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.....
..... Stock water
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been .. 1948 as needed
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) .. 6 G.P.M.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
..... cylinder pumpjack
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water .. 1948 November
- 8. The depth of water table 160 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.....
..... 4 inch drilled 240 ft.
- 10. The estimated amount of groundwater withdrawn each year .. 100,000 gallons
- 11. The log of formations encountered in the drilling of each well if available.....
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any count record.....

Signature of Owner *R. Bennett Jacobs*
Thelma B. Jacobs
Date *Dec. 30. 1963*

169630

STATE OF MONTANA,
MUSSELSHELL COUNTY, 1st SS.

FILED THIS 31 DAY OF
December A. D. 19 63
AT 10:00 O'CLOCK AM

E. H. MATZKE
COUNTY RECORDER

James L. Dawson
DEPUTY

2 00

File No.....

DUPLICATE

T. 9^N R. 29^E 18
County Musselshell

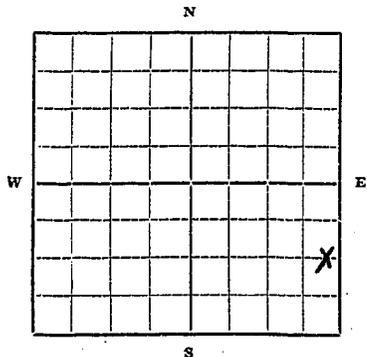
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 11 1963

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

STATE ENGINEER

1. Roy W. McGuffee of Box 42 Musselshell
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec 18 T. 9 R. 29

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 live stock needs
- Date or approximate date of earliest beneficial use; and how continuous the use has been 1915 as requires which is not constant
- The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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 None
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal windmill and engine with pump jack SE 1/4 NE 1/4 of SE 1/4 Sec. 18 - T 9 - R 29
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1915
- The depth of water table 35 Feet
- So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled - 3 inch - 165 Feet windmill & engine
- The estimated amount of groundwater withdrawn each year 15000 gallons.
- The log of formations encountered in the drilling of each well if available Not known.
- 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 Roy W. McGuffee
Date Dec 10, 1963

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

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

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

169103

STATE OF MONTANA, }
MUSSELSHELL COUNTY, }sa

FILED THIS 10 DAY OF

Dec A. D. 1963

AT 2:27 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson
DEPUTY

2.00

[Faint, mostly illegible text, possibly a recording or index entry]

File No.

DUPLICATE

T. 9^N R. 29^E 18
County Musselshell

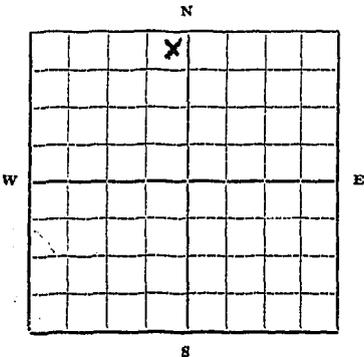
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 11 1963

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

STATE ENGINEER

1. Roy W. McCaffree of Box 42 Musselshell
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 18 T. 9 R. 29
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 House and live stock needs
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1915 Constant
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 70 gals 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, 1/4 acre. Roy W. McCaffree NE 1/4 of NE 1/4 of the NW 1/4 of Sec 18 T 9 R 29
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Jet water system, NE 1/4 of NE 1/4 of the NW 1/4 of Sec 18 T 9 R 29
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1915
- 8. The depth of water table 40 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 - 3 inch - 165 feet
Jet water system
- 10. The estimated amount of groundwater withdrawn each year 160,000 gallons Per Year
- 11. The log of formations encountered in the drilling of each well if available Not known
- 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 Roy W. McCaffree
Date Dec 10, 1963

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

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

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

169104

STATE OF MONTANA,
MUSSELSHELL COUNTY. }⁵²

FILED THIS 10 DAY OF

Dec A. D. 1963

AT 2:29 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Dawson

DEPUTY

2.00

GW 4

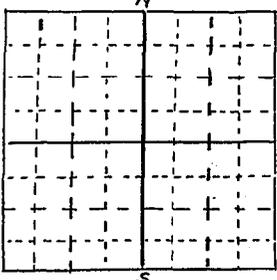
T. 9 N R. 29e
County... Musselshell

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)

I, R. Bennett and Thelma B. Jacobs, of Box 127, Musselshell, Musselshell County, Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1. 1/4 Sec. T. 29 N. R. 29 E.

