

32

File No.

T. 28^N R. 53^E

DUPLICATE

County - Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

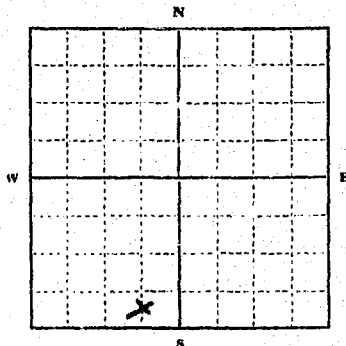
JAN 15 1964

STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. William H. Fisher of Brockton, Mont.
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 32 Sec. 28 T. 53 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 & stock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been October 30, 1953 & continuous use.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal. per min.
- 5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not applicable
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Jet pump located over well

- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Sept. 30, 1953
- 8. The depth of water table Water comes to within 14 ft. of top
- 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 in. in diameter & 11 1/2 ft. deep
- 10. The estimated amount of groundwater withdrawn each year a lot of water
- 11. The log of formations encountered in the drilling of each well if available Coarse gravel at 100 ft. 7 ft. of coarse gravel, then sand rock
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner William H. Fisher
Date Dec. 27, 1963

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

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

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

32907

STATE OF MONTANA, } ss. 287006
County of Richland,

Filed this 13 day of

Jan. - A. D. 1964

at 11:18 o'clock P. M.

E. L. Kosher

County Clerk

D. Sullivan

Deputy

~~filed~~
filed

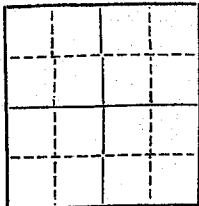
T. 28N R. 53E ³³
 County Richland (Corbett)

MONTANA BUREAU OF MINES AND GEOLOGY
 Butte, Montana

RECEIVED
 JUN 22 1958

WATER WELL LOG

STATE ENGINEER



Owner William H. Fisher Address Brockton, Mont.
 Driller John Stankland Address Big Horn Point, Mont.
 Date Started Nov. 17-1958 Date Completed Nov. 18, 1958
 Location: Sec. 33 T. 28 R. 53 1/4 sec. N 2 SW, N W SE

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

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

Casing: 0 ft. to 84 ft. Type Cement Casing Size 22" outside 17" inside
 Casing: 84 ft. to 104 ft. Type Perforated Size 22" " 17" "
 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: 15' feet.

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

Pumping water level 33 feet at 1000 gal. per min.

How tested: Electric pump

Length of test: 8 hours of continuous pumping

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

(over)

File No. _____

T 28 R 536

DUPLICATE

County Richland

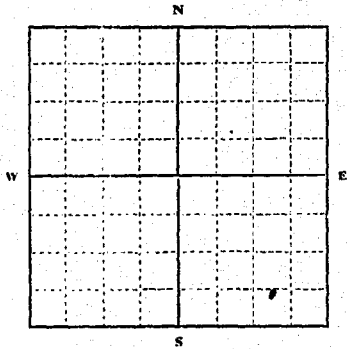
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Howard L. Smith, of Brockton Montana
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE 1/4 SW 1/4 Sec. 33 T. 28 R. 53

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1918 - continually

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 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
Does not apply

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 July 12, 1918 & July 12, 1918

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 drilled well 6 in 83'

10. The estimated amount of groundwater withdrawn each year 2,000 gals

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

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

Signature of Owner Howard L. Smith

Date Dec. 30, 1963

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

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

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

29563

3
S. C. P. M. T. 286264
County of Richmond
Filed Dec 30 1963
3:23 p.m.
L. L. Kasper
County Recorder
J. L. Sherke
Deputy
filed

File No.

T. 27 R. 51 E

DUPLICATE

County RICHLAND

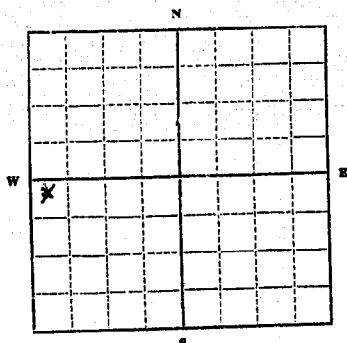
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
NOV 27 1963

Declaration of Vested Groundwater Rights STATE ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. JOSEPH MAROTTEK of BOX 585 SIDNEY
(Name of Appropriator) (Address) (Town)
County of RICHLAND State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NN 1/4 SW 1/4 Sec. 27 T. 27 R. 51 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 LIVESTOCK
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1956 - USED FOR LIVESTOCK SINCE
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 12 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 USED FOR IRRIGATION
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
REGULAR PUMP WITH SINGLE CYLINDER
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater JUNE 1956
8. The depth of water table 71 FT. TO BOTTOM - 28' FROM SURFACE
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater DRILLED - 8 IN CASING - 71 FT.
10. The estimated amount of groundwater withdrawn each year APPROX - 185,000 GAL.
11. The log of formations encountered in the drilling of each well if available NONE AVAILABLE
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NONE

Signature of Owner Joseph Marottek
Date Nov 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.

285445

STATE OF MONTANA, } ss. 285445
County of Richland, }

Filed this 21st day of
Nov A. D. 1911
at 9:26 o'clock P. M.
E. D. Harrison
County Agent
R. D. Thorne
Deputy

Fee: 2.00
filed

RECORDED
INDEXED
NOV 21 1911
COUNTY CLERK
RICHMOND, MONTANA

RECEIVED

File No.

T. 27 R. 51

FEB 6 1968

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 1975)

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

70
72

Gravel

(Drift)

Owner Henry Etzol Address Poplar Montana

Driller Roone Whitmer & Sons Address Oil Point, Mont.

