(Name of Appropriator) (Address) (Town)

County of ..... State of ..... have appropriated groundwater according to the Montana Water Code prior to January 1, 1962, as follows:

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

3. Date or approximate date of beginning beneficial use and how continued 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 descriptions of the lands to which water has been applied and name of the owner thereof .....

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

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

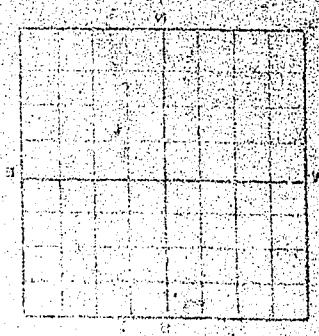
8. The depth of water in .....

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

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 The estimated amount of groundwater withdrawn each year .....

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

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



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

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

#34684

STATE OF MONTANA,
COUNTY OF CHOUTEAU. } ss.

Filed DEC 30 1963 19..

at 10:00 o'clock a M.

George W. Harvey
County Clerk

By Viola M. Jewell Deputy

Fee $2.00 Paid

File No. .....

DUPLICATE

H

T. 28 N. R. 13 E.

County Chouteau

RECEIVED

JAN 7 1964

STATE ENGINEER

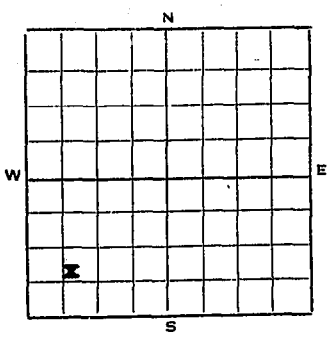
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Mary Healand, 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:



NE¼SW¼ SW¼ Sec. 8 T28NR13E

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, household, domestic, irrigation.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50,000 cubic feet per month

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 claimant uses on adjoining land, with surface water to irrigate E½, SW¼, S; W½NW¼, NWSW9

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal well and spring fill reservoir about 70'x 120' x 35', conveyed by ditches, sprinkler system, etc.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1890-originally developed by Railroad for use with engines, use converted to irrigation, etc. in 1940 approximately.

8. The depth of water table well is beneath reservoir, so is spring.

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 No record available, unable to determine from physical examination due to water in reservoir.

10. The estimated amount of groundwater withdrawn each year 6 million 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 none

Signature of Owner Mary C. Healand

Date 30 December 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.

26520

(Name of Appropriator) (Address) (Town)

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

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

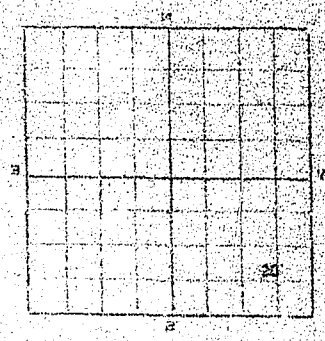
2. The beneficial use on which the claim is based .....

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

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

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

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

Signature of Owner .....

Form 21 .....

There appears to be a well in the ..... of the records in which the well is

[illegible]

#347228

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

Filed DEC 31 1963 19....

at 4:30 o'clock P. M.

[illegible] Clerk and Recorder

By ..... Deputy

Fee 2.00 Paid

JUN 29 1973

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

GW 3 Revised 1969
2057—1500—1/71

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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 may be returned.

For Administrator's Use

File 371264

June 28, 1973

GW 1 11:00 A.M.

Owner Mary C. Haaland

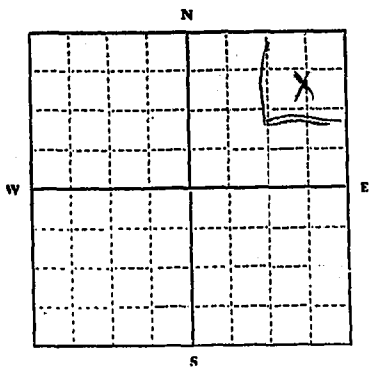
Address Big Sandy, Montana 59520

Contractor (if any) N/A

Address of Contractor N/A

Date Started Natural spring Date Completed 1888

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



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

3. Depth of water table Surface

4. Use of the water Stockwater and irrigation - Flows into reservoir.

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 10 miner's inches.

NE ¼ NE ¼ Sec. 8

T. 28 N ~~S~~ R. 13 E ~~W~~

6. If used for irrigation, give number of acres and description of land NE¼NE¼, Section 8, Township 28 N., Range 13E, Chouteau County, Montana.

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE. Elevation of spring, if known or estimated N/A

7. Estimate amount of water used each year Entire flow.

8. Months of year spring flows Flows full year around.

Signature of Owner Mary C. Haaland

Date June 27, 1973

54415

Owner Mary C. Hanlana

Address Big Sandy, Montana 59520

Contractor (if any) N/A

Address of Contractor N/A

Date Started Natural spring Date Completed 1888

2. Describe means of obtaining ground water (as by sub-irrigation, developed spring, drains, etc) Developed spring.

3. Means of distributing water (gravity, pump, canal, etc) ditch

4. Depth of water table Surface

5. Use of the water Stockwater and irrigation - flows into reservoir.

6. Amount of ground water diverted (cubic feet or gallons per minute) 20 miner's inches.

7. Describe fully the location of area and description of land irrigated. Section 8, Township 26 N., Range 18E, Cascade County, Montana.

8. Date of first application of water to beneficial use. June 27, 1973

#371264

STATE OF MONTANA, COUNTY OF CHOUTEAU, } ss.

Filed JUN 28 1973 19

at 1:00 o'clock P.M.

County Clerk

By Deputy

Fee $ 2.00 Paid

For Administrator's Use

File

Claimant

GW

N

W

NW NE Sec. 8

T. 26 R. 13

INDICATE POINT OF APPROPRIATION AND PLACE OF USE. IF POSSIBLE, place (or of spring, if known or not) marked

Mary. Haaland owner
where-a- Certs of Filing Haaland un. Exam

T. 28 R. 13 E

County Choteau

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUL 13 1961
STATE ENGINEER

WATER WELL LOG

Sec. 8

well

Owner Mary C. Haaland Address Big Sandy Montana

~~Driller~~ Diggers Filing by Mary C. Haaland Address Big Sandy Montana

Date Started Summer of 1931 Date Completed Summer of 1931

Location: Sec. 8 T. 28 R. 13 ¼ sec. SW¼-SW¼

Type of well X (Dug, driven, bored, or drilled) Equipment used Pick & shovel (Churn drill, rotary, other)

Water use: Domestic [X] Municipal [ ] Stock [X] Irrigation [X] Fruit-Trees Garden, trees

Industrial [ ] Drainage [ ] Other:

Casing: Top (20') ft. to Bottom ft. Type Rock Size 5 ft 42"

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: 12 ft from top feet.

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

Pumping water level feet at gal. per min.

How tested:

Length of test

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

(over)

File No. .....