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

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

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

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal... cylinder-pumpjack set sec. 20 T. 29 R. 29 E.

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

8. The depth of water table... 9 ft. from ground level... 21 ft. at 12 g.p.m.

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 groundwal of groundwater... drilled 4 inch... 80 ft.

10. The estimated amount of groundwater withdrawn each year... 80,000 gallons

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

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 count record

Signature of Owner: *R Bennett Jacobs*
Thelma B Jacobs
Date: Dec. 30, 1963

169629

STATE OF MONTANA, }
MUSSELSHELL COUNTY, } SE.

FILED THIS 31 DAY OF
December A. D. 19 63
AT 9:58 O'CLOCK AM

E. H. MATZKE

COUNTY RECORDER

Francis L. Dawson
DEPUTY

2⁰⁰

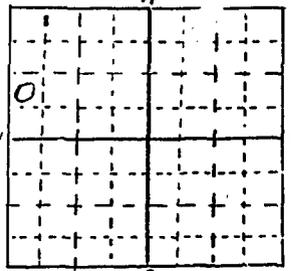
Section 22 22
T. 29 N. R. 29 E.
County Musselshell

State of Montana
Administrator of groundwater Code
Office of State Engineer

JAN 3 1964

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

1. W. B. Strong of Musselshell
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N.W. 1/4 of Sec 22, T. 29 N., R. 29 E.

2. The beneficial use on which the claim is based. water for homes, well and stock water for winter pasture

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1906 and each year since

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

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. jet pump with pressure tank NW 1/4 of section 22

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water Mar. 2, 1906

8. The depth of water table 16 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. 4 inch hole - 320 feet deep - 4 inch casing to bedrock

10. The estimated amount of groundwater withdrawn each year. 420,000 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 court record.

Signature of Owner W. B. Strong
Date December 31, 1963

169768

STATE OF MONTANA, ^{1st}
MUSSELSHELL COUNTY, ^{1st}

FILED THIS 31 DAY OF
December A. D. 1963
AT 4:58 O'CLOCK P.M.

~~NOT RECORDED~~
COUNTY RECORDER

Frances L. Dawson
2⁰² DEPUTY

Section 22 in
T...9N...R...29E
County Musselshell

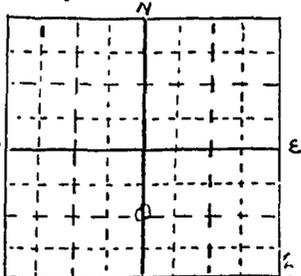
State of Montana
Administrator of groundwater Code
Office of State Engineer

JAN 8 1964

22

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

1. **W. B. Strang**, of... **Musselshell**
(Name of Appropriator) (Address) (Town)
County of **Musselshell** State of **Montana**
have appropriated groundwater according to the Montana laws in effect prior to January 1,
1962, as follows:



- 2. The beneficial use on which the claim is based.....
... Stock water on range land
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been **5-2-1957 and each year since....**
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) ... **8 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.....
S. 2 of Sec. 22 T. 9 N. R. 29 E.
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Pump and pump-jack - north 1/2 of Section 22.....
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water ... **5-2-57.....**
- 8. The depth of water table **52 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 groundwal of groundwater.....
. 5-5/8 inch hole. r. 105 feet deep. r. 36 feet of 4 inch casing to bedrock.....
- 10. The estimated amount of groundwater withdrawn each year.. **240,000 gallons.....**
- 11. The log of formations encountered in the drilling of each well if available.....
.. 0 to 45 feet sandstone. r. 45 to 75 feet shale. r. 75 to 85 feet water sand. r.....
.. 85 feet to 105 feet blue 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 count record.....

Signature of Owner *W. B. Strang*
Date **Dec. 31, 1963.....**

206''

169767

STATE OF MONTANA,
MUSKIELELL COUNTY, ¹⁸²

FILED THIS 31 DAY OF
December A. D. 19 63
AT 5:00 O'CLOCK P.M.