Date of Notice of Appropriation of Groundwater

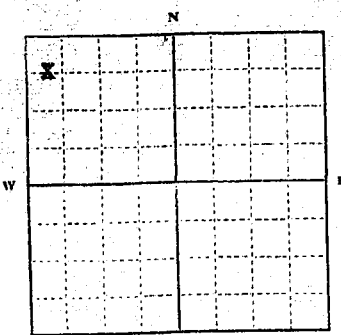
Date well started Dec. 11, 1967 Date Completed Dec. 12, 1967

Type of well Drilled Equipment Used Spudder
(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 1/2" O.D. 1 1/2" lb.	43	72			



Nw 1/4 Sec. 29 T. 27 R. 51
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 17 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 22 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailer Length of Test 2 hours

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

No. 83
Driller's License Number

Clinton Whitmer
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.

42,797

29

cont.

1967

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To
(Foot)

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997

RECEIVED
FEB 2 1968

30390
STATE OF MONTANA, } ss.
County of Robtland, }

Filed this 2 day of
February A. D. 1968
at 4:45 o'clock, P.M.
Helen Gierke
County Recorder
Lisa J. Sanford
Deputy

200
filed

File No.

T. A. 7 N. 5 1 P.
 County Richland

DUPLICATE

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

RECORDED
 JAN 10 1964

Declaration of Vested Groundwater Rights ENGINEER

(Under Chapter 237, Montana Session Laws, 1961)

1. Henry Etzel (Name of Appropriator) of Poplar, Montana (Town)
 County Richland State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

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 and household use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1942 continuously

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

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 groundwater. 1942

8. The depth of water table. 54 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. drilled - 67 feet deep 6" steel casing 12" pipe

10. The estimated amount of groundwater withdrawn each year. 1,214,000 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.

Signature of Owner Henry Etzel
 Date Dec 27 1963

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

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

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

286040

STATE OF MONTANA,
County of Richland,

ss. 286040

Filed this 27 day of

Dec A.D. 19 63

at 11:55 o'clock, A.M.

E. L. Kosher
County Recorder

D. Sullivan
Deputy

fee \$2.00
filed

File No.

DUPLICATE

STATE WATER CONSERVATION BOARD

FEB 2 1967

T 27N R 53E

County Richland

Billie _____ M. Dermott, STATE OF MONTANA
 Administrator of Groundwater Code
 Butzerin _____
 Goble _____
 Johnston _____
 Quikart _____
 Sullivan _____
 Office of State Engineer

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Al Schmitz Address Brockton, Mont.

Driller Petersen Drilling Address Sidney, Mont.

Date of Notice of Appropriation of Groundwater 9-20-62

Date well started 9-13-62 Date Completed 9-17-62

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

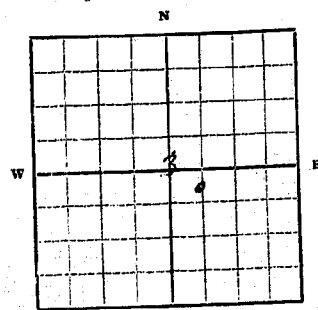
Water Use: Domestic Municipal Stock Irrigation
 Industrial Drainage Other

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.

Top of Ground (Elev. above sea level) near 2100

0 to 4 ft. - Shambo
 to 16 ft. - clay
 to 26 ft. - sand
 to 44 ft. - gray clay
 to 58 ft. - sand
 to 61 ft. - sand and gravel
 * a little water here quick sand choked it off
 to 64 ft. - gravel
 to 64 1/2 ft. - rock layer
 to 90 ft. - quicksand
 to 120 ft. - hard gray sand
 to 130 ft. - dry sand
 to 144 ft. - brown clay
 to 146 ft. - Coal
 to 150 ft. - black sandy clay
 and lots of water here

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
8 inch	6 inch Wt. 10:50 per ft.	Surface	150 ft	none -		
				water comes in at bottom end of casing		



Indicate location of well and place of use, if possible. Each small square represents 10 acres.

150 ft. Show exact depth of bottom.

Static Water Level for non-flowing Well is at 60 feet.

Shut-in Pressure for Flowing Well not the case

Pumping Water Level 130 feet at over 5 gal. per minute.

Discharge in gal. per min. of flowing well not the case

How Tested Drill bailer length of Test 1 1/2 hours

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

111
 Driller's License Number
Raymond J. Petersen
 Driller's Signature

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

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

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

STATE OF MONTANA, }
County of Blaine, } ss. 300108

Filed this 31 day of

Jan. A. D. 1962
at 4:15 o'clock P. M.

Helem Gierke
County Recorder

John A. Sullivan
Deputy

200 D. Sullivan
filed

File No.

T 27 N R 53 E
County Richland

DUPLICATE

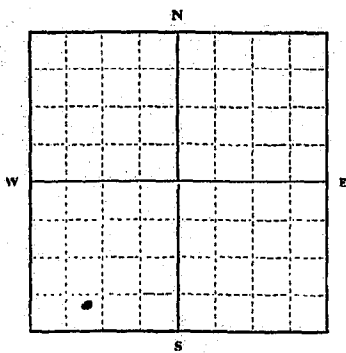
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 19 1963

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

STATE ENGINEER

1 Olin Patch of Brookton, Mont.
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 4 T. 27 R. 53
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 watering livestock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been. 1926, use has been continuous
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) about two 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 no irrigation
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pump - location Sept 4, June 27, Aug 23
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1920
- 8. The depth of water table 80 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 cased well of 4 inch pipe 80 ft. deep
- 10. The estimated amount of groundwater withdrawn each year 50,000 gal.
- 11. The log of formations encountered in the drilling of each well if available not available
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record no other information

Signature of Owner Olin Patch
Date Dec. 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 to the Appropriator.