DUPLICATE

SECTION No 6

RECEIVED
MAY 20 1964
STATE ENGINEER

T. 28 R. 13
County CHOUTEAU

RECEIVED
JAN 7 1964
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

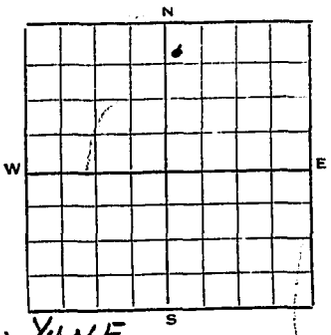
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. FRANK T. BALAZIC, 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 ¼ NE ¼ Sec. 10 T. 28 R. 13

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 & HOME

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
3 years (1960)

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
30 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
ELECTIC PRESSURE PUMP.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
SEPT 1 1960 OCT 1 - 1960

8. The depth of water table 152 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
6 INCH CASING TO DEPTH of 187 ft.

10. The estimated amount of groundwater withdrawn each year 150,000.

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

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

Signature of Owner Frank T. Balazic

Date Dec. 31-1963

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

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

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

26374

have been granted groundwater according to the Montana Law (Revised Statutes Number 7-1-2[illegible]) as follows:

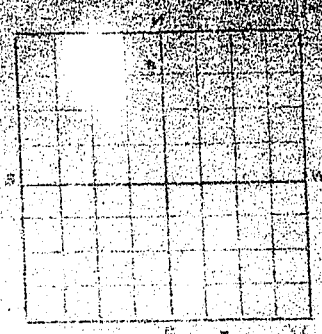
2. The specifications on which the claim is based.

3. Date or approximate date of actual beneficial use and how and (unless 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. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner

Date

Please present all copies [illegible] to the County Clerk and Recorder in the county in which the well is [illegible]

434071

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

Filed DEC 31 1963 19

at 4:00 o'clock P.M.

[illegible]
County Clerk

By [illegible] Deputy

Fee 2.00 Paid

GW 3

File No.....

DUPLICATE

T. 28 n R. 13 E

County Chouteau

RECEIVED
DEC 18 1963
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 1913

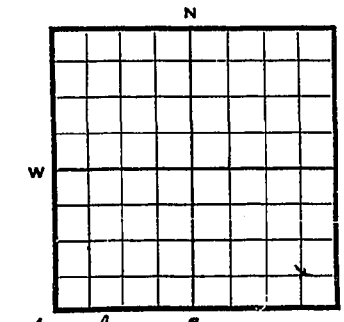
Owner Walter L. Genereux

Address Big Sandy

Contractor (if any) .....

Address of Contractor made in 1913

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



SE 1/4 SE Sec. 11 T. 28 R. 13

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. Water comes to top of ground basin 8' x 10' x 5' 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 This spring used year around for stock garden house haul water from same during summer for stock

Signature of Owner Walter L. Genereux

Date Dec 11-1963

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.

9964

346354

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

Filed DEC 16 1963 19__

at 8:00 o'clock A.M.

George W. Harvey
County Clerk

By Jane M. Harris Deputy

Fee $2.00 Paid

Form No. 18
8-60

T. 28 R. 13

County Chouteau

RECEIVED
DEC 27 1961
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

Water Well Log

Owner Steve Kalanich Address Big Sandy, Mont.

Driller Floyd G Hanberg Address Box Elder Mont.

Date Started Nov 13, 1961 Date Completed Nov 15, 1961

Location: Sec. 12 T. 28 R. 13 ¼ sec. NWSW

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 95 ft. Type Screw + Socket Size 6 in. O.D.

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

Perforated or screened: Ft. 30 to ft. 50. Ft. 75 to ft. 95

Type of screen or perforations Slots.

Static water level, for non-flowing well: 30 ft. from surface feet.

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

Pumping water level 65 feet at 8 gal. per min.

How tested: Bailer

Length of test Two days

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

This well was packed with pea gravel around casing.

(over)

Log of Well

Depth, feet From	To	Description of Material Drilled
0		Top Soil
1	5	Yellow Clay
5	6	Sandy Clay
6	8	~~Brown Sand~~ Gravel
8	10	~~Some coal~~ Brown Sand
10	12	~~Yellow Clay~~ Some Coal
12	18	Yellow Clay
18	38	Sandy Yellow Clay
38	42	Dark Shale
42	50	Light Grey sandy shale
50	95	Sand Stone
95		Grey Shale

B

G

File No.....

DUPLICATE

T. 28 R. 13

12

County. Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 17 1964
STATE ENGINEER

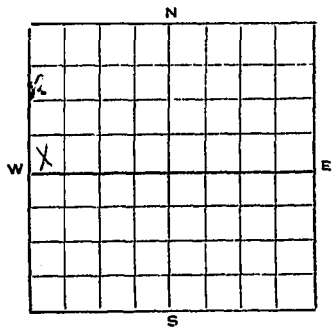
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Walter L. Genereux, 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 NW Sec 12 T 28 R 13

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 house hold + stock water, irrigate

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) 10 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 ..... lawn + trees

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

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 ....50'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater ....6" Casing 65' deep

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

11. The log of formations encountered in the drilling of each well if available ....Coarse gravel water in blue clay

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record. There is a good well and under every day pumping has never come out of water

Signature of Owner Walter L. Genereux

Date Dec 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.

3716 4

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

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

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 such well or other means of withdrawal .....

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

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

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

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

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

12. Such other information of a similar nature as may be required by the policy or rules, or by filing reference to book and page, of any county in and .....

Signature of Owner .....

Three copies to be filed by the owner with the 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 Board of Supervisors and Quadruplicate for the appropriator.

STATE OF MONTANA, COUNTY OF CHOUTEAU } ss.
Filed JAN 16 1964 at 2:00 P.M.
Bob Williams
County Clerk
By ..... Deputy

347 388

GW 2

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

File No.....

T 28N R 13E

DUPLICATE

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED NOV 14 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 2800)

0	top soil
5	yellow clay
19	gravelly clay
29	boulders
31	gravelly clay
45	sand and gravel, show of water
48	sandy clay
51	very sandy, show of water
55	gravel
56	sandy clay, grey
68	gravelly clay, grey
96	sandy clay, grey
102	very sandy grey clay
106	gravelly grey clay
138	very sandy clay
140	gravelly clay
168	sandy clay
175	gravelly clay
189	sandy clay, some pebbles
196	gravelly clay
203	gravel, water
205	gravel, well completed

Owner Lester Sluggett Address Big Sandy, Montana

Driller Lloyd G. Hanberg Address Box Elder, Montana

Date of Notice of Appropriation of Groundwater Oct. 25, 1962

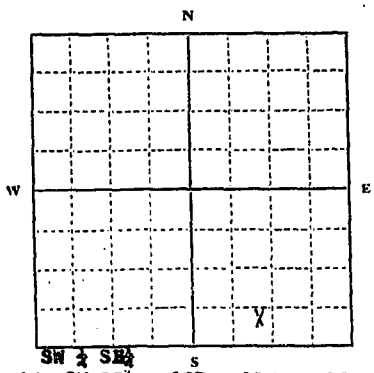
Date well started Oct. 25, 1962 Date Completed Oct. 29, 1962

Type of well drilled (dug, driven, bored or drilled) Equipment Used spudder (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 5/8	6" O.D. 13.00	0	205	none	none	none



SW ¼ SE¼ Sec. 13E T 28N R 13E

East side S½ SE¼

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 60 feet.