Francis L. Dawson
2⁰² COUNTY RECORDER
DEPUTY

File No. 114785 STATE WATER CONSERVATION BOARD

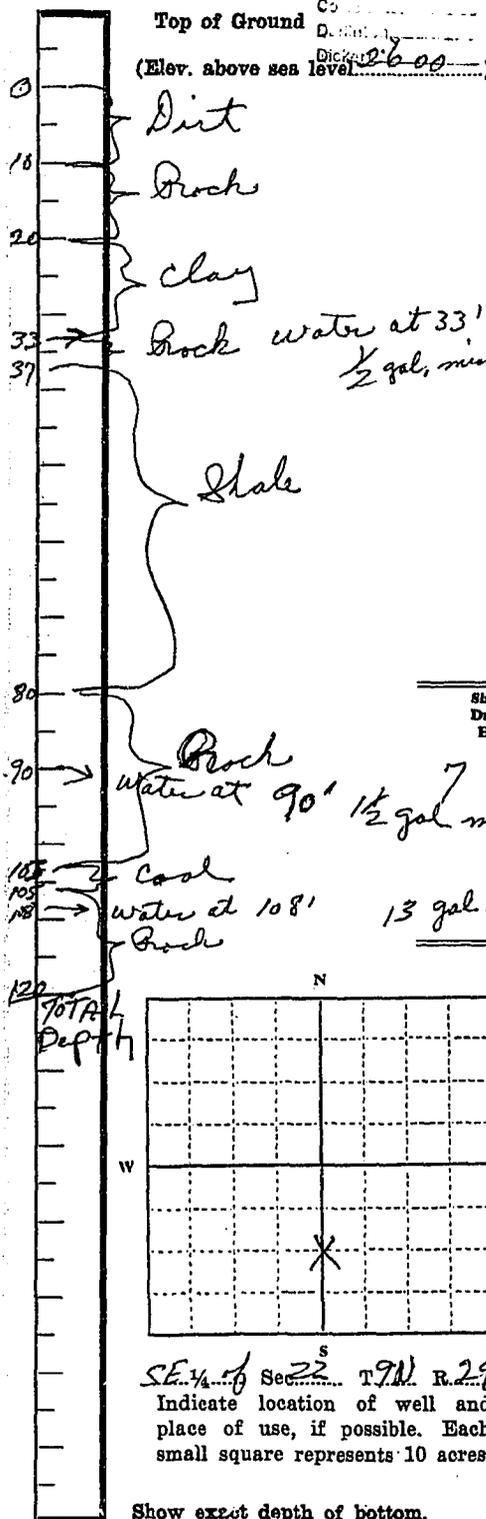
T. 29 N R. 29 E 22

DUPLICATE

NOV 23 1966

County Musselshell

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)

Owner Dan Eggert Address Musselshell, Mont

Driller Arville D. Triebel Address Musselshell, Mont.

Date of Notice of Appropriation of Groundwater Nov. 1, 1966

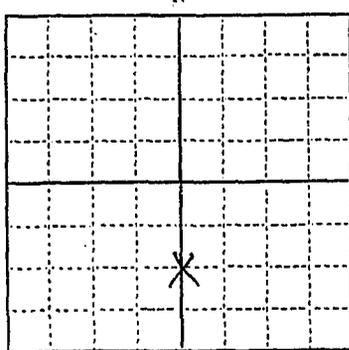
Date well started Nov. 3, 1966 Date Completed Nov. 9, 1966

Type of well Drilled Equipment Used Spudger
 (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)
7"	6" 13 # Steel	0	120	slots cut with tool	31	35
					8.5	120



SE 1/4 of Sec 22 T. 29 N. R. 29 E
 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 33 feet.

Shut-in Pressure for Flowing Well No N flowing

Pumping Water Level 60 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well No N flowing

How Tested Bailed 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) None

105
 Driller's License Number

Arville D. Triebel
 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.

41,633

STATE OF MISSISSIPPI
MUNICIPAL COURT (COUNTY)

2000 2000

FILED THIS 22 DAY OF November, 1964

AT 10:25 O'CLOCK A.M.

Claude L. Fitcher
COUNTY RECORDER

Joe
DEPUTY

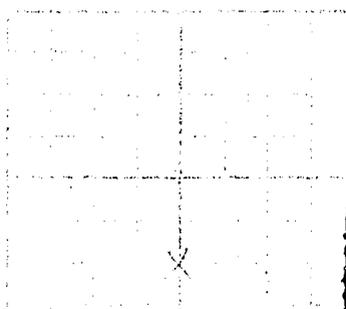
[Faint, mostly illegible text, possibly a list of names or addresses]

...