10486

STATE OF MONTANA, } ss. 285758
County of Richland,

Filed this 17 day of

Dec A. D. 19 63

at 1:49 o'clock P. M.

E. S. Kasher
County Recorder

R. Atkinson
Deputy

fee \$ 2.00

filed

4

File No.

T. 27 N. R. 53 E

DUPLICATE

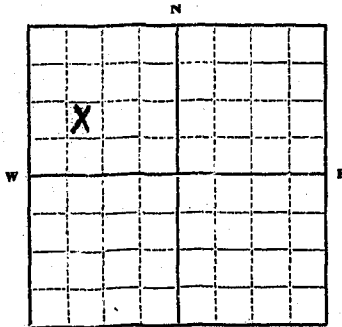
County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 9 1963

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

1. RAYMOND RUFFATTO, of BROCKTON
(Name of Appropriator) (Address) (Town)
County of RICHLAND State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NW Sec 4 T. 27. R. 53

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... FARM LIVESTOCK

3. Date or approximate date of earliest beneficial use; and how continuous the use has been... 1923 EVERY DAY

4. The amount of groundwater claimed (in miner's inches or gallons per minute)... 5 GALLONS

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
NO

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
NW 1/4 NW 4 S 4 T 27 R 53

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater... 1923

8. The depth of water table... 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
BORE 4 IN. 90 FT

10. The estimated amount of groundwater withdrawn each year... NO IDEA

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record... NONE

Signature of Owner Raymond Ruffatto
Date Sept 5 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.

STATE OF MONTANA, } ss. 284361
County of Richland,

Filed this 6th day of

Sept. A. D. 19 1913

at 11:05 o'clock, A.M.

C. L. Kooken
County Recorder

R. Otchison
Deputy

fee: \$ 200
filed

STAFF ENGINEER

File No.

T 27 N. R. 53 E

DUPLICATE

County RICHLAND

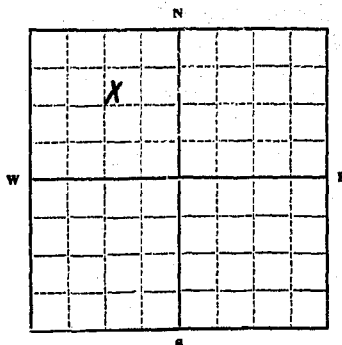
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 9 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. RAYMOND RUFFATTO, of BROCKTON
(Name of Appropriator) (Address)
County of RICHLAND State of MONTANA (Town)
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 4 T. 27 R. 53

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.....

HOME

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

MARCH 1946

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

5 GAL.

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

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

PUMP
NW 1/4 NW 1/4 S. 4 T. 27 R. 53

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

MARCH 1946

8. The depth of water table.....

92 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.....

BORE 92 FT.

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

WATER FOR TWO HOMES

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

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 county record.....

NONE

Signature of Owner Raymond Ruffatto

Date Sept 5 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.

Department of Natural Resources and Conservation
STATE ENGINEER

ALBERT J. HARRIS
NORTH
DANIELA

STATE OF MONTANA
County of Richland, ss. 284263
Filed this 9th day of
Sept. A. D. 19 63
at 11:09 o'clock P. M.
L. L. Hooker
County Recorder
R. Atchison
Deputy

fee: 2.00
filed

11/10/63

File No. _____
DUPLICATE

27 R 53 E
County RICHLAND

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 9 1963
STATE ENGINEER

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

1. RAYMOND RUFFATTO of BROCKTON
(Name of Appropriator) (Address) (Town)
County of RICHLAND State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

X					

N.W. 1/4 NW Sec. 4 T.27 R.53

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 STOCK WATER

3. Date or approximate date of earliest beneficial use; and how continuous the use has been SEPT 1918 MOST EVERY DAY

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.
PUMP WIND MILL N.W. 1/4 NW 54 T.27 R.53

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

8. The depth of water table.....
70 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.....
BORE - 6 IN. - 72 FT.

10. The estimated amount of groundwater withdrawn each year.....
NONE IDEA

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record.....
NONE

Signature of Owner Raymond Ruffatto
Date Sept 5 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.

5770

100-20000

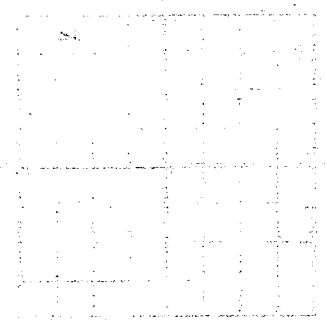
REGISTERED TO BE OPENED

RECEIVED BY THE REGISTER

SEP 24 1962

STATE ENGINEER

STATE OF MONTANA
COUNTY OF RICHLAND



STATE OF MONTANA, } ss. **284365**
 County of Richland,
 Filed this 6th day of
September, A. D. 1962
 at 11:18 o'clock A. M.
E. J. Rankin
 County Register
Helmut Lunde
 Deputy

fee: ⁸200
 filed

4

File No.