Shut-in Pressure for Flowing Well none

Pumping Water Level ~~140~~ 80 feet at 24 gal. per minute.

Discharge in gal. per min. of flowing well none

How Tested bailer Length of Test 4 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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

2485

342438

STATE OF MONTANA }
COUNTY OF CHOUTEAU } ss.

Filed MAY 13 1982 19__

at 11:10 o'clock A. M

George W. Harvey

County Clerk

By Irma M. Harris Deputy

Fee $2.00 Paid

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—50551

File No.....

T. 28 R. 13

DUPLICATE

County Chouteau

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

(Elev. above sea level N.A.)

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

RECEIVED
AUG 2 1977
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Owner Steve Kolanich Address Big Sandy Mont

Driller N.A. Address N.A

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

Date well started N.A Date completed N.A

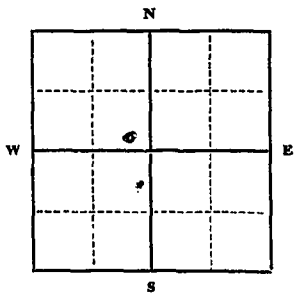
Type of well Dug (Dug, driven, bored or drilled) Equipment used pick + shovel (Churn drill, rotary or other)

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)
4'x4'	wood 2x8	0	20			

371436
6-29-73
2:00 p.m.



Static Water Level for non-flowing well 5 feet.

Shut-in Pressure for Flowing Well X

Pumping Water Level 10 feet

at N.A. gal. per minute.

Discharge in gal. per min. of flowing well X

How Tested X

Length of Test X

Remarks: (Gravel packing, cementing, packers, type of shutoff) X

.....¼ Sec. 14 T. 28 R. 13

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

(Continue on reverse side)

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

Show exact depth of bottom.

20 ft

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

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

N.A.
Driller's License Number

N.A
Driller's Signature.

56361

APPROPRIATION BY INDIVIDUAL OWNER

DECLARATION AFTER JANUARY 1, 1962

(Under Chapter 197 Montana Session Laws, 1961, as amended)

Owner Lt. Col. Lawrence A. Adams Box 3 Sandy Point

Address N/A Address N/A

Date of Notice of appropriation (or of commencement) N/A

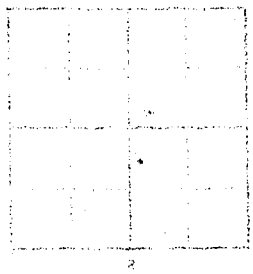
Date well started N/A Date completed N/A

Type of well Dug Dominant land formation Sandy Clay Shale
(Dug, drilled, bored or driven) (Clay, shale, sandy or other)

Water used: Domestic ☐ Irrigation ☐ Stock ☒ Domestic ☐
Industrial ☐ Other use ☐ Other ☐

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

Depth Top	Depth Bottom	Thickness	Description
N/A	Proved 0 20	20	



#371436

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

Filed JUN 29 1973 19

at 2:00 o'clock P.M.

By [signature] Clerk

Fee $ Paid Deputy

GV. a

File No.....

DUPLICATE

T. 28 R. 13

County Musselshell

RECEIVED
JAN 17 1964
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

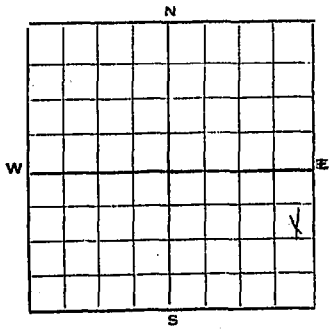
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Walter L. Genereux, 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 NE¼ SE Sec. 15 T. 28 R. 13

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

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

3. Date o 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) 15 gal per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Gas Motor on hand pump 2 cylinder Vacuum type in well

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 2-5-1 to 6-4

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 1 3, 5, 6 deep

10. The estimated amount of groundwater withdrawn each year 10 Water Stock 25 Cows

11. The log of formations encountered in the drilling of each well if available Brown Grance Clay Sticky Water 64-67 sand stone Clear Water

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 Walter L. Genereux

Date Dec 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.

37165

347389

STATE OF MONTANA.
COUNTY OF CHOUTEAU. } ss.

JAN 16 1984

Filed _____ 19__

Entered 11:15 o'clock 4 M

Georgell Fowey
County Clerk

By _____ Deputy

Fee $ 2.00 Paid

T. 28 R. 13 E

County Chouteau

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUL 13 1961
STATE ENGINEER

WATER WELL LOG

well → Sec 17

Owner Mary C. Haaland Address Big Sandy, Mont.

~~Driller~~ Dug with John Haaland & John Nygard Address Both dead

Date Started Summer of 1932 Date Completed Fall of 1932

Location: Sec. 17 T. 28 R. 13 ¼ sec. NW¼-NW¼

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

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

Industrial [ ] Drainage [ ] Other:

Casing: Top 24' ft. to Bottom ft. Type Cement Size 42"

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: 12 ft from top feet.

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

Pumping water level feet at gal. per min.

How tested:

Length of test

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

(over)

RECEIVED

JUN 29 1973

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Mary C. Haaland

Address Big Sandy, Montana 59520

Date well started 1888

completed 1888

For Administrator's Use
File 371267
June 28, 1973
GW 1 11:00 A.M.

Type of well Hand dug
(Dug, driven, bored or drilled)

Equipment used Pick, shovel, bucket, rope, labor
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒

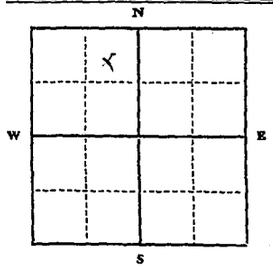
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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). 5 acres, including 2 gardens, potato land, trees, yards, etc.

ESTIMATED ANNUAL WITHDRAWAL 6 acre feet.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6' Culvert	25' deep					



NE ¼ NW ¼ Sec. 17
T. 28 N/S R. 13 E/W

Static water level Surface ft.*
Pumping water level Constant ft.*
at N/A gallons per minute,
measured N/A minutes after pumping began.
*Measured from ground level.
Well developed by
for hours.
Power Electric Pump 2 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature N/A

Driller's Address N/A

LICENSE NO. N/A

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)	
		N/A

N/A Show exact depth of bottom

54412
54413

Size and Weight of Casing	Depth of Casing (Feet)	Depth of Cement (Feet)

PERFORATIONS

Kind	Size	From (Feet)	To (Feet)

Static water level 18' ft.*

Pumping water level Surface ft.*

at gallons per minute, measured unknown minutes after pumping began.

