GW 3

File No.....

DUPLICATE

T. 25 R. 14

County Chouteau

RECEIVED JAN 7 1964 STATE ENGINEER

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1946

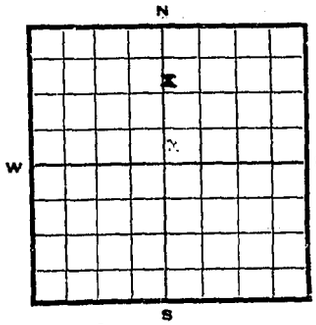
Owner Matt Gasvoda and Sons, Inc.

Address Big Sandy, Montana

Contractor (if any) None

Address of Contractor None

Date Started 1946 Date Completed 1946




NW 1/4 NE 1/4 Sec. 11 T. 25 R. 14

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Gravity Flow Spring-- Dug Out-Steel Lined-- about 38 inches by 10 ft long-3 ft. deep--1 ft of water therein-- pipe with 1¼" pipe to Cattle Trough

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use 1 gal per minute-- water trough-- used every year about 8 months out the year

Matt Gasvoda & Sons Inc

Signature of Owner Matt Gasvoda

Date December 30, 1963

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

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

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

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

26486

(Under Chapter 207, Montana Session Laws of 1963)

Date of Appropriation of Ground Water .....

Owner .....

Address .....

Contractor (if any) .....

Address of Contractor .....

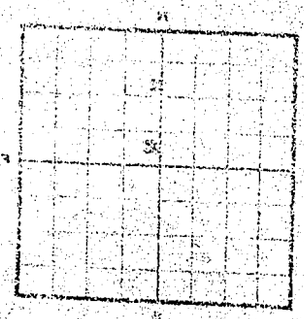
Date Started ..... Date Completed .....

Describe means of obtaining groundwater without a well (as by subdrainage and other natural processes). Indicate depth to water when applicable .....

Quantity of water developed and used with explanation of meth- od used to measure or estimate such amount. If not in intermit- tent use, estimate approximate length of periods of use .....

Signature of Owner .....

Date .....




Indicate point of appropriation and place of use if possible.

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.

If not applicable to state otherwise the form will be returned.

Upon completion of the drilling work the contractor displays to the State Engineer Duplicate to the Duplicate to the County Clerk and Recorder and the Interpretation.

#347194

STATE OF MONTANA, }
COUNTY OF CHOUTEAU, } ss.

Filed DEC. 31 1963 19 ___

at 4:30 o'clock P M

Georgette Harris
County Clerk

By ..... Deputy

Fee $ 2.00 Paid

File No. 371510

ORIGINAL

RECEIVED AUG 2 1973 MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

6-29-73 4:00 P.M.

T. 25 R. 14

County CHOUTEAU

12

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

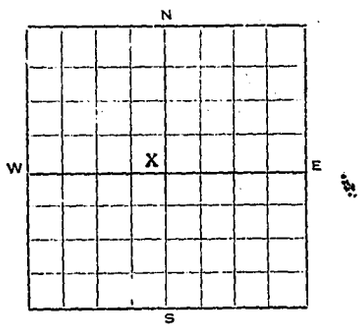
# DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Kenneth Darlington & Darleen Darlington, of Big Sandy,
(Name of Appropriator) (Address) (Town)

County of Chouteau State of Montana

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




SW 1/4 NE 1/4 Sec. 12 T. 25 R. 14

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 Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950

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 none

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1950

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 Pump system with casings

10. The estimated amount of groundwater withdrawn each year

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 unknown

Signature of Owner Darleen Darlington Kenneth Darlington

Date June 28, 1973

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 School of Mines and Quadruplicate for the Appropriator.

56279

# 371510

STATE OF MONTANA } ss.
COUNTY OF MISSOULA }

Filed JUN 29 1973 19

at 4:00 o'clock P.M.

George W. Jerry
County Clerk

By ..... Deputy

Fee $ ..... Paid

File No.....

DUPLICATE

T. 25 R. 14 13

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

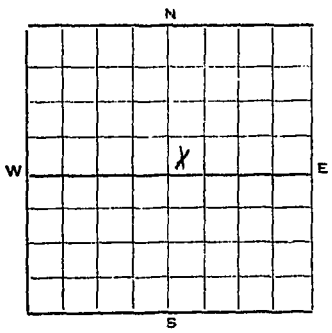
RECEIVED
JAN 7 1964
STATE ENGINEER

# DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert C. Yirsa, of Big Sandy
(Name of Appropriator) (Address) (Town)

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




SW 1/4 NE Sec 13 T 25 R 14

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 & household

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

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

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 1945

8. The depth of water table 55

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 6" well

10. The estimated amount of groundwater withdrawn each year 400,000 gal.

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 Robert C. Yirsa

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

25945

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

STATE OF MONTANA,
COUNTY OF CHOUTEAU, } ss.

Filed December 23 19 63

at 11:00 o'clock a M

George W Harvey

County Clerk

By Dorothy M Jewell Deputy

$ 2.00 Paid

File No.....

DUPLICATE

T. 25 R. 14

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

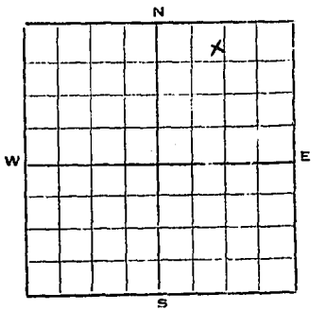
RECEIVED
JAN 7 1964
STATE ENGINEER

# DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Joseph & A. Muriel Silvan, of Big Sandy
(Name of Appropriator) (Address) (Town)

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




NW 1/4 NE Sec. 17 T. 25 R. 14

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 1930 continuous use

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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 none

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1930 - hand pump
1948 - electric pump

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 dug 4 ft. diameter 30 ft. deep

10. The estimated amount of groundwater withdrawn each year 40,000 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 none

Signature of Owner Joseph Silvan A. Muriel Silvan

Date December 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 School of Mines and Quadruplicate for the Appropriator.

26217

# 346891

STATE OF MONTANA, }
COUNTY OF CHOUTEAU, } ss.

Filed DEC 3 0 1983 19__

at 2:30 o'clock P M.

Georgell Lewis
County Clerk

By _____ Deputy

Fee $ 2.00 Paid

GW 3

20

File No.....