T. 27N R 53E
County RICHLAND

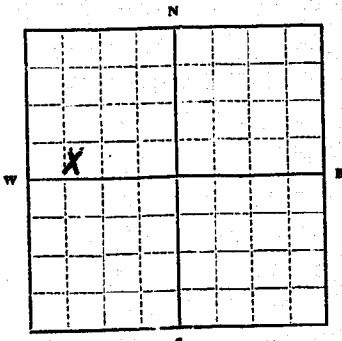
DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
SEP 9 1963

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

1. RAYMOND RUFFATTO, of BROCKTON
(Name of Appropriator) (Address) (Town)
County of RICHLAND 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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been AUGUST 1957

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof NO

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal PUMP MOTOR
NW 1/4 NW 4 34 T27 R53

NW 1/4 NW Sec. 4 T27 R53

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 groundwater AUGUST 1958

8. The depth of water table 105 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 BORE 6 IN 105 FT

10. The estimated amount of groundwater withdrawn each year NO IDEA

11. The log of formations encountered in the drilling of each well if available 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 county record NONE

Signature of Owner Raymond Ruffatto
Date Sept 5 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.

5767

RICHMOND

MONTANA

BRIDGEMAN

X

4 52 23

NO

E GATTONS

25064 MYLER

ANGEL 1823

Wm W. W. # 24 152 1823
DUMP WOLFE

1828

BOBE

STATE OF MONTANA,)
 County of Richland,) ss. 284262
 Filed this 16th day of Sept. A. D. 19 1828
 6 11 27 o'clock, A. M.
 E. L. Kooker
 County Recorder
 R. Atchison
 Deputy

fee: 2.00
filed

These are the original copies of the records of the County of Richland, Montana, and are to be preserved in accordance with the provisions of the laws of the State of Montana.

File No.

T. 27 N. R. 53 E.

DUPLICATE

County RICHLAND

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

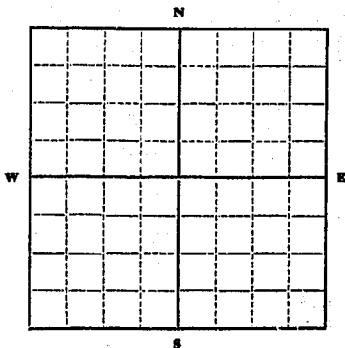
RECEIVED
SEP 9 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. RAYMOND RUFFATTO, of BROCKTON
(Name of Appropriator) (Address) (Town)
County of RICHLAND 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 5 T 27 R 53

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 NOVEMBER 1954

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 8 GALLONS

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof NO

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal BUMP NE 1/4 NE 1/4 S 5 T 27 R 53

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater NOVEMBER 1954

8. The depth of water table 94 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 BORE - 6 IN. 94 FT

10. The estimated amount of groundwater withdrawn each year NO IDEA

11. The log of formations encountered in the drilling of each well if available SAND - QUICK SAND - GRAVEL

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record NONE

Signature of Owner Raymond Ruffatto
Date Sept 5 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.

STATE OF MONTANA,)
County of Richland,)

284364

Filed this 6th day of
Sept. A. D. 19 1913
at 11:11 o'clock, A.M.

D. J. Kooker
County Recorder
R. Atchison

fee: 3
200
filed

EDWARD - BUCK EDWARD - BUCK

NOTE

Division of Land and Survey
REGISTERED PROFESSIONAL ENGINEER
STATE ENGINEER

REGISTERED

EDWARD BUCK
EDWARD BUCK

10

File No.

T. 27 N R. 53 E
County Richland

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

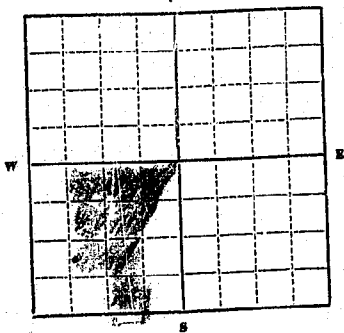
RECEIVED
FEB 25 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

William M. and Esther Palston of Brookston
(Name of Appropriator) (Address) (Town)
County of Richland 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.

- The beneficial use on which the claim is based. Irrigation of 90.7 hayland
- Date or approximate date of earliest beneficial use; and how continuous the use has been. Fall of 1961
Summer of 1962
- The amount of groundwater claimed (in miner's inches or gallons per minute). 2000 gal per min
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. SW 1/4 - Sec 10 T 27 R 53
Owner - Wm M and Esther Palston
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. 15 HP Pumping Plant Parcel
3rd overload relay 440 Volt
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. commenced 8-14-61
finished 9-11-61
- The depth of water table. 4.7 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
17 inches - Diameter
17 feet Depth
Cement casing
- The estimated amount of groundwater withdrawn each year. 16000 000 gal
- The log of formations encountered in the drilling of each well if available. 2-2 Sand - Sand loam
2-17 Fine gravel
17-27 Sand
29-43 Red gravel
43-63 Coarse gravel
63- Red Brk
- 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 M Palston
Date 1-2-63

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.

STATE OF MONTANA, } 281253
County of Richland, }

Filed this 20 day of

Feb A. D. 1963

at 3:15 o'clock, P. M.

E. L. Koster
County Recorder

R. Atchison
Deputy

fee .020
JHed

STATE OF MONTANA
COUNTY OF RICHLAND

CLERK OF DISTRICT COURT

CLERK OF DISTRICT COURT

CLERK OF DISTRICT COURT

File No.

T. 27 N. R. 53 E.

DUPLICATE

County Richland

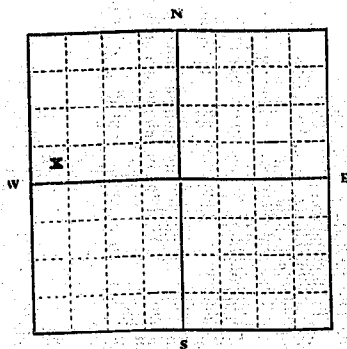
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Pete P. Ruffatto & Clara S. Ruffatto, of Sidney
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 10 T. 27 N. R. 53 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 livestock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1941 - continuous
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 garden use only
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal cylinder pump
NW 1/4 Sec. 10 Twp. 27 N. Rgs. 53 E.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater September, 1941
8. The depth of water table ten feet
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Hand dug 4 feet diameter 12 feet deep
10. The estimated amount of groundwater withdrawn each year 1,314,000 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 Not previously recorded

Signature of Owner PETE P. RUFFATTO
CLARA S. RUFFATTO
Date December 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.