*Measured from ground level.

Well developed by R.R.

for unknown hours

Power N/A Pump N/A HP

Remarks: (Gravel packing, cementing, packers, type of shutoff)

Well and creek flow into reservoir, water then pumped or drained for irrigation.

LOCATION OF WELL AND PLACE OF USE. If possible

¼ Sec. 13 N R E

#37262

STATE OF MONTANA,
COUNTY OF CHOUTEAU, } ss.

Filed JUN 28 19

at 11:00 o'clock A M.

County Clerk

By Deputy

Fee $ 2.00 Paid

RECEIVED

JUN 29 1973

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Mary C. Haaland

Address Big Sandy, Montana 59520

Date well started 1887

completed 1887

For Administrator's Use	
File	371263
	June 28, 1973
GW 1	11:00 A.M.

Type of well Unable to answer (Dug, driven, bored or drilled)

Equipment used Unable to answer (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☒

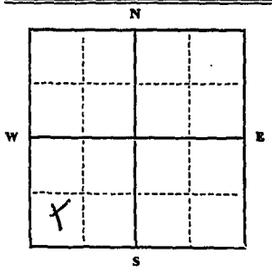
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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). SW¼, W½NW¼, E½, Sec. 8; W½W½, Sec. 9; N½N½, Sec. 17, Twp. 28N., Rge 13E., Chouteau County, Montana

ESTIMATED ANNUAL WITHDRAWAL Unknown - Well is in bottom of reservoir which is 18' to 20' deep.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)



Static water level 18' ft.*

Pumping water level Surface ft.*

at gallons per minute,

measured unknown minutes after pumping began.

*Measured from ground level.

Well developed by R.R.

for unknown hours.

Power N/A Pump N/A HP

Remarks: (Gravel packing, cementing, packers, type of shutoff) Well and creek flow into reservoir, water then pumped or drained for irrigation.

¼ ¼ Sec.

T. 28 N R. 13 E

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

Driller's Signature N/A

Driller's Address N/A

LICENSE NO. N/A

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)	
		N/A

N/A Show exact depth of bottom

54413

#371267

STATE OF MONTANA,
COUNTY OF CHOUTEAU, } ss.

Filed JUN 28 1973 19

at 11:00 o'clock a M.

George W Harvey
County Clerk

By _____ Deputy

Fee $ 2.00 Paid

File No.....

DUPLICATE

Description?

T. 28 N R. 13 E 17

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 4 1962
STATE ENGINEER

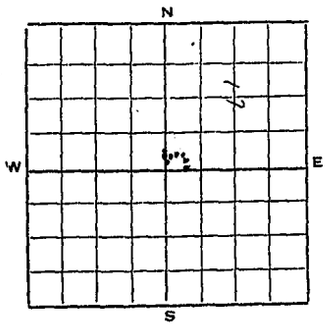
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Town Of Big Sandy (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 1/4SW Sec. 17 T28N R13

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 Municipal use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 1 To Sep 30 of each year (6 mo.)

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 3 HP Jets 15 gals P.M.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Jan 1960 Construction, March 1961 Completion

8. The depth of water table Average 8 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 No1- 26'x3' - no2 - 30'x3' - no3 - 32'x3' no4 - 26'x3 - no5 22'x3' - no6 22'x3' - no7 22'x3' - no8 20'x3' no9 - 18'x3' - no10 - 30'x6"

10. The estimated amount of groundwater withdrawn each year 18,000,000 gals

11. The log of formations encountered in the drilling of each well if available 0'-2' Sandy Clay 2'-12' Clay, Br. 12'-20' Fine silty sand w/clay 20-30 fine sand To coarse 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 These wells were hand dug 4' wide Then a 3' Casing installed Gravel (screened & graded) poured between 4' and inside 3" Casing 6" Casing pulled making gravel packed well.

Signature of Owner Town of Big Sandy Ralph Alderdice (Mayor)

Date Apr 3, 1962

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

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

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

219

File No. .....

DUPLICATE

T. ..... R. .....

County .....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 287, Montana Session Laws 1961)

1. 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 beneficial use to which the water has been applied is .....

3. Purpose or purposes .....

4. The use for irrigation of .....

5. The amount of groundwater claimed ..... (Number of inches or gallons per minute) .....

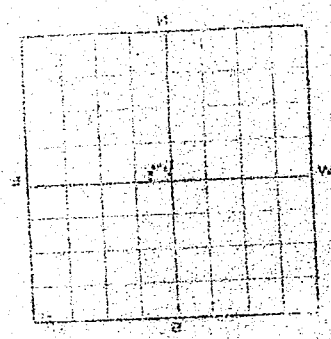
5. If used for irrigation give the number of acres and description of the lands to which water has been applied and name of the owner thereof .....

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

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

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

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



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

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

#240069
STATE OF MONTANA }
COUNTY OF CHOUTEAU } ss.
Filed April 3 1962
at 2:45 o'clock P.M.
George W. Harvey County Clerk
By Irma M. Harris Deputy
Fee $ None Paid

File No. .....

DUPLICATE

T. 28 N R. 13 E 78

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
APR 4 1962
STATE ENGINEER

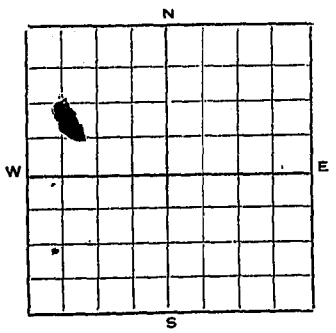
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Town Of Big Sandy (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 SW 1/4 Sec. 18 T. 28 R. 13

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 Municipal

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1955 Used 6 mo continuously but of year as emergency arises by mineralized

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 65 gals. 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 Municipal

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 5 H.P. Submergible 75 gal. Per Min (Choked)

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced + completed in 1955

8. The depth of water table 40'

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 8" Casing 260' Deep. 10' Screen.

10. The estimated amount of groundwater withdrawn each year 22,848,000

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 Town of Big Sandy by J. Oliver Abbenhaus (Mayor) Date Apr 3 1962

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

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

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

218

#340068

STATE OF MONTANA }
COUNTY OF CHOUTEAU } ss.

Filed April 3 19 62

at 2:45 o'clock P. M

George W. Harvey

County Clerk

By Irma M. Harris Deputy

Fee $ none Paid

File No. 371498

DUPLICATE

RECEIVED
AUG 2 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

T. 28 R. 13

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

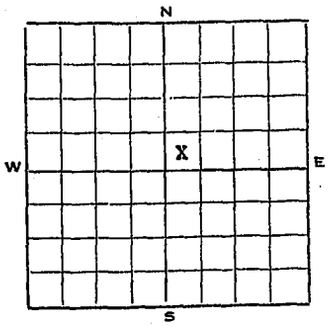
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. KENNETH CHAUVET, of Big Sandy, Montana
(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. 18 T. 28 R. 13

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 and domestic use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 30 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

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

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

8. The depth of water table 171 feet

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

10. The estimated amount of groundwater withdrawn each year

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

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 Kenneth Chauvet

Date June 20, 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.