T. 25 R. 14

DUPLICATE

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964
STATE ENGINEER

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1963

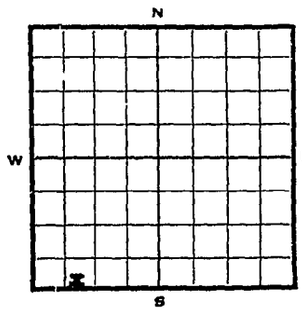
Owner Laddie Nepil

Address Big Sandy, Montana

Contractor (if any) None

Address of Contractor None

Date Started Sept. 1963 Date Completed Sept. 1963




SW ¼ SW¼ Sec. 20. T. 25 R. 14.

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Gravity Flow-- Dug Out 10 ft by 30 feet by 4 feet deep

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 1500 gals. per day-- used year around for stock water

Signature of Owner Laddie Nepil

Date December 19, 1963

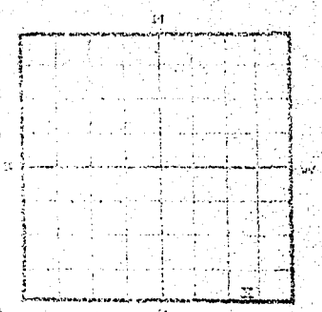
This form to be prepared by contractor (if any), otherwise by the owner.

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.

26008



Indicate point of appropriation and place of use if possible.

#346638

STATE OF MONTANA, }ss.
COUNTY OF CHOUTEAU, }

Filed DEC 26 1963 19__

at 8:00 o'clock A M

Geo. W. Harvey
County Clerk

By Vivian M. Jewell Deputy

Fee $ 2.00 Paid

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—39318

23

File No.....

T 25 R 14E

DUPLICATE

County Choteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

# Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

RECEIVED
AUG 2 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Date of Appropriation of Groundwater 1951

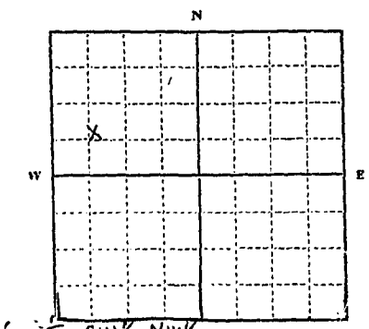
Owner Henry Osterman Address Big Sandy

Contractor (if any) none

Address of Contractor none

Date Started none Date Completed none

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




4 SW¼, NW¼

.....¼..... Sec. 23 T 25 R 14E

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use 10 gal per minute by use of a gallon can and a watch

Continuous use

Signature of Owner Henry Osterman

Date June 29, 1973

371374
6-29-73
10:00 A.M.

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

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

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

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

56318

371374

STATE OF MONTANA, }
COUNTY OF CHOUTEAU, } ss.

Filed June 29 19 73

at 10:00 o'clock a. M.

George W. Lowry
County Clerk

By ..... Deputy

Fee $ 2.00 Paid

318

24

File No.....

DUPLICATE

T. 25 R. 14

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

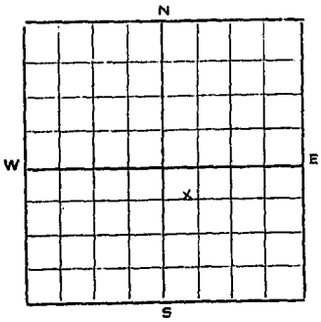
RECEIVED
JAN 7 1964
STATE ENGINEER

# DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert C Yirsa, of Big Sandy
(Name of Appropriator) (Address) (Town)

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




NW¼SE Sec 24 T25 R14

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 1933

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1933

8. The depth of water table 50 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 4 ft. diameter concrete lined

10. The estimated amount of groundwater withdrawn each year 50,000

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 Robert C Yirsa

Date 12/10/63

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 School of Mines and Quadruplicate for the Appropriator.

25946

(Name of Appropriator) (Address) (Town)

County of ..... State of .....

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

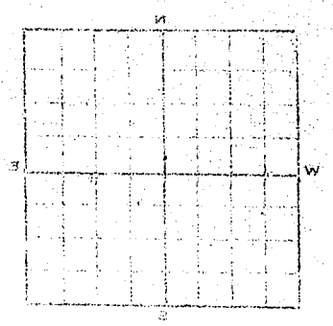
2. The legal land use on which the claim is based .....

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

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

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

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




Sec. ..... T. ..... R. .....

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 .....

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

9. If it can be ascertained, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater .....

10. The [illegible] .....

11. The [illegible] .....

12. Such other information as may be required in carrying out the policy of this act including [illegible] .....

346574

STATE OF MONTANA, }
COUNTY OF CHOUTEAU, } ss.

Filed December 23 19 63

at 11:00 o'clock a M

George W. Harvey
County Clerk

Violet M. Jewell
Deputy

Fee: 2.00 Paid

GW 3

26

File No.....

T. 25 R. 14

DUPLICATE

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 7 1964
STATE ENGINEER

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater December 24, 1963

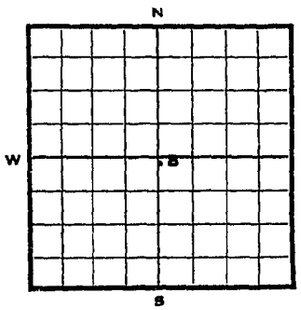
Owner Arvid b. and Velaura M. Rutledge

Address Big Sandy, Montana

Contractor (if any) Gillispie

Address of Contractor unknown

Date Started Sept. 1956 Date Completed Sept. 1956




NW 1/4 SE1/4 Sec. 26 T. 25 R. 14

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

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

bulldosed pit and reservoir

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

12 months stockwater

pit 30'x 30'x 4 ft. deep

Signature of Owner Arvid B. Rutledge
Velaura M. Rutledge Date 12-30-63

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

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

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

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

26166

(Under Chapter 227 Montana Session Laws 1961)

Date of Appropriation of Green Water .....

Owner .....

Address .....

Contractor (If any) .....

Address of Contractor .....

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

Describe means of obtaining groundwater without a well, as by subirrigation and other natural processes. Include depth to water when applicable .....

.....

.....

.....

Quantity of water developed and used with explanation of method of use, if a measure or estimate and amount. If use is intermittent give estimate approximate lengths of periods of use .....

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Signature of Owner .....