285952

STATE OF MONTANA, }
County of Richland, }

Filed this 23rd day of

December A. D. 1963

at 4:00 o'clock P. M.

G. L. Koski

County Recorder

Helmut Oberker

Deputy

fee 2.⁰⁰
filed

10

G

File No.

T. 27 R. 53 E

DUPLICATE

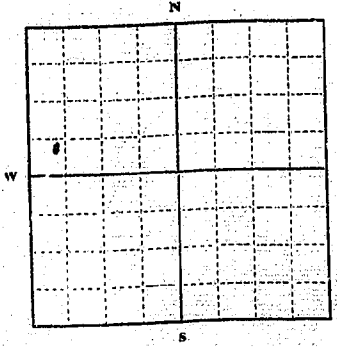
County Richland

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. Pete P. Ruffatto & Clara S. Ruffatto, of Sidney
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 Sec. 10, T. 27, R. 53

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 livestock
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1941 continuous
- 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
gardens and lawn only
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
jet pump
NW 1/4 Sec. 10, Twp. 27, N. Rge. 53 E.
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1941 - September
- 8. The depth of water table 30 feet
- 9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well six inch steel casing 100 feet deep
- 10. The estimated amount of groundwater withdrawn each year 1,080,000 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 Not previously recorded

Signature of Owner PETE P. RUFFATTO
CLARA S. RUFFATTO
Date December 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.

12657

285953

STATE OF MONTANA, }
County of Richland, } ss.

Filed this 23rd day of

December A.D. 1963

at 4:12 o'clock P.M.

E. L. Kosker
County Recorder

Helene Bierke
Deputy

fee 2⁰⁰

filed

File No.

T 27 N 9 R

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

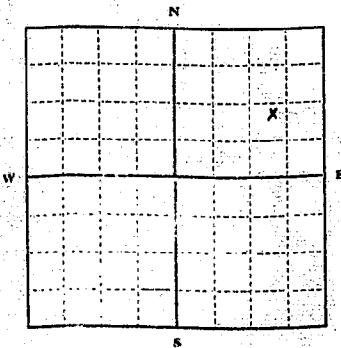
RECEIVED
DEC 27 1963

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

1. Alvin O. Fisher of Box 372, Sidney, Montana
(Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE 1/4 Sec. 39 T. 27 R. 23

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 other farm use
- 3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1954, continuous since that date.
- 4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 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 Job pump and pressure system.
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well started and completed in 1954.
- 8. The depth of water table 65 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 Six inch drilled hole with 4 inch steel casing.
- 10. The estimated amount of groundwater withdrawn each year 60,000
- 11. The log of formations encountered in the drilling of each well if available Sand for first 20 feet, coal for 20 feet, then clay and gravel.
- 12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record None

Signature of Owner Alvin O. Fisher
Date 12-26-63

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.

13702

STATE OF MONTANA, }
County of Richland, } - 986004

Filed this 26 day of June
at 2:30 o'clock, P. M.

E. L. Cooper
County Recorder
Helen Burke
Deputy

Fee 2.00
Filed

[Faint, mostly illegible text from the reverse side of the document is visible through the paper.]

File No:

T. 27 N. R. 53

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

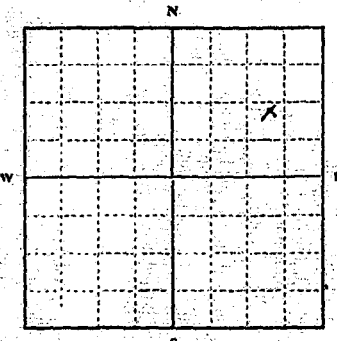
RECEIVED
DEC 27 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Alvin O. Fisher, of Box 573 Sidney
(Name of Appropriator) (Address) (Town)

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



1/4 Sec. 29 T. 27 R. 53

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. 1909 till today

4. The amount of groundwater claimed (in miner's inches or gallons per minute). 10 million 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. Hand pump with electric pump jack

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. Part well dug in 1972, 7' dug in 1964

8. The depth of water table. 20 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. A 20 inch hole 20 feet deep

10. The estimated amount of groundwater withdrawn each year. 60,000

11. The log of formations encountered in the drilling of each well if available. Sandy loam and sand

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None

Signature of Owner Alvin O. Fisher

Date 12-26-63

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.

STATE OF MONTANA, } ss. 2856005
County of Richland, }

Filed this 26 day of

December A.D. 1963

at 2:41 o'clock P.M.

G. J. Kosher

County Register

Leola Kunde

Deputy

fee 2.00
filed

285946

STATE OF MONTANA, }
County of Richland, } ss. 285946

Filed this 23 day of

Dec A. D. 1963

at 3:07 o'clock, P. M.

E. L. Hooker

County Clerk

D. Sullivan

Deputy

Jan. 42nd
Filed

File No.

T. 27 N. R. 54 E.

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 28 1964

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground
(Elev. above sea level about 2000)

to 4 ft. - topsoil

to 12 ft. - dry gravel

to 40 ft. - soft yellow clay

to 44 ft. - sandy yellow clay

to 46 ft. - dark sand

to 47 1/2 ft. - solid sand rock with over 73 p.m. under rock layer

to 50 ft. - yellow clay

to 54 ft. - gray clay (end of well!)