56285

#37498

STATE OF MONTANA, } ss.
COUNTY OF CHOUTEAU }

Filed JUN 29 1973 19

at 8:00 o'clock A M.

Georgette Hardy
County Clerk

By _____ Deputy

Fee $ _____ Paid

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—48557

File No.....

MONTANA WATER RESOURCES BOARD
RECEIVED
JUN 15 1970

T 28N R 13E

TRIPLICATE

County CHOTEAU

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Top of Ground

(Elev. above sea level.....)

To	
2	SOIL
12	BROWNISH-GREY CLAY
15	CLAY + SAND MIX - SOME WATER
21	SOFT TACKY GREY CLAY
33	SOFT BROWNISH-GREY CLAY
37	BROWN SILT + SAND - WATER - 4 GPM
39	BROWN CLAY
46	BROWNISH-GREY CLAY
48	GREY SAND + SILT - TRACE OF WATER
52	SILTY GREY CLAY
57	GREY CLAY
58	GREY SAND - TRACE OF GRAVEL - WATER - APPROX 2 GPM
66	SANDY GREY CLAY
72	GREY CLAY
75	SANDY GREY CLAY
83	GRAVELLY GREY CLAY
87	SILTY GREY CLAY
96	GRAVELLY GREY CLAY
98	SOFT GREY CLAY
99	GREY SAND - SOME LARGE GRAVEL - WATER.
100	GREY SAND
101	GREY SAND + LARGE GRAVEL - (1" TO 2" DIAMETER) - WATER
102	GREY SAND - SOME SMALL GRAVEL + LARGE GRAVEL
103½	COARSE GREY SAND - GRAVEL - (PEA SIZE TO 2½" DIAMETER)
105	COARSE SAND - LARGE GRAVEL - CLAY SHOWING UP IN SAMPLE)
107½	LARGE GRAVEL + SAND - (CLAY SHOWING UP IN SAMPLE)
110½	GRAVELLY GREY CLAY
111½	SANDY GREY CLAY
	HOLE PLUGGED BACK TO 107½ FT FROM GROUND LEVEL.
	BOTTOM OF 7" CASING AT 107½ FT WELDED SHUT

Show exact depth of bottom.

Owner CITY OF BIG SANDY Address BIG SANDY, MONTANA

Driller HI-LINE DRILLING SERVICE Address HAVRE, MONTANA

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

Date well started 6/14/69 Date completed 8/20/69

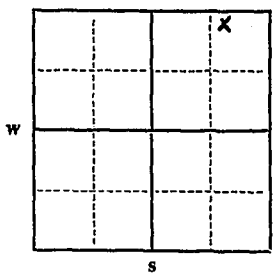
Type of well DRILLED (Dug, driven, bored or drilled) Equipment used CABLE TOOL RIG (Churn drill, rotary or other)

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)
10¾	10" I.D. 28# PER FT	0	21	JOHNSON STAINLESS STEEL SCREEN WITH LEAD PACKER TOP (SIZE 89) INSTALLED FROM 100 - 104 FT LEVEL.		
8⅝"	8⅝" O.D (.250 WALL)	3 FT. ABOVE GROUND LEVEL	100	No. 15 SLOT	100	102
				No. 25 SLOT	102	104
				NOTE: LENGTH OF 7" OD CASING, 3½ FT IN LENGTH, WELDED TO BOTTOM OF SCREEN + SERVE AS SAND TRAP DEVELOPING BOTTOM PART OF SCREEN + SERVE AS SAND TRAP		

BOTTOM WELDED SHUT



NE 1/4 NE 1/4 Sec. 19 T 28N R 13E

Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 17 feet.

Shut-in Pressure for Flowing Well NOT APPL.

Pumping Water Level 98 feet at 16 gal. per minute.

Discharge in gal. per min. of flowing well NOT APPLICABLE

How Tested BAILER

Length of Test 3 HOURS

Remarks: (Gravel packing, cementing, packers, type of shutoff) 21 FEET OF 10" CASING INSTALLED + PUDDLED CLAY PLACED AROUND OUTSIDE AT START OF DRILLING OPERATION. UPON COMPLETION OF WELL, CEMENT GROUT WAS PLACED BETWEEN 8" + 10" CASING ~~[illegible]~~ TO SEAL OFF SURFACE CONTAMINATION (Continue on reverse side)

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

Doc. No. 362319

Filed for record this 3 day of June A.D. 19 70, at 9:00 o'clock A. M.

46

Driller's License Number

Herbert Greiner

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, tissue copy to be retained by driller.

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

46578

Notice of completion of Groundwater
& appropriation by means of wells
City of Big Sandy

362349

STATE OF MONTANA }
COUNTY OF CHOUTEAU }

Filed June 3 1970
at 9:00 o'clock a M
George McDonald
County Clerk
By _____ Deputy
Fee $ / Paid

File No. .....

DUPLICATE

Permission

T. 28 N R. 13 E

County Choteau

RECEIVED APR 4 1962 STATE ENGINEER

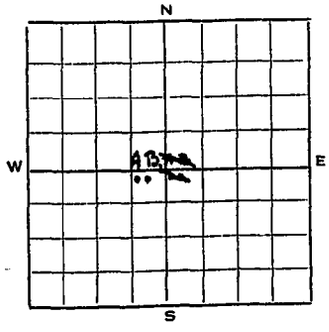
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Town Of Big Sandy (Name of Appropriator), of (Address) Big Sandy (Town)

County of Choteau 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. 19 T28 R13

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 Municipal use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been (A) Put in use about 1949 has been in continuous use since (B) 2nd well 100' E used since 1958

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Bush Wells (A) 1½ H.P. Submergible 15 gal. Per M. (B) 1½ H.P. Submergible 15 gal. Per M.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater (A) Commencement & Completion in 1949 (B) Commencement & Completion in 1958

8. The depth of water table About 30' in A & B wells

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) 8" Casing 110' Deep Log unknown (B) 7" Casing 95' Deep, Log unknown

10. The estimated amount of groundwater withdrawn each year 7,776,000

11. The log of formations encountered in the drilling of each well if available Not Available on either A or B Well.

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

Signature of Owner Town of Big Sandy By L. Nelson Alderdice (Mayor) Date Apr. 2, 1962

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

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

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

216

File No. .....

DUPLICATE

T. ..... R. .....

County .....

