GW 4

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

14

File No.....

T. 5S R. 7W

DUPLICATE

County Madison

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

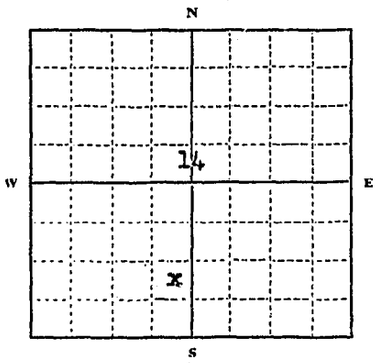
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Hugh W. Turner, of Twin Bridges
(Name of Appropriator) (Address) (Town)

County of Madison State of Montana

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



SE¼ SW¼ Sec. 14 T. 5S R. 7W

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

2. The beneficial use on which the claim is based Household use and irrigation

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) 20 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 irrigate lawn and garden-1 acre in SE¼ SW¼ Sec. 14 as shown; owned by Hugh W. Turner

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

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

8. The depth of water table 38 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well, 50 feet deep, 6 inch casing, 1½" electric pump and pressure tank.

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 The estimated amount of groundwater withdrawn each year 500,000 gallons

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

None available

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

Signature of Owner Hugh W Turner

Date December 30, 1963

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

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

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

24658

29004

Hugh W. Turner

RECORDER'S OFFICE,
Madison County, Montana. } ss.

Filed Dec. 31 1963

at 2:00 P.M. o'clock P.M.

[illegible] County Recorder

By _____ Deputy

Fee $2

C—Helena Independent Record

File No.....

T. 5 S R. 7 W

County. Madison

DUPLICATE

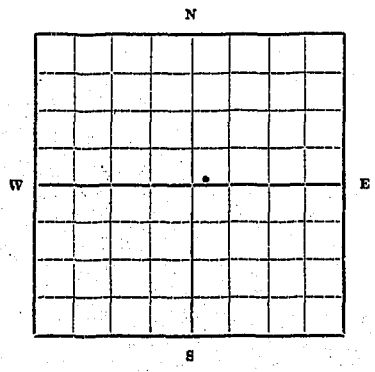
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
FEB 21 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lester Nyhart & Orrie Nyhart, of Twin Bridges
(Name of Appropriator) (Address) (Town)
County of Madison State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



.....¼..... Sec. 15 T. 5 S R. 7 W

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been About 1867

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1 well at approximately E-W center line Sec. 15 T 5 S R 7 W a short distance east of center of said section

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater About 1867 commenced and completed

8. The depth of water table About 18 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 Well about 70 ft deep drawing ground water through 2 inch pipe.

10. The estimated amount of groundwater withdrawn each year About 18250 gallons

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

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

Signature of Owner Lester & Orrie Nyhart
by Lester Nyhart

Date 2/15/63

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

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

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

3709.

26661

Lester Nyhart
Orie Nyhart

26661

RECORDER'S OFFICE,
Madison County, Montana. } ss.

Filed Feb. 20 1963

at 10:04 o'clock a. m.

Pearl S. Pendarvis
County Recorder

By _____ Deputy

Fee $ 2.00

GW

File No.....

DUPLICATE

T. 5 S R. 7 W

County Madison

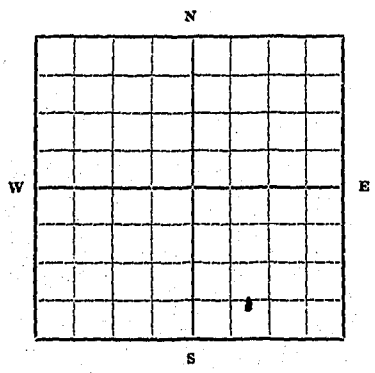
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Maynard Nyhart, of Twin Bridges
(Name of Appropriator) (Address) (Town)
County of Madison State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



.....¼..... Sec 22 T. 5 R. 7

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been continuous since Aug. 1947

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started drilling July 17, 1947 finished July 18, 1947

8. The depth of water table 10 ft static water level

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well 4¼ galv casing 62 ft deep.

10. The estimated amount of groundwater withdrawn each year 1,500,000 g.p.y.

11. The log of formations encountered in the drilling of each well if available mostly gray clay fifnished in gray sand at 62 ft.