Owner Henry Miller Jr. Address Brookston, Mont

Driller R. J. Petersen Address Sidney, Mont

Date of Notice of Appropriation of Groundwater 11-27-62

Date well started 11-13-62 Date Completed 11-15-62

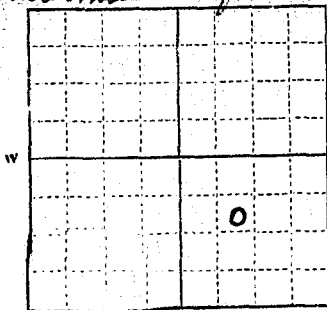
Type of well Drilled Equipment Used Churn drill
(dug, driven, bored or drilled) (Churn, drill, rotary or other)

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 inch	4 1/2" O.D. wt. 7.75 lb per ft.	Surface	54	1/4" round hole	35	51

Water rises to on 30 ft. level



SE 1/4, Sec. 2, T27 R54

Indicate location of well and place of use, if possible. Each small square represents 10 acres.

54 feet
Show exact depth of bottom.

Static Water Level for non-flowing Well 30 feet.

Shut-in Pressure for Flowing Well Not the Case

Pumping Water Level 4.6 feet at 5 gal. per minute.

Discharge in gal. per min. of flowing well Not the Case

How Tested Drill bailer Length of Test 1 1/2 hrs.

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

111
Driller's License Number

Raymond J. Petersen
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.

STATE OF MONTANA, }
County of Richland, } *287213*

Filed this *27* day of *Jan* A. D. 19 *04*

at *11:40* o'clock *Am* P. M.

C. C. Hooker
County Clerk
C. C. Hooker
Deputy

See: 200
filed

File No. _____

T. 27 N. R. 54 E. 29

DUPLICATE

County Richland

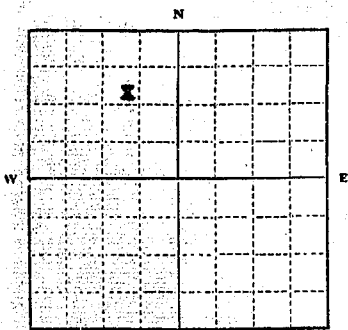
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

D
E
JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



Lot 3
1/4 Sec. 9 T. 27 R. 54

Indicate point of appropriation and piece 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 1961 and has been in use ever since
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 quarts 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
Artesian well - flows by itself

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1961
8. The depth of water table 700 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 steel casing
10. The estimated amount of groundwater withdrawn each year unknown
11. The log of formations encountered in the drilling of each well if available
filed in County Clerk & Recorder's office
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 Calvin Soule

Date 12-31-63

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

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

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

30175

STATE OF MONTANA, }
County of Richland, } ss. 286983

Filed this Jan 2 day of
A. D. 19 64
at 2:31 o'clock P.M.
B. L. Hooker
County Recorder
R. A. Johnson
Deputy

See: 200
filed

T. 27 R. 54 9
County Richland

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
FEB 17 1961

WATER WELL LOG

Owner Calvin Soule STATE ENGINEER
Address Butte, Mont.
Driller David Gulbroa Address Sidney, Mont.
Date Started Oct. 14, 1960 Date Completed Nov. 17, 1960
Location: Sec. 9 T. 27 R. 54 1/4 sec. Lot 3

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: Flowing well

Casing: 0 ft. to 44 ft. Type steel Size 4 1/2

Casing: 44 ft. to 680 ft. Type steel Size 2 1/2

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

Perforated or Screened: Ft. 440 to ft. 470 Ft. 610 to ft. 680

Type of screen or perforations 3/8 HOLES

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

Shut-in pressure, for flowing well: 2 lb./sq. in. on: Nov. 17, 1960
(date)

Pumping water level 0 feet at 1 1/2 gal. per min.

How tested: Flowed

Length of test _____

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

packer at 50 FT.
" " 470 FT.
" " 590 FT.

(over)

Log of Well

Depth, feet		Description of Material Drilled
From	To	
0	44	Sand
44	45	Gravel
45	65	Blue sand
65	267	" clay
267	275	Hard coal
275	363	clay
363	365	Hard sand
365	395	clay
395	397	Hard sand
397	440	clay
440	462	Blue sand
462	529	clay
529	532	ROCK
532	560	clay
560	585	sand
585	614	clay
614	657	Hard rock
657	680	Brown clay

271002
 STATE OF MONTANA,
 County of Richland, } ss.
 Filed this 15 day of
 1952
 A. D. 19 61.
 Clerk, R. M.
 County Recorder
 Deputy
 No. 100

GWs

File No.

DUPLICATE

T. 27^N R. 54 S. 12
County Richland

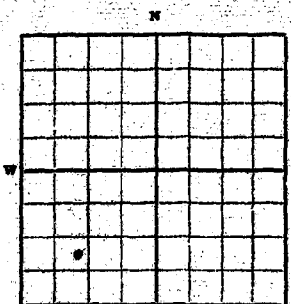
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 10 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1932
Owner Don Birch Address Liberty Mont
Contractor (if any) self
Address of Contractor _____
Date Started 1957 Date Completed 1957



Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Improved spring area, water coming from coal vein. Tank and pipe installed in 1957