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 267, Montana Session Laws, 1961)

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

County ..... have appropriated groundwater according to the laws in force prior to January 1, 1962, as follows:

2. Date or approximate date ..... (month, day, year)

3. The amount of groundwater claimed in ..... per minute) ..... or gallons

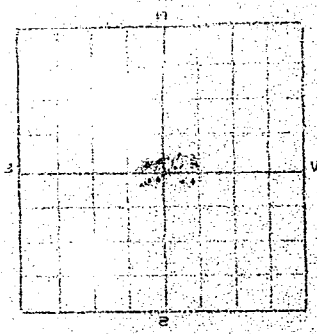
4. If used for irrigation, give the acreage and description of the land to which water has been applied and name of the ..... thereof.

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

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

7. The depth of water table.

8. 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.



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

#340065
STATE OF MONTANA, }
COUNTY OF CHOUTEAU, } ss.
Filed April 13 1962
at 2:45 o'clock P.M.
George W. Harvey
County Clerk
By Irma M. Harris
Deputy
Fee $ Paid

File No. .....

DUPLICATE

Description

T. 28 N R. 13 E 19

County Choteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

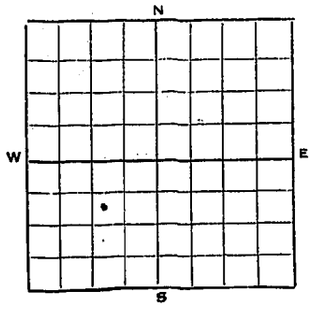
RECEIVED
APR 4 1962
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Town Of Big Sandy, 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:



SE 1/4 NW Sec. 19 T28N R13

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
Municipal use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been About 1941 used continuously.

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Deep Well 2 H.P. Submergible 20 gal Per Min. (Choked)

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commencement & Completion in 1941

8. The depth of water table 30'

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 7" Casing x 90' + 6' Screen.

10. The estimated amount of groundwater withdrawn each year 7776,000 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
None

Signature of Owner Town of Big Sandy
J. Milton Alderdice
(Mayor) Date Mar. 31, 1962

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

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

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

221

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 227, Montana Session Laws, 1961)

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

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

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

4. Time or approximate date of earliest beneficial use and how continuous the use has been .....

5. The amount of groundwater claimed, in gallons per minute or cubic feet per minute .....

6. If used for irrigation, give acreage and description of the lands to which water is applied .....

7. The means of conveying the water from the source to the place of use .....

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

9. The depth of every well .....

10. If known, or if not, be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater .....

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

12. The log of the strata encountered in the drilling of each well if available .....

13. Sketch or a description of a similar nature as may be useful in locating on the ground, or the map, including reference to back and page of any county record .....

Signature of Owner .....

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

#340064
STATE OF MONTANA, }ss.
COUNTY OF CHOUTEAU }
Filed April 3 1962
at 2:45 o'clock P. M.
George M. Harvey County Clerk
By Irma M. Harris Deputy
Fee $ FORM Paid

3-GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
JUN 7 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County CHOTEAU

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner WILLIAM OR ADELAIDE JURENKA

Address BIG SANDY
MONTANA

Date well started MARCH 5, 1973
completed MARCH 9, 1973

For Administrator's Use	
File	371021
	June 5, 1973
GW 1	11:00 A.m.

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

Equipment used CABLE TOOL RIG
(Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

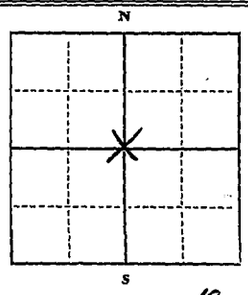
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 EXCEEDING 500,000 GALLONS

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
12"		0	22	(NO PERFORATIONS)		
6 5/8"	6 5/8" OD (188 WALL) 13# PER FOOT	2 FEET ABOVE GROUND LEVEL	93	WATER COMING IN THRU BOTTOM OF DRIVE SHOE AT 93 FOOT LEVEL		



Static water level 76 ft.*
Pumping water level 39 ft.*
at 13 gallons per min e,
measured 360 minutes after pumping began.
*Measured from ground level.
Well developed by BAILER + PUMP
for 12 hours.
Power ELECTRIC Pump 3/4 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) HOLE WAS REAMED TO 12" DIAMETER TO 22 FT. UPON COMPLETION OF WELL, ANNULAR SPACE FROM 22 FT BACK TO SURFACE FILLED WITH BENTONITE + DRILLING MUD

¼ ¼ Sec. 19
T. 28 N R. 13 E
S W

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

Driller's Signature Robert Greier HI-LINE DRILLING SERVICE

Driller's Address 173 6TH ST. NO PHONE 265-4210
HAVRE, MONTANA 59501 LICENSE No 46

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
0 TO	2	HEAVY CLAY SOIL
	6	DENSE GREY CLAY
	9	GREY CLAY + SAND MIX
	22	DENSE GREY CLAY - (SOFT)
	24	GREY SAND - SMALL WATER YIELD. WATER TABLE - 8 FEET FROM GROUND LEVEL AFTER ALL-NIGHT STAND
	40	GREY CLAY
	58	SANDY GREY CLAY
	60	RUNNY GREY SAND
	76	SANDY GREY CLAY
	86	GREY SILT + SAND - BITS OF COAL
	90	SANDY GREY CLAY
	91	GREY SAND - CONSIDERABLE FINE SAND + SILT - LADEN WITH CHUNKS OF COAL APPROX. ½ TO 1" IN DIAMETER
	93	SAND + GRAVEL - QUITE SHARP - LADEN WITH COAL CHUNKS - ALSO SMALL BITS OF SHALE
		WATER - EXCEEDING 15 GPM
		NOTE: APPROXIMATELY 3½ FEET OF SAND + GRAVEL LEFT IN BOTTOM OF CASING UPON COMPLETION OF WELL

93 Show exact depth of bottom

53,383.

#371021

STATE OF MONTANA }
COUNTY OF CHOUTEAU } ss.

Filed June 5 1973

at office o'clock 9 M.

Georgette Hardy
County Clerk

By _____ Deputy

Fee $ 2.00 Paid

G

File No.

DUPLICATE

Irrigation?

T. 28 N R. 13 E 20

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED APR 4 1962 STATE ENGINEER

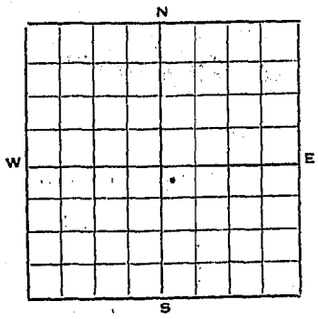
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Town Of Big Sandy (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:



N.W.1/4 N.W. Sec. 20 T. 28 N R. 13

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 Municipal use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1948

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1½ H.P. Submergible 15 gals. Per. Min.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater During The year Of 1948

8. The depth of water table 30'

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 7' x 90' + 6' Screen

10. The estimated amount of groundwater withdrawn each year 7,776,000 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 None

Signature of Owner Town of Big Sandy By J. Milton Allderdice (Mayor) Date Apr. 3, 1962

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

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

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

220

#340066

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

Filed April 3 1962

at 2:45 o'clock P M.