[Faint text, possibly a notice or instruction]

...
...
...

[Faint text, possibly a signature or additional notes]



23

Form No. 18
8-60

T. 9N R. 29E

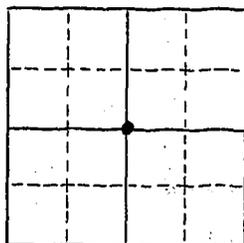
County Musselshell

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JAN 2 1962

Water Well Log

STATE ENGINEER



Owner Gerald E. Turley Address Musselshell, Montana

Driller William H. Dawson Address Roundup, Montana

Date Started Oct. 2, 1961 Date Completed Oct. 14, 1961

Location: Sec. 23 T. 9N R. 29E $\frac{1}{4}$ sec. Center

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other _____

Casing: 0 ft. to 145 ft. Type Steel Size 6 5/8 22 lbs.

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

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

Perforated or screened: Ft. 105 to ft. 145 . Ft. _____ to ft. _____

Type of screen or perforations Slotted

Static water level, for non-flowing well: 95 ft from top feet.

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

Pumping water level 55 feet at 12 gal. per min.

How tested: by bailing

Length of test 45 min.

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

(over)

File No.

T. 9N R 29E MPM

DUPLICATE

County Musselshell

500

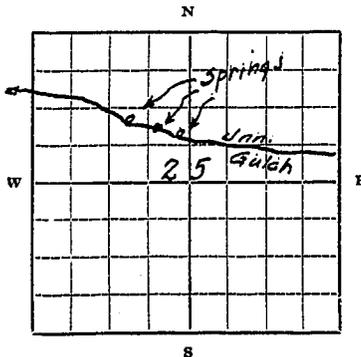
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

RECEIVED
DEC 3 1963

STATE ENGINEER

1. C.W. Kuchta and F.M. Kuchta of P.O. Box 111 Musselshell
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 NW Sec. 25 T. 9N. R. 29E

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 Stockwatering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Circa 1930 Use has been continuous since that time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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 No irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Gravity flow from springs into ponds

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

8. The depth of water table Spring - artesian flow - reaches ground 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 Series of springs in a short unnamed gulch

10. The estimated amount of groundwater withdrawn each year + 6 AF

11. The log of formations encountered in the drilling of each well if available Surface springs
No logs.

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.

C.W. and F.M. Kuchta
Signature of Owner By: *[Signature]*

Date November 12, 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.

169038

STATE OF MONTANA,
MUSSELSHELL COUNTY, } ss.

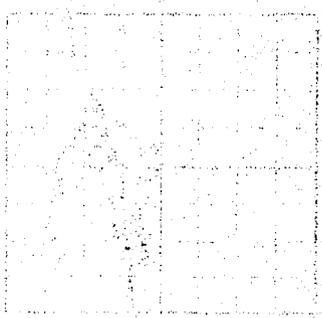
FILED THIS 2nd DAY OF

Dec A. D. 1965
AT 8:12 O'CLOCK AM

B. H. MATZKE
COUNTY RECORDER

Claire J. Essaman
DEPUTY

to 2.00



RECORDED
INDEXED
MUSSELSHELL COUNTY, MONTANA
CLERK OF DISTRICT COURT

RECORDED

INDEXED

RECORDED
INDEXED
MUSSELSHELL COUNTY, MONTANA
CLERK OF DISTRICT COURT

26

File No.

T. 9N R. 29E MPM

DUPLICATE

County Musselshell

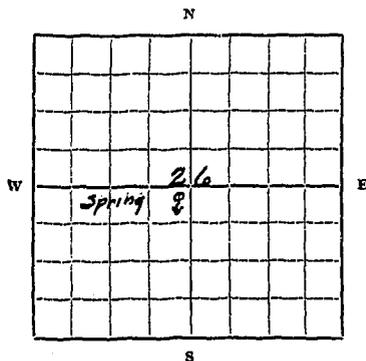
Handwritten initials

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

RECEIVED
DEC 3 1963
STATE ENGINEER

1. C. W. Kuchta and F. M. Kuchta of P.O. Box 111 Musselshell
(Name of Appropriator) (Address) (Town)

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



NE 1/4 SW Sec 26 T. 9N R. 29E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Circa 1895 - continuous since that time

4. The amount of groundwater claimed (in miner's inches or gallons per minute) + 3 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 Garden irrigation only (domestic use)

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Artesian flow (spring)

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Circa 1895

8. The depth of water table This is artesian water - no relation to ground 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 Spring box + 5' x 5' x 5' Stockwater by gravity flow through 1" pipe to pond, domestic water removed from spring box by dipping or pumping

10. The estimated amount of groundwater withdrawn each year About 3 AF

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

C.W. & F.M. Kuchta
Signature of Owner *[Signature]*

Date November 12, 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.