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 Maynard A Nyhart

Date Dec 30 1963

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

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

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

19834

28915

Maynard Nylant

RECORDER'S OFFICE, }ss
Madison County, Montana }

Filed Dec 31 1963

at 4:38 o'clock P m.

[illegible] County Recorder

By _____ Deputy

Fee $2.00

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

File No. .....

T 5 S R 7 W

DUPLICATE

County .....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

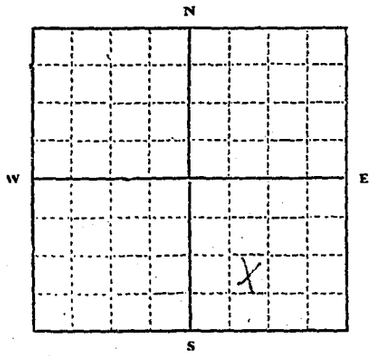
RECEIVED
DEC 30 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Loretta Dean Harvey Robson, of Twin Bridges, Mont.
(Name of Appropriator) (Address) (Town)

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



E½ SW¼ Sec. 22 T. 5S R. 7W

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1912 to 1963

4. The amount of groundwater claimed (in miner's inches or gallons per minute) do not know

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1912

8. The depth of water table 7 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 18 ft. well, 3 in. pipe, driven well

10. The estimated amount of groundwater withdrawn each year 7200

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

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

Signature of Owner Loretta Dean Harvey Robson

Date Dec. 27, 1963

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

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

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

16519

28601

Loretta Dean
Harry Robison

RECORDER'S OFFICE, }
Madison County, Montana } ss.

Filed Dec. 27 1963
at 4:35 o'clock P. m.

[illegible], County Recorder

By _____ Deputy

Fee $ [illegible]

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
FEB 14 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Madison

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 Maynard Nyhart

Address S.W. of Twin Bridges, Mont.

Date well started Nov 30, 70

completed Nov - 30, 70

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

Equipment used Churn (Churn drill, rotary or other)

For Administrator's Use
File 46680 Feb 9, 1972
4:32 pm
GW 1

Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐

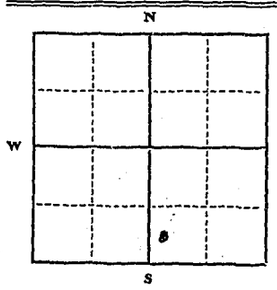
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 1,000,000 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 in	6 in ID 17.02 LBS	0	58	1/4 x 4 torch	54'	57'



Static water level 35 ft.*
Pumping water level 38 ft.*
at 15 gallons per minute,
measured 30 minutes after pumping began.
*Measured from ground level.
Well developed by pumping
for 2 hours.
Power Electric Pump 1/2 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

SW ¼ SE ¼ Sec. 23
T. 5 S R. 7 W

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

Driller's Signature Morton J. Barnes

Driller's Address DBA Barnes Drilling & pump
3218 Sonders
Butte Mont 59701
LICENSE NO. 179

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) 4800

From (Feet)	To (Feet)	
0	12	top soil & clay
12	50	gravel & clay
50	53	clay
53	58	sand & gravel

58 Show exact depth of bottom

49,859

46690

RECORDER'S OFFICE
Madison County, Montana } ss.

Filed Feb. 9 19 72
at 4:32 o'clock P. M.
Lorraine P. Molitor
County Recorder
By Jean A. Manty
Deputy
Fee $ 2.00

W 3

Approved Stock Form—State Publishing Co., Helena, Montana—39089

File No. ..... T. ..... R. .....

DUPLICATE

only partially completed

County ...Madison...

RECEIVED
DEC 31 1962
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

RECEIVED
JAN 14 1963
STATE ENGINEER

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater .....

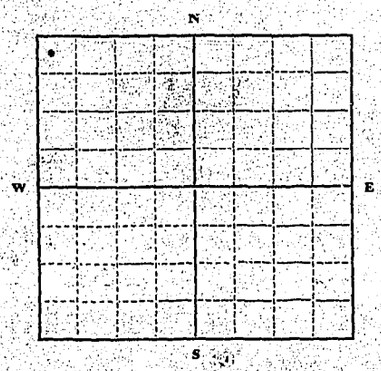
Owner ...O. C. Smith... Address ...Sheridan, Montana...

Contractor (if any) .....

Address of Contractor .....