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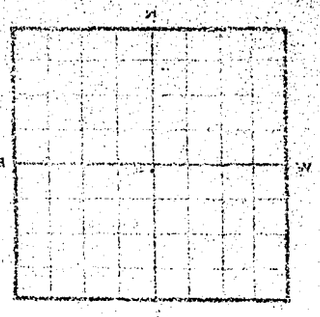



Indicate point of appropriation and place of use, if possible.

This form to be prepared in triplicate (if use is intermittent) in ink.

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

Have means of measuring. If use is intermittent, a map showing the place of use will be required.

I, ..... do hereby certify that the foregoing is a true and correct copy of the original notice of appropriation of water filed in the office of the County Clerk and Recorder in and for said County.

#34836

STATE OF MONTANA, } ss.
COUNTY OF CHOUTEAU, }

Filed DEC 30 1963 19....

at 10:00 o'clock a M

Glenn Hoffman
County Clerk

By ..... Deputy

Fee $ 2.00 Paid

G. 4

File No.....

T. 25 R. 14

26

DUPLICATE

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

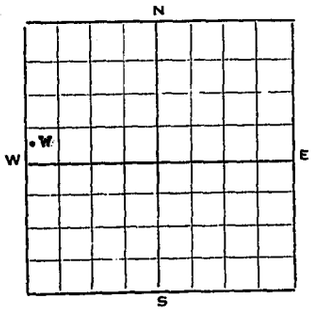
RECEIVED
JAN 7 1964
STATE ENGINEER

# DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Arvid R. & Velaura M. Rutledge, of Big Sandy,
(Name of Appropriator) (Address) (Town)

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




SW ¼ NW Sec. 26 T. 25 R. 14

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 1917 continuous

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
garden 1 acre SW¼ of NW Sec 26 T 25 R 14

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 1917
completed May 1917

8. The depth of water table 18 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 108 feet deep

10. The estimated amount of groundwater withdrawn each year unknown

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

Signature of Owner Arvid R. Rutledge
Velaura M. Rutledge 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 School of Mines and Quadruplicate for the Appropriator.

26171

# 346841

STATE OF MONTANA,
COUNTY OF CHOUTEAU, } ss.

Filed DEC 30 1963 19__

at 10:00 o'clock a.m.

[illegible]
County Clerk

By ______ Deputy

Fee $2.00 Paid

C 4

File No.....

DUPLICATE

T. 25 R. 14 East

County Choteau

RECEIVED
DEC 23 1963
STATE ENGINEER

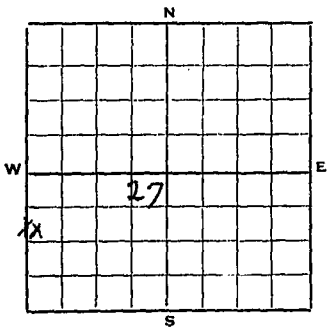
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

# DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Lester Rutledge & Jennie Rutledge, of Big Sandy
(Name of Appropriator) (Address) (Town)

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




SW 1/4 Sec 27 T 25 R 14

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
Live Stock & Fire protection

3. Date or approximate date of earliest beneficial use; and how continuous the use has been January 1936
These two wells have been in continuous use every year.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 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
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
No 1 well has a windmill & pump.
No 2 well has a electric motor & pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater November 1935, there were completedand in operation by January 1 1936.

8. The depth of water table 97 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 This is a twin well operation. Each well has six inch casing and two inch well pipe.

10. The estimated amount of groundwater withdrawn each year 50,000 gallon per year.

11. The log of formations encountered in the drilling of each well if available
Mostly shale to 87 feet and then a sort of hard material or gravel 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 no other information.

Signature of Owner Lester Rutledge Jennie Rutledge
Date Dec 9. 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 School of Mines and Quadruplicate for the Appropriator.

11200

346498

Filed OCT 19 1963 19

at 2:50 o'clock P. M.

George W. Harvey
County Clerk

By James M. Harris Deputy

Fee $ 2.00 Paid

File No.....

DUPLICATE

T. 25 R. 14 27

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

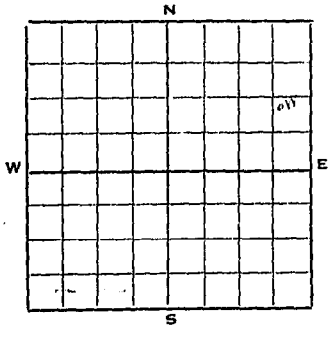
RECEIVED
JAN 7 1964
STATE ENGINEER

# DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Ervid B., & Velaura M. Rutledge, of Big Sandy,
(Name of Appropriator) (Address) (Town)

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




SE 1/4 NE Sec. 27 T. 25 R. 14

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 earliest 1917 intermittently

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1917

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 112 ft. 6 in. 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 not available to my knowledge

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 Ervid B. Rutledge
Velaura M. Rutledge
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 School of Mines and Quadruplicate for the Appropriator.

26170

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

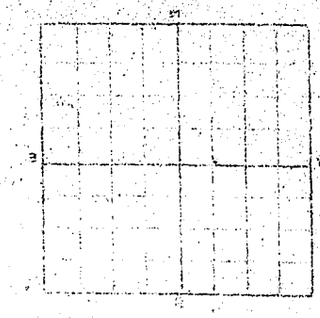
2. The beneficial use on which the claim is based .....

3. Date of approximate date of initial beneficial use, and how continuous the use has been .....

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

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

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



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 wells, or other works for withdrawal of groundwater .....

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

9. So far as is known, including the approximate depth of each well or the general specifications of any other works for the withdrawal of groundwater .....

10. The [illegible] .....

11. The [illegible] .....

12. Such other information as shall be required by the State Board in carrying out the policy of this act, including [illegible] .....

H 346840

STATE OF MONTANA, }
COUNTY OF CHOUTEAU, } ss.

Filed DEC 30 1963 19....

at 10:00 o'clock a M

George W. Hayes
County Clerk

By ..... Deputy

$ 2.00 Paid

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

County Chouteau 30

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

RECEIVED
AUG 2 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed ~~after~~ January 1, 1962

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

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

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

Owner Fritz F. Oatsman Ida Oatsman Hal

Address Big Sandy Montana 59520

Date well ~~started~~ drilled prior to our purchase of the Property in 1954 ~~completed~~

| For Administrator's Use |
|---|
| File 371350 |
| 6-29-73 |
| GW 1 9:00 A.M. |

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

Equipment used Churndrill (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL Normal use for Household and Stock use

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS Kind Size | From (Feet) | To (Feet) |
|---|---|---|---|---|---|---|
| 6" | 6" | 200 ft deep | | Unknown | | |

N
W E
S
X

SW ¼ SW ¼ Sec. 30
T. 25 N/S R. 1E E/W

Static water level unknown ft.*
Pumping water level ..... ft.*
at 8 gallons per minute,
measured ? minutes after pumping began.
*Measured from ground level.
Well developed by ?
for ? hours.
Power Hand Pump ..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) Unknown

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

Driller's Signature

Driller's Address Unknown

LICENSE NO.