7763

169037

STATE OF MONTANA,
MUSSELSHELL COUNTY, ^{SS.}

FILED THIS 2nd DAY OF
December A. D. 1963
AT 8:10 O'CLOCK A.M.

B. H. MATZKE

COUNTY RECORDER

Clair J. Gosman
DEPUTY

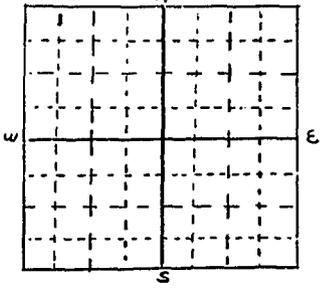
42.00

T...^N9...R...^E29...
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. *John W. Robinson*.....*Musselshell*.....
(Name of Appropriator) (Address) (Town)
County of *Musselshell*.....State of *Montana*.....
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



....*29*.Sec.*9*..T*29*..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. *Domestic & Livestock*.....

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. *1909*.....*Continuous*.....

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water*not known*.....

8. The depth of water table ..*20 ft*.....

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater....*200 feet deep in casing*.....

10. The estimated amount of groundwater withdrawn each year. *1500*.....*gallons*.....

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

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

Signature of Owner. *John W. Robinson*

Date *12-31-63*.....

169836

STATE OF MONTANA,
MUSSELSHELL COUNTY, }⁵²

FILED THIS 2 DAY OF

Jan A. D. 19 63

AT 3:17 O'CLOCK P.M.

B. H. MATZKE

COUNTY RECORDER

Francis L. Harrison
DEPUTY

Rac

File No.

RECEIVED

T. 9 R. 29

DUPLICATE

NOV 23 1967

County MUSSELSHELL

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground 0
(Elev. above sea level.....)

30' sandy shale

40' soft shale

45' Carb shale

soft shale and streaks

70' of sand

83' sandstone

91 soft shale

Show exact depth of bottom.

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Bohlman Bros Address Musshell

Driller HARRY McCannell Address Roundup Mont

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

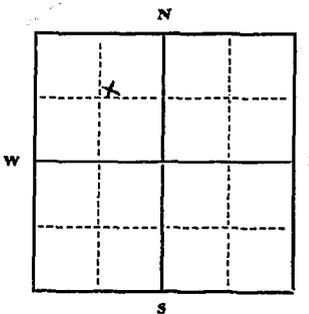
Date well started Oct 4, 1967 Date completed Oct 6, 1967

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

Water use: Domestic Municipal Stock Irrigation
Industrial Drainage Other

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
7"	5" ID Plastic 160#	0	91	1/8"	50'	90'
				1/8"		
				cut with POWER SAW		



Static Water Level for non-flowing well 50 feet.

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

Pumping Water Level 70 feet at 50 gal. per minute.

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

How Tested bailed

Length of Test 1 hr.

Remarks: (Gravel packing, cementing, packers, type of shutoff) NONE

72x1/4 Sec. 21 T. 9 R. 29
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

LIVESTOCK

43
Driller's License Number

Harry McCannell
Driller's Signature.

42,520

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

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

176126

STATE OF MONTANA,
MUSKELSHELL COUNTY,)^{ss.}

FILED THIS 14 DAY OF
November A. D. 1967

AT 10.15 O'CLOCK 9 M.

Claude J. Little
COUNTY RECORDER

Joe

DEPUTY

[Faint, mostly illegible handwritten notes and signatures in the right-hand section of the document.]