George W. Harvey
County Clerk

By Irma M. Harris Deputy

Fee: None Paid

G

File No.....

DUPLICATE

Description?

T. 28 N R. 13 E 20

County Chouteau

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

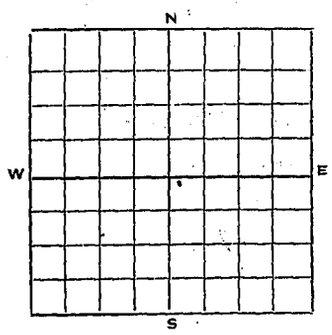
RECEIVED
APR 4 1962
STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. Town Of Big Sandy, 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:



NW1/4NW Sec. 20 T28N R13

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
Municipal use

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1918 To 1957 - 300 gals Per Min.
1957-1962 - 100 gals 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
Municipal

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1.5 HP
Submergible 100 gal Per Min

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

8. The depth of water table Water Taken out Of Big Sandy creek,

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 Cistern House 15' x 15' Perforated Pipe Perforated 12" Culvert set 3' Below creek Bed with gravel Packed for filtration Chlorinator installed at Pump. This is seasonal when creek is flowing

10. The estimated amount of groundwater withdrawn each year 320 A. feet.

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 Town of Big Sandy By J. Melton Alderdice Mayor Date April 3, 1962

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

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

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

217

#340067

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

Filed April 3 19 62

at 2:45 o'clock P M

George W. Harvey
County Clerk

By Irma M. Harris Deputy

Fee: None Paid

GP. 4
File No.
DUPLICATE

1-4 NW NE 42

20

T28 R 13 E
County

RECEIVED
FEB 5 1963
STATE ENGINEER

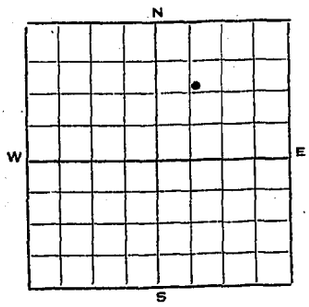
STATE OF MONTANA
ADMINISTRATOR OF GROUND[redacted] CODE
OFFICE OF STATE ENG[redacted]

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

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

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



N.W. 1/4 Sec 20 T28n R13E

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 Well & Garden Irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Sept. 1955 continues

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 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 1 Acre

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Shallow well Pump & 1½" Centrifugal Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Sept 15 1955

8. The depth of water table 3' to 9'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well 12' Deep Cut Pipe with 5' Dia Steel Culvert 6' Hi then 3' Dia Culvert For Remaining 6'

10. The estimated amount of groundwater withdrawn each year 500,000 gal.

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 J.P. Berlinger Estate
Wilfred A. Berlinger Adm. Date Jan. 25, 1963

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

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

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

3519

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 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 local use or log of any county record .....

Signature of Owner .....

There qualified to be filed with the County Clerk and if ..... which the well is applicable, or date, ... to the School ..... Mines ..... regulations.

STATE OF MONTANA, COUNTY OF CHOUTEAU, } ss.

Filed Feb. 4 1963 at 10:40 o'clock A. M.

County Clerk

By ..... Deputy

Fee $ 2.00 Paid

343796

File No. ..... Dark Question

DUPLICATE

T. 28 N. R. 13 E.

County Flathead

RECEIVED FEB 5 1963 STATE ENGINEER

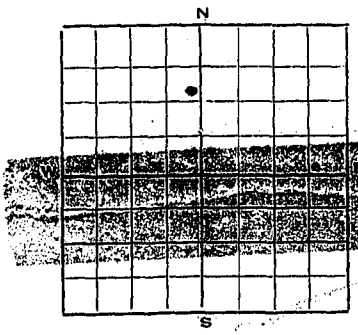
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. J. P. Berlinger Estate, 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 SW 1/4 Sec. 20 T 28 N R 13 E

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Sept. 1955

4. Approximate amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal. Per minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Sept. 1955.

8. The depth of water table 3 to 9'

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 Castrebbed with A 3' dia Steel Culvert 12' Deep.

10. The estimated amount of groundwater withdrawn each year 45,000 gal.

11. The log of formations encountered in the drilling of each well is 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 J. P. Berlinger Estate
Wilfred A. Berlinger Adm. Date Jan. 28, 1963

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

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

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

3520.

to which water has been applied and name of the [illegible]

Sec. [illegible] Twp. [illegible] Rge. [illegible]

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

6. The means of withdrawing such water (name the pump and describe the [illegible] tion of each well or other means of withdrawal) [illegible]

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

8. The depth of water table [illegible]

9. So far as it may be available, the (e.g. size and depth of each well or the general specifications of any other works for the withdrawal of ground water [illegible]

10. The estimated amount of ground water withdrawn each year [illegible]

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

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

Signature of Owner [illegible]

Date [illegible]

These copies are to be filed with the County Clerk of the County in which the well is located.

There are no [illegible] applicable, so state. Otherwise the form will be returned.

[illegible] copy of this form should be displayed in the State Engineer's Office, or the School of Mines [illegible]

#343797

STATE OF MONTANA,
COUNTY OF CHOUTEAU, } ss.

Filed Feb. 4 1963

at 10:40 o'clock A. M.

By [illegible] County Clerk

Deputy

Fee 2.00 Paid

File No. .....

DUPLICATE

check location

T 28 N R 13 E

Co. Choteau

20

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 5 1963
STATE ENGINEER

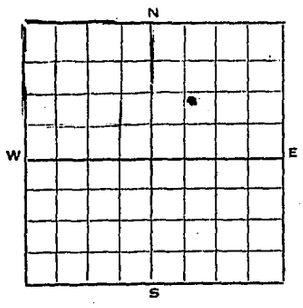
DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

1. I.P. Berlinber Estate (Name of Appropriator) Box (Address) Big Sandy (Town)

County of Choteau State of Montana

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



NW 1/4 Sec 20 T28N R13E

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 Well for House Hold Use, Stock

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Some Time in The 1920's

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 4 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 1/4 Acre

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

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

8. The depth of water table 3' to 9'

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well 21' Deep Cased with 24" Steel Culvert. Tapped with 6' Lenated. Cased

10. The estimated amount of groundwater withdrawn each year 100,000 Gals 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 I.P. Berlinber Estate
Wilfred A Berlinber Adm.

Date Jan. 28, 1963

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

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

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

3521.

#347798

STATE OF MONTANA,
COUNTY OF CHOUTEAU, } ss.