## DRILLER'S LOG

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

Top of Ground (Elev. above sea level)

| From (Feet) | To (Feet) | |
|---|---|---|
| | | Not available |

200 Show exact depth of bottom

56322

371350

STATE OF MONTANA,
COUNTY OF CHOUTEAU, } ss.

Filed June 29 1973

at 9:00 o'clock A. M.

Georgia Harvey
County Clerk

By ..... Deputy

Fee $2.00 Paid

31

T. 25 R. 14

County Chouteau

RECEIVED
JAN 7 1958
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

# WATER WELL LOG

| | | | |
|---|---|---|---|
| | D | | |
| | | | |
| | | | |
| | | | |

Owner Joseph Pokorny Jr. Address Big Sandy

Driller none Address

Date Started June 15-1934 Date Completed June 29-1934

Location: Sec. 31 T. 25 R. 14 ¼ sec. NW 4

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

Water use: Domestic [X] Municipal [ ] Stock [X] Irrigation [X]

Industrial [ ] Drainage [ ] Other: 24 ft. Deep

Casing: concrete ft. to ft. Type Size 4 ft. Diameter

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations

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

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

Pumping water level six feet at 15½ gal. per minute

How tested: Electric Pump

Length of test 45 Minutes

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

(over)

31

File No.....

DUPLICATE

T. 25 R. 14

County Choteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

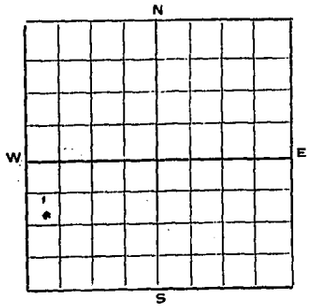
# DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Joseph Pokorny Jr., of Big Sandy
(Name of Appropriator) (Address) (Town)

County of Choteau State of Montana

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




S.W 1/4 Sec. 31 T25 R14

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

2. The beneficial use on which the claim is based Household Use, stock water, Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1934 Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 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 Garden 1/4 Acre SW 1/4 Sec 31 T25 R 14

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Sept. 1934

8. The depth of water table 30 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 4 ft. Dia. Concrete Curbing

10. The estimated amount of groundwater withdrawn each year 100,000 gal

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

Signature of Owner Joseph Pokorny Jr.

Date Dec 6 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 School of Mines and Quadruplicate for the Appropriator.

8837

346316

STATE OF MONTANA, }
COUNTY OF CHOUTEAU, } ss.

Filed DEC 12 1988 19

at 11:15 o'clock A. M.

George W. Harris
County Clerk

By Inna M. Hanes Deputy.

Fee $ 2.00 Paid

GW 3

33

File No.....

T 25 R 14 East

DUPLICATE

County Choutrau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 23 1963
STATE ENGINEER

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater October 1 1948

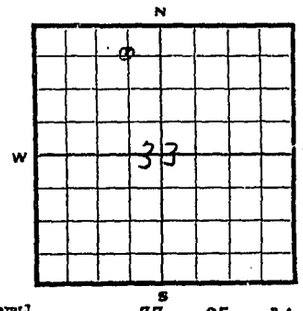
Owner Lester Rutledge & Jennie Rutledge

Address Big Sandy , Montana

Contractor (if any) None

Address of Contractor None

Date Started October 1, 1948 Date Completed October 121948




NW¼ ¼ Sec 33 T 25 R 14

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. This is a full flowing spring. We have a concrete curb or box built around the spring, and there is a over flow pipe for the surplus water. We have installed and electric motor and pump.

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 The pump is able to pump about 200 gallon per minute. This is used for irrigation and also for the Live Stock. The irrigated land is next to the spri ng. The irrigation is during the summer months. Water is used for the livestock the year around.

Signature of Owner Lester Rutledge
Jennie Rutledge

Date December 9, 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.

1120'

346499

STATE OF MONTANA, }ss
COUNTY OF CHOUTEAU }

Filed DEC 19 1963

at 2:50 P.M.

George W. Harvey
County Clerk

By Laura M. Davis Deputy

Fee $ 2.00 Paid

File No. .....

T. 25 R. 14

35

DUPLICATE

County Chouteau

RECEIVED
JAN 7 1964
STATE ENGINEER

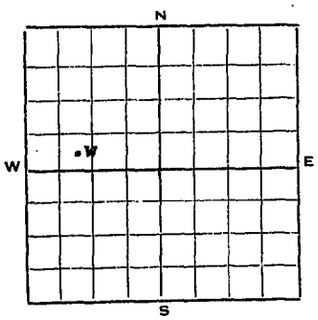
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

# DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Arvid B. & Velaura M. Rutledge (Name of Appropriator), of (Address) Big Sandy, (Town)

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




SW 1/4 NW 1/4 Sec. 35 T. 25 R. 14

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 1917 intermittently

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

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 1917

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 six inch casing 118 feet

10. The estimated amount of groundwater withdrawn each year unknown

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 Arvid B. Rutledge
Velaura M. Rutledge 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 School of Mines and Quadruplicate for the Appropriator.

26169

according to the Montana laws in effect prior to January 1, 1962, or which

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

.....

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

.....

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

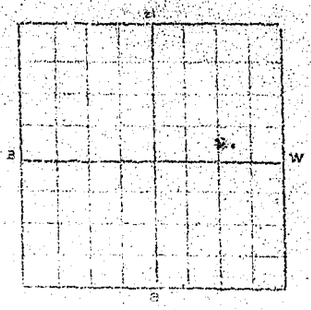
5. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the owner thereof.

.....

.....

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

.....




Sec. ..... T. ..... R. .....

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 .....

.....

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

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

.....

.....

.....

.....

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

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

.....

.....

.....

12. Such ..... of a similar nature as may be needed in carrying out the policy of this act, including rules ..... page of any such records .....

.....

.....

.....

.....