GW 4

Section 32

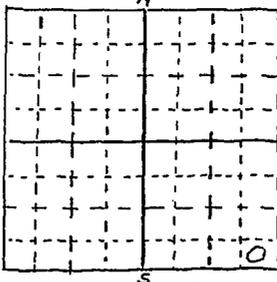
T. 9N. R. 29E. County Musselshell

State of Montana
Administrator of groundwater Code
Office of State Engineer

JAN 3 1964

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

1. W. B. Strang, of Musselshell
(Name of Appropriator) (Address) (Town)
County of Musselshell State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



- 2. The beneficial use on which the claim is based.....
Stock water on range land.....
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1906 and each year since.....
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute)..... 5000 gallons per day.....

S.E. 1/4 of Sec 32, T. 9N. R. 29E
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.....

Indicate point of appropriation and place of use, if possible. Each small square represents 10 acres.
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....
Flowing well.....

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of ground water The year 1906.....

8. The depth of water table Rises to the top of the 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.....
4 inch hole - 360 feet deep - cased to bedrock.....

10. The estimated amount of groundwater withdrawn each year... 1,825,000 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 count record.....

Signature of Owner W. B. Strang

Date Dec. 31, 1963.....

169765

STATE OF MONTANA, }
MUSSELSHELL COUNTY. }

FILED THIS 31 DAY OF
December A. D. 19 63
AT 4:56 O'CLOCK P. M.

BY EU MATZKE
COUNTY RECORDER

Francis L. D.
2⁰⁰ DEPARTMENT

File No.

T. 9N R. 29 E 32

DUPLICATE

County

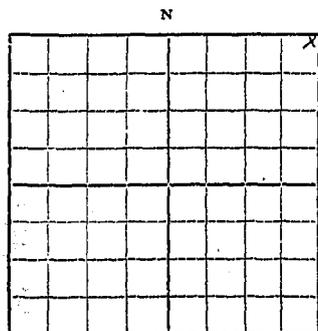
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Verda McCaffree of Box 128 Musselshell
(Name of Appropriator) (Address) (Town)
County of Musselshell 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

NE 1/4 Sec. 32 T. 9 R. 29

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 House Garden - live stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1958

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 gallon per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Garden & lawn NE 1/4 NE 1/4 of NE 1/4 Sec 32 - T 9 - R 29

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal jet water system NE 1/4 NE 1/4 NE 1/4 Sec 32 T 9 R 29

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1958

8. The depth of water table 9 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 jet water system

10. The estimated amount of groundwater withdrawn each year 135000 each yr.

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

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

Signature of Owner Verda McCaffree
Date Dec 10, 1963

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

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

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

20505

169659

STATE OF MONTANA,
MUSSELSHELL COUNTY, } 52.

FILED THIS 31 DAY OF
December A. D. 19 63
AT 12:16 O'CLOCK P. M.

B. H. MATZKE

COUNTY RECORDER

Frances L. Lawson
DEPUTY

202

185689

STATE OF MONTANA,
MUSSELSHELL COUNTY, } ss.

FILED THIS 6th DAY OF

June A. D. 19 23

AT 4:17 O'CLOCK P. M.

CLAUDE F. FLETCHER

COUNTY RECORDER

Lucille Haven

2nd DEPUTY

File No. _____
DUPLICATE

STATE WATER CONSERVATION BOARD
R E C E I V E D
AUG 11 1965

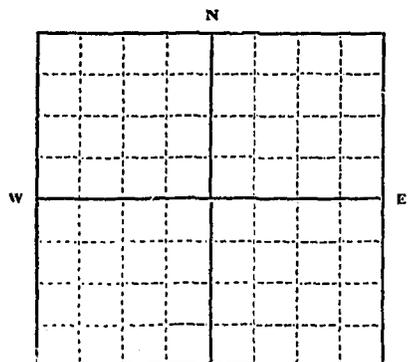
T. 9 N R. 29 E
County Musselshell

STATE OF MONTANA
REFEREND NO. _____
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



10 Block 7
Musselshell, Mont
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 household and garden & lawn watering
3. Date or approximate date of earliest beneficial use; and how continuous the use has been about 1910 on
4. The amount of groundwater claimed (in miner's inches or gallons per minute) never pumped, dry
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 16-3-12 Musselshell Block 7 Mont
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pressure pump

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

8. The depth of water table 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 70 ft 6" holes

10. The estimated amount of groundwater withdrawn each year _____

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

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 Ed Wozny
Date Aug 10, 1965

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. 39455