Feb. 4 63

Filed 10:40 o'clock A. M.

at

County Clerk

By Deputy

Fee $ 2.00 Paid

GW3

File No. GW 4? check location

DUPLICATE

T 28 N R 13 E

County Yellowstone

SW

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 5 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater June 1, 1948

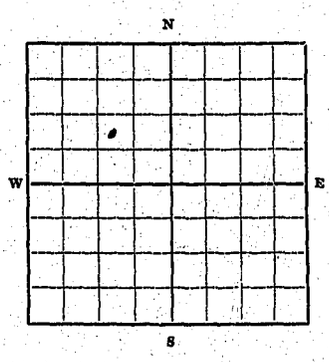
Owner J.P. Berlinger Estate Address Box 18 Sandy, Mont

Contractor (if any) None

Address of Contractor

Date Started Date Completed June 1, 1948

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Spring, water within Two Ft. of Surface. Collection Box dug in 3' then piped to stock water tank. Piped appx. 80'



SW ¼ Sec. 22 T. 28 N R. 13 E

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 Water measured into a bucket. 2 gal. per minute. Flo is continues all year

Signature of Owner J.P. Berlinger Estate
Wilfred A. Berlinger Adm.

Date Jan. 28, 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.

3522.

#343799

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

Filed Feb. 4 19 63

at 10:40 o'clock A M

George W. Harvey
County Clerk

By Iris M. Hancock
Deputy

$ 2.00 Paid

GW-3

File No.....

T 28 R 13

DUPLICATE

County Chouteau

RECEIVED

AUG 2 1973

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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)

371.502
6-29-73
4:00 p.m.

Date of Appropriation of Groundwater 1946

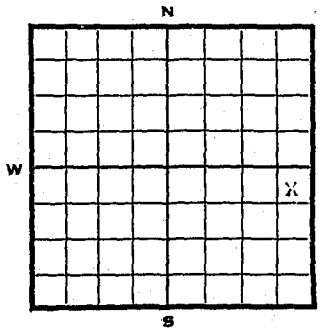
Owner KENNETH CHAUVET

Address Big Sandy, Montana

Contractor (if any) .....

Address of Contractor .....

Date Started 1946 Date Completed 1946



NE 1/4 SE 1/4 Sec. 27 T. 28 R. 13

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. Dugout - spring -

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 year amount - 5 gallons per minute.

Signature of Owner Kenneth Chauvet

Date June 29, 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.

56284

STATE OF MONTANA

NOTICE OF CONSTRUCTION OF GROUNDWATER APPROPRIATION WITHOUT WELL

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater .....

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 need with explanation of needed need to measure or estimate such amount. If use is intermittent estimate approximate lengths 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. #371502

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 Department of Natural Resources and Conservation, School of Mines and Quadruplicate for the Appropriator.

STATE OF MONTANA, } ss.
COUNTY OF CHOUTEAU }

Filed JUN 29 1973 19....

at 4:00 o'clock P M.

George W Harvey
County Clerk

By ..... Deputy

Fee $..... Paid

RECEIVED
OCT 29 1957
STATE ENGINEER

T. 28N R. 13E

County Chouteau

MONTANA BUREAU OF MINES AND GEOLOGY

Butte, Montana

WATER WELL LOG

Owner: McNamara Cattle Co. Now owned by United Cattle Co. Address: Big Sandy, Mont.

Driller: W. H. Keup Address: Big Sandy, Mont.

Date Started: 10/24/49 Date Completed: 10/28/49

Location: Sec. 29 T. 28N R. 13E ¼ Sec. Northwest

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

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

Industrial [ ] Drainage [ ] Other:

Casing: surface ft. to 117 ft. Type 14#/ft. Size 5½"

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: dry hole feet.

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

Pumping water level feet at gal. per min.

How tested:

Length of test

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

No gravel beds encountered. Only water was not over 2 gal. per minute and only in combination with quick sand.

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
2	8	dark soft sand
8	24	quick sand and small water
24	30	soft clay
30	37	quick sand & water
37	40	blue clay
40	45	Brown clay
45	80	grey silt clay, quick sand coal show, gravel show small water
80	90	grey sandy shale
90	91	blue clay
91	93	blue clay
93	105	quick sand, coal show, grey shale
105	106	hard black gravel
106	120	grey sandy shale
120	121	hard brown sand
121	130	brown shale
130	131	brown rock shell
131	145	grey shale

RECEIVED
JUL 29 1957
STATE ENGINEER

T. 28N R. 13E
County Chouteau

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Now owned by United Cattle Co.
Owner McNamara Cattle Company Address Big Sandy, Montana

Driller W. H. Keup Address Big Sandy, Montana

Date Started November 2, 1949 Date Completed November 3, 1949
McNamara # 4
Location: Sec. 29 T. 28N R. 13E ¼ sec. southwest

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

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

Casing: 0 ft. to 34' 7" ft. Type 14#/FT Size 5½"

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 none

Static Water level, for non-flowing well: 11' 6" feet.

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

Pumping water level feet at 18 gal. per min.

How tested: Bailer

Length of test

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

static head 11' 6" Draw down on bailer check 19' 6"

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
2	12	Brown hard Sand
12	15	Quicksand
15	20	Sandy Silt Clay
20	30	Quicksand Small Water
30	34	Brown Clay
34	40	Sand, Gravel & Shale Show

T. 28N R. 13E

County Chouteau

RECEIVED
OCT 29 1957
STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Now owned by United Cattle Co.
Owner McNamara Cattle Company Address Big Sandy, Montana

Driller W. H. Keup Address Big Sandy, Montana

Date Started November 3, 1949 Date Completed November 4, 1949

McNamara #5
Location: Sec. 29 T. 28N R. 13E ¼ sec. northwest

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

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

Industrial [ ] Drainage [ ] Other:

Casing: 0 ft. to 44' 9" ft. Type 14#/FT Size 5½"

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 none

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

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

Pumping water level feet at gal. per min.

How tested:

Length of test

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

static head 9'6" draw down on bailer check 19' put in 17 hours gravel treating.

(over)

Log of Well

Depth, feet From	Depth, feet To	Description of Material Drilled
2	18	Grey Sandy Clay
18	20	Quicksand
20	30	Sandy Brown Clay
30	31	Blue Clay
31	39	Sandy Brown Clay
39	40	Blue Clay
40	42	Water Sand
42	45	Small Gravel & Water

RECEIVED
OCT 29 1957
STATE ENGINEER

T. 28N R. 13E

County Chouteau

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

WATER WELL LOG

Owner Now owned by United Cattle Co. McNamara Cattle Company Address Big Sandy, Montana

Driller W. H. Keup Address Big Sandy, Montana

Date Started November 5, 1949 Date Completed November 9, 1949

Location: McNamara #6 Sec. 29 T. 28N R. 13E ¼ sec. northwest

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

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

Industrial [ ] Drainage [ ] Other:

Casing: 0 ft. to 74'2" ft. Type 14#/FT Size 5½"

Casing: ft. to ft. Type Size

Casing: ft. to ft. Type Size

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

Type of screen or perforations

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

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

Pumping water level feet at gal. per min.

How tested: Bailer

Length of test

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

static head 12'6" draw down on 110 gal check 31'6"

(over)