346839
~~4346839~~

STATE OF MONTANA, }
COUNTY OF CHOUTEAU, } ss.

Filed DEC 30 1963 19..

at 10:00 o'clock a.m.

County Clerk

By ..... Deputy

$ 2.00 Paid

GROUNDWATER INDEX



County Chautauqua Twp. 25N Rge. 15E

| Sec. | Name of Appropriator | Type of Form | County File No. | Remarks |
|---|---|---|---|---|
| 3 | Bertha M. Cook | GW4 | 371515 | |
| 3 | Bertha M. Cook | GW4 | 371514 | |
| 3 | Bertha M. Cook | GW4 | 371516 | |
| 5 | Raymond J. Berlinger | GW4 | 344192 | |
| 5 | Raymond J. Berlinger | GW4 | 344191 | |
| 7 | Royal A. McCombey | GW4 | 347242 | |
| 8 | John Sternberg | GW4 | 346952 | |
| 12 | Robert V. Darlington | GW3 | 371538 | |
| 12 | Robert V. Darlington | GW4 | 371530 | |
| 14 | Robert V. Darlington | GW3 | 371532 | |
| 16 | Frank Gasvoda | GW2 | 341110 | |
| 20 | Frank Gasvoda | 1961 | No # | |
| 20 | Frank Gasvoda | 1966 | 337912 | |
| 20 | Frank Gasvoda | GW4 | 342684 | |
| 24 | Gailey Bube | GW1 | 371546 | |
| 27 | Frank Ademec | GW4 | 347218 | |
| 30 | David B. & Velauna M. Rutledge | GW4 | 346838 | |
| 30 | David B. & Velauna M. Rutledge | GW3 | 346837 | |
| 31 | Louis F. Bieler | GW4 | 342772 | |
| 31 | Lester & Jennie Rutledge | GW3 | 346501 | |
| 33 | Robert C. Yiasa | GW4 | 346555 | |

GW [illegible]

File No. 371515

6-29-73
4:00 p.m.

3

T. 25 R. 15

DUPLICATE

County CHOUTEAU

RECEIVED

AUG 2 [illegible]

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

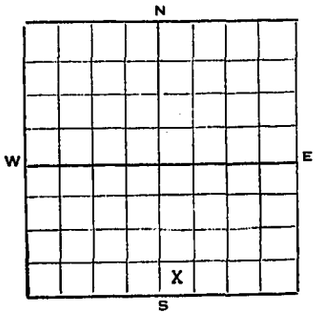
# DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Bertha M. Cook, of Big Sandy,
(Name of Appropriator) (Address) (Town)

County of Chouteau State of Montana

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




SW 1/4 SE¼ Sec. 3 T. 25 R. 15

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 1958

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1958 Culvert - 36"

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 culvert lined well - pressure system

10. The estimated amount of groundwater withdrawn each year

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 unknown

Signature of Owner Bertha M. Cook

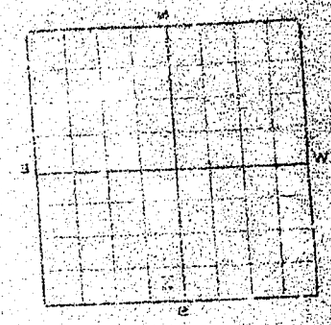
Date June 28, 1973

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 School of Mines and Quadruplicate for the Appropriator.

56276




¼ ¼ Sec. T. R.

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

# 371515

STATE OF MONTANA, }
COUNTY OF CHOUTEAU, } ss.

Filed JUN 29 1973 19

at 4:00 o'clock P M.

Margaret Farris
County Clerk

By ..... Deputy

Fee $ ..... Paid

File No. RECEIVED 34514 6-29-73 4:00 p.m.

T. 25 R. 15

DUPLICATE

County CHOUTEAU

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

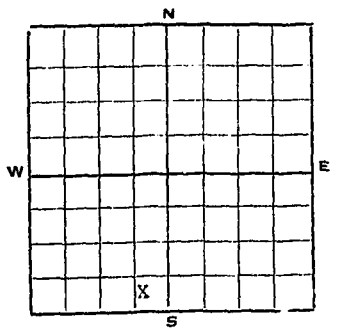
# DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Bertha M. Cook (Name of Appropriator), of (Address) Big Sandy (Town)

County of CHOUTEAU 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. 3 T. 25 R. 15

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 Stock water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950

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

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 1950

8. The depth of water table 120 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 cased well -- electric pump

10. The estimated amount of groundwater withdrawn each year

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 unknown

Signature of Owner Bertha M. Cook

Date June 28, 1973

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 School of Mines and Quadruplicate for the Appropriator.

5677

#371514

STATE OF MONTANA, } ss.
COUNTY OF CHOUTEAU, }

Filed JUN 29 1979 19

at 4:00 o'clock P M.

County Clerk

By Deputy

Fee $ Paid

GW 3K

File No. 371516 6-29-73 4:00 p.m.

T. 25 R. 15

DUPLICATE RECEIVED

County CHOUTEAU

AUG 2 1973

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

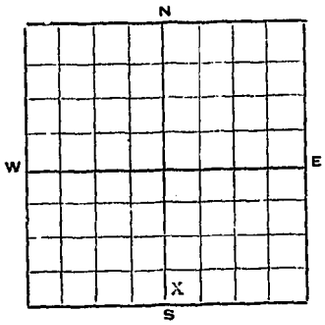
# DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Bertha M. Cook (Name of Appropriator), of Big Sandy, (Address) (Town)

County of Chouteau State of Montana

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




SW 1/4 SE1/4 Sec. 3 T. 25 R. 15

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 Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1952

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 59 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 pressure system

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 115 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 cased well - with pressure system

10. The estimated amount of groundwater withdrawn each year

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 unknown

Signature of Owner Bertha M. Cook

Date June 28, 1973

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 School of Mines and Quadruplicate for the Appropriator.

5 6/75

State of ..... County of .....

...ing of ..... Water Right

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

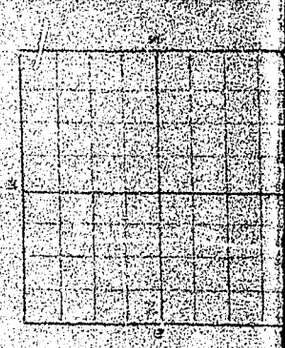
2. The beneficial use on which the claim is based .....
Irrigation and domestic

3. Date or approximate date of earliest beneficial use and how continuous the use has been ..... 1922

4. The amount of groundwater claimed (in miner's inches or gallons per minute) ..... 27 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 .....