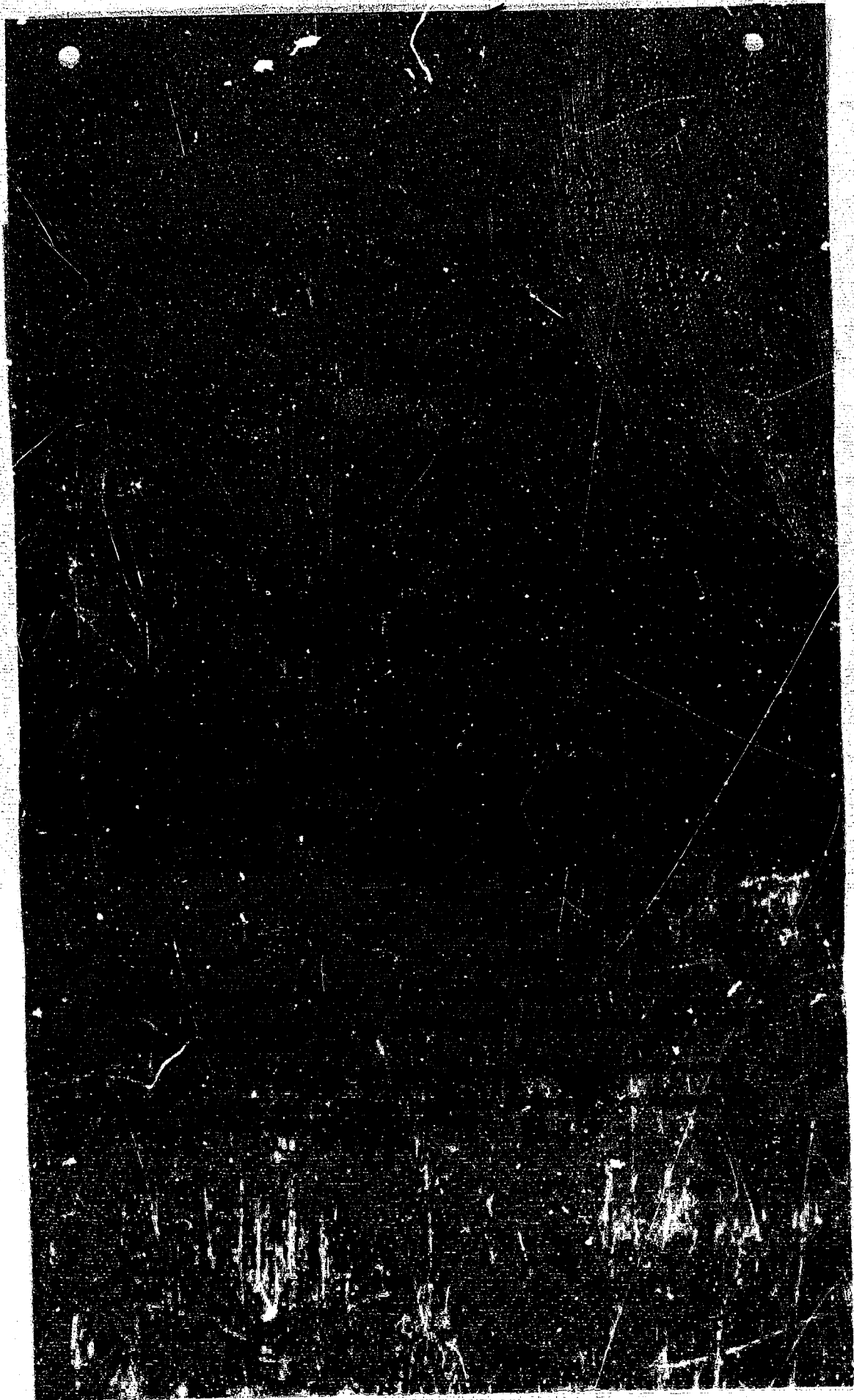
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use

S.W. 1/4 Sec. 12 T. 27 R. 54
Indicate point of appropriation and place of use, if possible.

1400 gal 24 hrs
Measured with gal jar and watch

Signature of Owner Don Birch
Date Dec 27-1963

This form to be prepared by contractor (if any), otherwise by the owner.
Three copies of this notice are to be filed with the County Clerk and Recorder of the county in which the works are located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; duplicate to the State Engineer; Triplicate to the School of Mines and Quadruplicate for the Appropriator.



286086
STATE OF MONTANA }
County of Richland } 286086
Filed this 27 day of
December 19 63
at 1:55 o'clock P.M.
C. L. Hagler
County Clerk
Nehal Dunder
Deputy

fee 2.00
90
Filed

File No.

T. 27N R. 54E
 County Richland

DUPLICATE

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

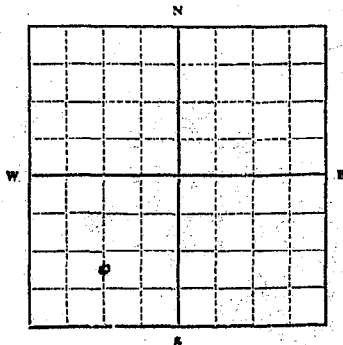
RECEIVED
 JAN 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

STATE ENGINEER

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



S. 12 1/4 Sec. 12 T. 27N R. 54E

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 and house water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been. Continuous and since 1945

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. 1945

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. drilled to an opening 130 feet deep

10. The estimated amount of groundwater withdrawn each year. 240,000

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. None available

Signature of Owner Don Birch
 Date Dec 27-1963

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

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

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

286085
STATE OF MONTANA, } ss. 286185
County of Richland,

Filed this 27 day of
December A. D. 1963

at 153 o'clock P. M.
C. L. Hodges
County Recorder

John Dierke
Deputy
fee \$2.00
filed

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—390.

File No.