Sec. ..... T. ..... R. .....

...ate point of appropriation and ... of use, if possible. Each small ... represents 10 acres.

...e date of commencement and completion of the construction of the well, well-... or other works f... withdrawal of groundwater .....

...e depth of water table ..... 115 feet

...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 .....

...e estimated amount of groundwater withdrawn each year .....

...l a log of formations encountered in the drilling of each well if such ...

...ch other information of a similar nature as may be required ... including reference to book and page of any county record .....

Signature of claimant .....

...pies to be filed by the owner with the County Clerk ... where the well is located.

...mean all groundwater. If an application is made for ...

...to the ... of the ...

...the ... place ...

#371516

STATE OF MONTANA, }ss
COUNTY OF GALLATIN }

Filed JUN 29 1973 19

at 4:00 o'clock P M.

Clerk and Recorder

By ..... Deputy

Fee $.....

G. 1

File No.....

DUPLICATE

T. 25N R. 15E 5

County Cascade

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

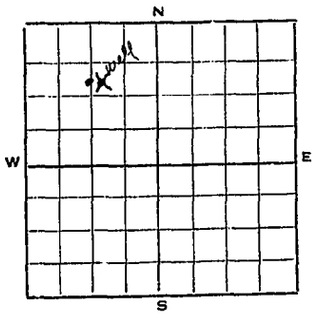
RECEIVED
MAR 14 1963
STATE ENGINEER

# DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Raymond J. Berlinger, of Big Sandy
(Name of Appropriator) (Address) (Town)

County of Chouteau 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. 5 T25 R15-E

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

Appropriation and use at same location

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1914 - Use continuous since then

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 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 Pump NW 1/4 of NW 1/4 of S-5-T25-R15E

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1914

8. The depth of water table 15 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 Concrete curbing - 3 feet diamiter - 25 feet deep

10. The estimated amount of groundwater withdrawn each year Approx. 50,000 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 Any such information unknown to me.

Signature of Owner Raymond J. Berlinger

Date Mar 11, 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 School of Mines and Quadruplicate for the Appropriator.

3906.

H 344192

STATE OF MONTANA, }
COUNTY OF CHOUTEAU, } ss.

Filed March 13 1963

at 10:45 o'clock A. M.

George W. Harvey
County Clerk

By Irma M. Hanna Deputy

Fee $ 2.00 Paid

File No.....

T. 25N R. 15E 5

DUPLICATE

County. Chouteau

RECEIVED
MAR 14 1963
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

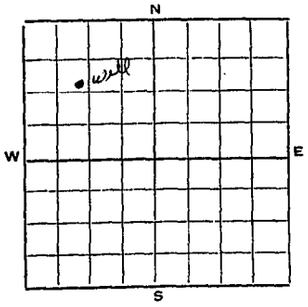
# DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Raymond J. Berlinger (Name of Appropriator), of Box Sandy (Address) (Town)

County of Chouteau 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. 5 T. 25 R. 15 E

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

Appropriation & Use At Same Location

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 1920 - Continuous Use

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 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 Pump NW 1/4 of NW 1/4 of S 5 - Tw 25 - R 15 E

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 15 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 Wood Curbing - 3 feet diameter 25 feet deep

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

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 Unknown

Signature of Owner Raymond J. Berlinger

Date Mar. 11, 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 School of Mines and Quadruplicate for the Appropriator.

3905

# 344191

STATE OF MONTANA, } ss.
COUNTY OF CHOUTEAU, }

Filed March 13 19 63

at 10:45 o'clock a.m.

George W. Hawes
County Clerk

Irma M. Hawes Deputy

$ 2.00 Paid

GY

Approved Stock Form—State Publishing Co., Helena, Montana—38687

File No.

T25 N. R. 15 E.

DUPLICATE

County Chouteau

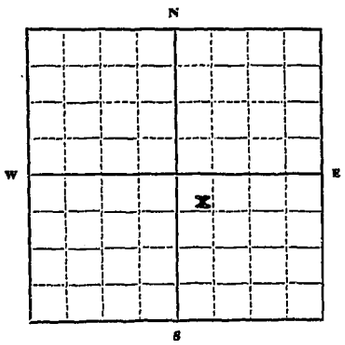
RECEIVED
JAN 7 1964
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

# Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Royal A. McConkey (Name of Appropriator), of Big Sandy, (Address) (Town)
County of Chouteau State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:




NW ¼ SE¼ Sec. 7 T 25N R15E

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 Stockwater

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 5/18/53—continous use.

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

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
Leon A. McConkey and Royal A. McConkey

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 5/18/53 began, finished 5/19/53

8. The depth of water table 60 to 80 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" well casing

10. The estimated amount of groundwater withdrawn each year 25 acre feet plus 8500 gal. per day

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

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 Well dug by Hal Keup, Driller's reg. # 190. This well log shows the description of location as Sec. 15, T27N, R14E.

Signature of Owner Royal A. McConkey

Date December 11, 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.

26534

34724

STATE OF MONTANA, }
COUNTY OF CHOUTEAU, } ss.

Filed DEC 31 1963 19__

at 4:30 o'clock P.M.

County Clerk

By _____ Deputy

Fee $ 2.00 Paid

File No. _____

DUPLICATE

T 25 R 15

County Chouteau

RECEIVED JAN 7 1964 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

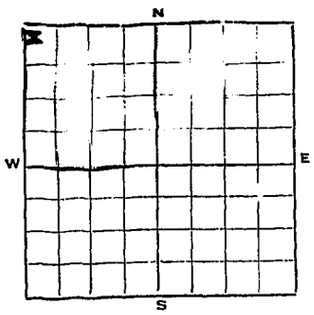
# DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. [illegible], of Big Sandy
(Address) (Town)

County of Chouteau State of Montana

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




NW¼ ¼ NW¼ Sec. 8 T 25 R 15

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

2. The beneficial use on which the claim is based Livestock and [illegible]

3. Date or approximate date of initial beneficial use; and how continuous the use has been [illegible] used year around and continuous since that time

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2 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 Hand Pump with pump jack and electric motor-- 1½" pipe

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1952

8. The depth of water table 60 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 -- steel casing-- 170 ft. deep-- electric motor on pump jack 1½" pipe

10. The estimated amount of groundwater withdrawn e[illegible] [illegible]ons per year

11. The log of formations encountered in the drilling of e[illegible] well if avail[illegible] 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 [illegible] Stockberg

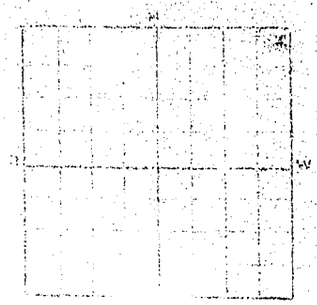
Date December 27, 1963

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 School of Mines and Quadruplicate for the Appropriator.

26275



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

4 34695 2

STATE OF MONTANA, } ss.
COUNTY OF CHOUTEAU, }

Filed DEC 30 1969 20

at 4:00 o'clock P M.

[illegible]
County Clerk

By _____ Deputy.

Fee $ 2.00 Paid

GW 3

File No.....

T. 25 R. 15

ORIGINAL

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
AUG 2 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

371538
6-29-73
4:00 pm.

Date of Appropriation of Groundwater October 1972

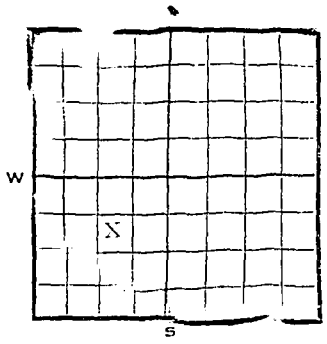
Owner Robert V. Darlington

Address Big Sandy, Montana 59520

Contractor (if any) none

Address of Contractor none

Date Started October 72 Date Completed October 72




NE ¼ SW ¼ Sec. 12 T. 25 R. 15

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

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

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 1 gal per minute used year around - stock water

Signature of Owner Robert V. Darlington

Date June 26, 1973

This form to be filled 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.

56266

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater October 1972

Owner Robert V. [illegible]

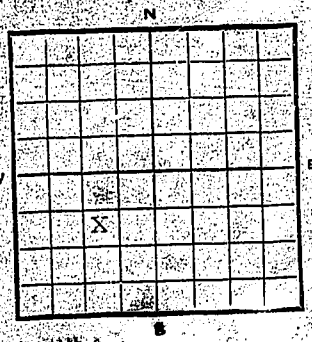
Address Big Sandy, Mont. 59520

Contractor (if any) none

Address of Contractor none

Date Started October 72 Date Completed October 72

37/538
6-29-73
4:00 pm




NE 1/4 Sec. 12 T. 25 N. R. 15

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

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

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 1 gal per minute used year around - stock water

Signature of Owner Robert V. Darlington

Date June 26, 1973

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.

56266

#371598

SEP 2 9 1973

By ..... Deputy

Fee $ 3.00 ..... paid

File No. .....

ORIGINAL 371530
6-29-73
4:00 p.m.

RECEIVED
AUG 2 1973
MONTANA WATER RESOURCES DIVISION

T. 25 R. 15

County Chouteau

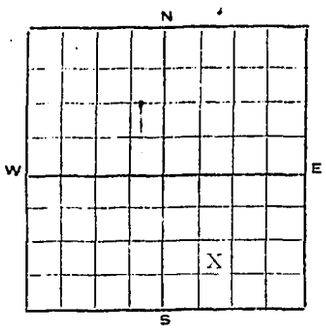
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

# DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert V. Darlington, of Big Sandy
(Name of Appropriator) (Address) (Town)

County of Chouteau 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. 12 T. 25 R. 15

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 is domestic and stock water

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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 none

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

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

8. The depth of water table 75 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 pressure pump - 75 feet deep

10. The estimated amount of groundwater withdrawn each year

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 unknown

Signature of Owner Robert V Darlington

Date June 25 1973

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

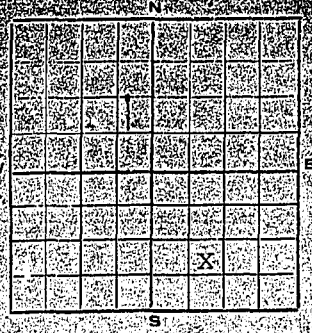
Please answer all questions. If not applicable, so state, otherwise the form will be returned.

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

56271

County of Choteau State of Montana

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




SW ¼ SE¼ Sec. 12 T. 25 R. 15

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 stock water

3. Date or approximate date of earliest beneficial use, and how continuous the use has been 1953

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gals pe 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 pressure pump

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

8. The depth of water table 75 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 pressure pump - 75 feet deep

10. The estimated amount of groundwater withdrawn each year

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 unknown

Signature of Owner Robt A Dailey

Date June 25 1973

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 School of Mines and Quadruplicate for the Appropriator.

5-6271

#371530

JUN 29 1973

4100 P.M.

14

GW 3

File No.....

ORIGINAL

T. 25 R. 15

County Chouteau

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

RECEIVED
JUN 2 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

# NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

371532
June 29, 1973
4:00 p.m

Date of Appropriation of Groundwater 1961

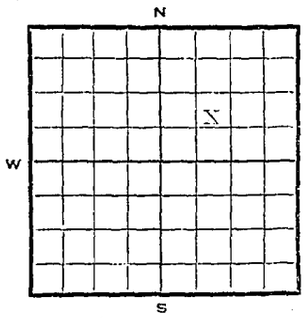
Owner Robert V. Darlington

Address Big Sandy, Montana 59520

Contractor (if any) none

Address of Contractor

Date Started May 1962 Date Completed May 1962




SW ¼ NE ¼ Sec. 14 T. 25 R. 15

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable dug out developed spring w/tank and also piped

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 stock water - used year around

1 gal per minute

Signature of Owner Robert V. Darlington

Date June 26, 1973

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.

56269

34632
June 29, 1973
4:00 p.m.

Date of Appropriation of Groundwater 1961

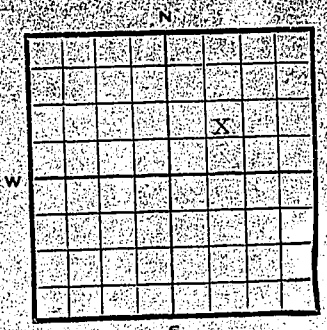
Owner Robert V. Darlington

Address Big Sandy, Montana 59520

Contractor (if any) none

Address of Contractor

Date Started May 1962 Date Completed May 1962




SW ¼ NE ¼ Sec. 14 T. 25 R. 15

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

Describe means of obtaining groundwater without a well, as by sub-irrigation and other natural processes". Include depth to water when applicable. dug out developed spring w/tank and also piped

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

stock water - used year around

1 gal per minute

Signature of Owner Robert V. Darlington

Date June 26, 1973

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.