T 27 R 54

DUPLICATE

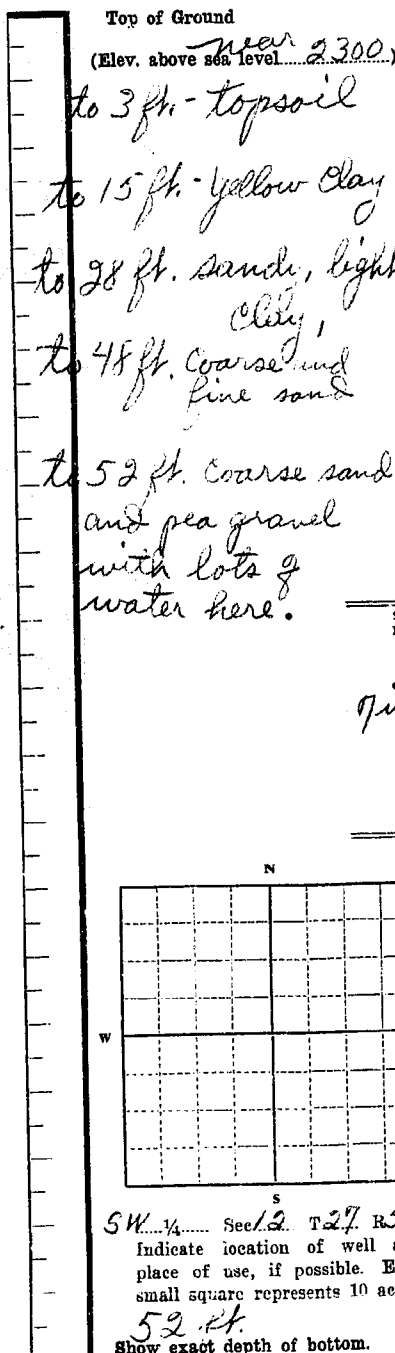
County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)



Owner Don Birch Address Calberton, Mont.
Driller Ray Peterson Drilling Address Sidney, Mont.

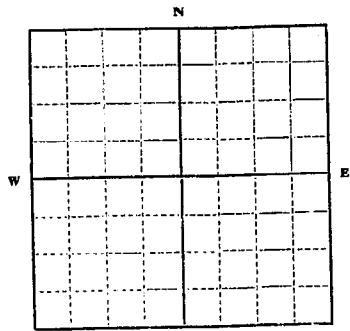
Date of Notice of Appropriation of Groundwater Jan 6 - 1963
Date well started Jan 3 - 63 Date Completed Jan 4 - 63

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

Water Use: Domestic Municipal Other Irrigation
Industrial Drainage Stock

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>7 inch</u>	<u>6 inch wt. 10:50 per ft.</u>	<u>Surface</u>	<u>52 ft.</u>	<u>1/4" round hole</u>	<u>47</u>	<u>52</u>



SW 1/4 Sec 12 T27 R54
Indicate location of well and place of use, if possible. Each small square represents 10 acres.
52 ft.
Show exact depth of bottom.

Static Water Level for non-flowing Well 30 feet.

Shut-in Pressure for Flowing Well Not the Case

Pumping Water Level 45 feet at over 8 gal. per minute.

Discharge in gal. per min. of flowing well Not the Case

How Tested Drill Bailer Length of Test 2 1/2 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) Gravel packed at top. Pit to be made later and a pressure system installed

111
Driller's License Number

Raymond J. Peterson
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.

STATE OF MONTANA, } ss. 280838
County of Richland, }

Filed this 31 day of

Jan. A. D. 1963

at 3:50 o'clock, P. M.

E. L. Rankin

County Recorder

D. Sullivan

Deputy

Filed

File No.

T. 27 N. R. 55 E

DUPLICATE

County Richland

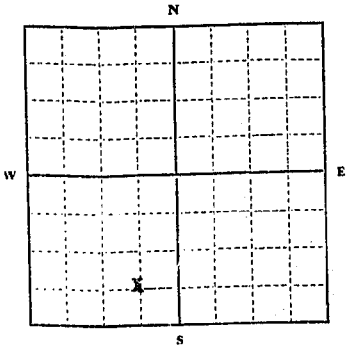
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DEC 10 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Peter L. Johnson & Harlan Johnson, of Culbertson, Montana, (Name of Appropriator) (Address) (Town)
County of Richland State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 3 T. 27 R. 55
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..... 1954 and has been in use ever since
- 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
- 6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal..... gasoline motor
- 7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater..... 1954
- 8. The depth of water table..... 34 foot 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..... 6 inch steel casing
- 10. The estimated amount of groundwater withdrawn each year..... 150,000 gallons per 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 By: Peter L. Johnson & Harlan Johnson
Date: 12-31-63

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

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

29954

STATE OF MONTANA, } ss. 786660
County of Richland, }

Filed this 31 day of

December A. D. 1963

at 7:20 o'clock P. M.

G. L. Hooper
County Recorder

Delva Tucker
Deputy

for \$2.00
filed

File No.

T. 27 N. R. 55

DUPLICATE

County Richland

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 29 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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

N	
W	E
S	

NE 1/4 Sec. 9 T. 27 R. 55.

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..... 1942 and has been used ever 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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater..... 1942

8. The depth of water table..... 34 feet 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.....
6 inch steel casing

10. The estimated amount of groundwater withdrawn each year..... about 300,000 gallons per yr.

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.....

Signature of Owner By: Clara Johnson

Date 12-31-62

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.

29952

STATE OF MONTANA, } ss. 286658
County of Richland,

Filed this 31 day of

December A.D. 1962

at 2:18 o'clock P.M.

E. L. Hooker

County Recorder

John Deuka

Deputy

Fee 2.00
filed