56269

# 371532

STATE OF MONTANA, }
COUNTY OF CHOUTEAU, } ss.

Filed June 24 1973

at 4:00 o'clock P M.

County Clerk

By Deputy

Fee $ Paid

GW2

File No.....

T. 25 N R. 15E

DUPLICATE

County. Chateau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JUN 7 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 2860)

| | |
|---|---|
| 0 | top soil |
| 1 | brown clay |
| 26 | yellow clay |
| 42 | yellow clay, sandy |
| 51 | yellow clay |
| 72 | grey shale, judith |
| 85 | brown shale, sandy |
| 92 | grey sandy shale |
| 101 | brown sandy shale |
| 108 | light brown, sandy |
| 119 | grey sandstone |
| 127 | grey shale |
| 152 | grey shale, very sandy |
| 161 | grey shale |
| 168 | grey sandy shale |
| 174 | grey shale |
| 178 | sandy grey shale |
| 203 | brown shale |
| 207 | light brown shale |
| 224 | brown sandy shale |
| 232 | grey sandstone |
| 242 | grey shale, sandy |
| 247 | brown sandy shale |
| 253 | grey sandy shale |
| 268 | grey sandstone |
| 270 | sandstone, water, 1 gpm |
| 280 | hard shell |
| 281 | sandstone |
| 287 | grey sandy shale |
| 288 | sandstone |
| 290 | sandstone |
| | well completed |

Show exact depth of bottom.

Owner Frank Gasvoda Address Big Sandy, Mont.

Driller Lloyd G. Hanberg Address Box Elder, Mont.

Date of Notice of Appropriation of Groundwater May 1, 1962

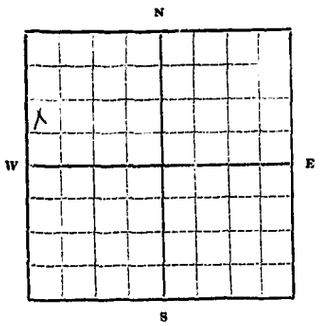
Date well started May 1, 1962 Date Completed May 11, 1962

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

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐

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

| Size of Drilled Hole | Size and Weight of Casing | From (Feet) | To (Feet) | PERFORATIONS Kind Size | From (Feet) | To (Feet) |
|---|---|---|---|---|---|---|
| 6 5/8 | 6" OD 10.50 | 0 | 290 | slot | 270 | 290 |




SW ¼NW¼ Sec. 16 T 25 R 15E

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

Static Water Level for non-flowing Well 260 feet.

Shut-in Pressure for Flowing Well none

Pumping Water Level 270 feet at 5 gal. per minute.

Discharge in gal. per min. of flowing well none

How Tested bailer Length of Test 6 hrs.

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

State License #6
Driller's License Number

Lloyd G. Hanberg
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.

830.

341110

Completion of Groundwater Appropriation

Frank Gasvoda

-to-

The Public

STATE OF MONTANA, }
COUNTY OF CHOUTEAU. } ss.

Filed JUN 8 1962 19__
at 10:30 o'clock A. M

George W. Harvey
County Clerk

By Irma M. Harris Deputy

$ 1.00 Paid

20

T. 25 R. 15N

County: Choteau

RECEIVED

STATE ENGINEER

# MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

## WATER WELL LOG

Owner: Frank Gamboda Address: Big Sandy, Montana

Driller: Floyd G. Hamberg Address: Box Elder, Montana

Date Started: July 13, 1961 Date Completed: July 21, 1961

Location: Sec. 20 T. 25 R. 15E ¼ sec. NW 1/4 of SE 1/4

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

Water use: Domestic [ ] Municipal [ ] Stock [X] Irrigation [ ]

Industrial [ ] Drainage [ ] Other:

Casing: 0 ft. to 229 ft. Type: T&C Size: 6" OD

Casing: ft. to ft. Type: Size:

Casing: ft. to ft. Type: Size:

Perforated or Screened: Ft. none to ft. none Ft. none to ft. none

Type of screen or perforations: none

Static Water level, for non-flowing well: 189 feet.

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

Pumping water level: 189 feet at 12 gal. per min.

How tested: bailer

Length of test: 4 hrs.

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

(over)

## Log of Well

| Depth, feet From | Depth, feet To | Description of Material Drilled |
|---|---|---|
| | 0 | top soil |
| [illegible] | 1 | yellow clay |
| | 2 | gravelly yellow clay |
| 2 | 26 | sandy yellow clay, some boulders |
| 26 | 42 | sandy yellow clay |
| 42 | 54 | light brown shale, top of Judith |
| 54 | 62 | sandy light brown shale |
| 62 | 84 | hard shell |
| 84 | 93 | sandy brown shale |
| 93 | 103 | grey shale, sandy |
| 103 | 106 | hard shell, grey |
| 106 | 112 | light brown shale |
| 112 | 132 | grey shale, sandy |
| 132 | 148 | brown shale |
| 148 | 151 | grey shale, sandy |
| 151 | 155 | sandstone, trace water |
| 155 | 165 | brown s[illegible] shale |
| 165 | 168 | grey sandy shale |
| 168 | 175 | brown shale, very sandy |
| 175 | 176 | grey sandstone |
| 176 | 220 | grey sandstone, water, [illegible] [illegible]ted |

T. 25 R. 15[illegible]

County Chouteau

# MONTANA BUREAU OF MINES AND GEOLOGY
**Butte, Montana**

## WATER WELL LOG

Owner Frank Jasnoa Address Big Sandy, Montana

Driller Lloyd J. Kanberg Address [illegible], Montana

Date Started July 13, 195[illegible] Date Completed July 21, 1961

Location: Sec. 20 T. 25 N. R. 15[illegible] ¼ sec. NW 1/4 of SW 1/4

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

Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

Industrial ☐ Drainage ☐ Other:

Casing: 0 ft. to 229 ft. Type [illegible] Size 5" [illegible]

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or Screened: Ft. none to ft. none Ft. none to ft. none

Type of screen or perforations none

Static Water level, for non-flowing well: 139 feet.

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

Pumping water level 139 feet at 2 gal. per min.

How tested: bailer

Length of test 4 hrs.

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

(over)