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

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



NW ¼ NW Sec. 24 T 5 S R 7 W

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

A point 200 yds from the North line and 300 yds., from the West line.

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 .....

Signature of Owner ...O C Smith...

Date ...12/26/62...

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

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

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

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

3009

26375

O.C. Smith

26375

RECORDER'S OFFICE, }
Madison County, Montana. } ss.

Filed Dec. 28 1962

at 10:50 o'clock a. m.

Paul S. Pendergy
County Recorder

By _____ Deputy

Fee $ 2

STATE OF MONTANA

STATE ENGINEER

SAM W. MITCHELL BUILDING

HELENA, MONTANA

FRED E. BUCK, STATE ENGINEER
HANS L. BILLE, ASSISTANT
C. S. Heidel, Deputy State Engineer

January 8, 1963

RECEIVED
JAN 14 1963
STATE ENGINEER

Mrs. Pearl S. Beardsley
Clerk and Recorder
Madison County
Virginia City, Montana

Dear Mrs. Beardsley:

We are returning the enclosed duplicate copy of Document No. 26375 because the owner apparently failed to copy any of the necessary information from the original except the location. If the original has answers to any of the questions, will you please copy them on the duplicate and return it to us?

You are probably aware that a spring is subject to appropriation under the old laws governing surface water if its flow is not increased by development.

Very truly yours,

FRED E. BUCK
STATE ENGINEER

C. S. Heidel

By: C. S. Heidel
Deputy State Engineer

CSH:ba
Enc.

Document No. 26375 is identical with the original filed in this office.

GW 1

Approved Stock Form—State Publishing Co., Helena, Montana—39089

24

File No.....

T. 5S R. 7W

DUPLICATE

County Madison

RECEIVED
JAN 6 1964
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

Wells

1. I, Ora C. Smith (Name of Appropriator), of Box 80 Route 1, Sheridan (Address) (Town)

County of Madison, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is irrigation and stock water and domestic use, NW¼Section 24, T. 5S., R. 7W. M.p.m.
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed

100 inches.

4. The annual period (inclusive dates) of intended use year around.

5. The probable or intended date of first beneficial use summer 1964.

6. The probable or intended date of commencement and completion of the well* or wells*

Start January 1964, complete June 1964.

7. The location, type, size and depth of well or wells contemplated NW¼ Section 24 as above

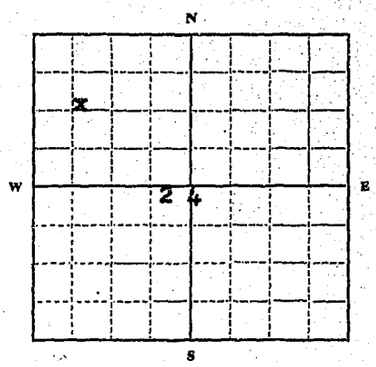
24 inch pipe sunk 25 feet deep, dug well.

8. The probable or estimated depth of the water table or artesian aquifier 14 feet

9. Name, address and license number of the driller engaged Will dig it myself.

10. Give such other similar information as may be useful in carrying out the policy of this act

None



NW ¼ Sec. 24 T. 5S R. 7W
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator Ora C. Smith

Date December 30, 1963.

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

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

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

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

24679

29026
Ora C. Smith

RECORDER'S OFFICE,
Madison County, Montana.

Filed Dec. 31 1963
at 3:00 o'clock P m.

[illegible] County Recorder

By _____ Deputy

Fee $2.00

GW 1

Approved Stock Form—State Publishing Co., Helena, Montana—39089

24

File No.....

T.....5S.....R.....7W, M.P.M.

DUPLICATE

County Madison

RECEIVED
JAN 6 1964
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Appropriation of Groundwater

(Under Chapter 237, Montana Session Laws, 1961)

1. I, Ora C. Smith (Name of Appropriator), of Box 80, Route 1, (Address) Sheridan (Town)
County of Madison, State of Montana, intend to appropriate groundwater in accordance with Chapter 237, Montana Session Laws of 1961.

2. The beneficial use to which water is to be applied is irrigation, stock water and domestic use. SW¼ Sec. 24, T.5S., R. 7W.
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed 100 inches.

4. The annual period (inclusive dates) of intended use year around.

5. The probable or intended date of first beneficial use summer 1964.

6. The probable or intended date of commencement and completion of the well* or wells*
Start January 1964; complete June 1964.

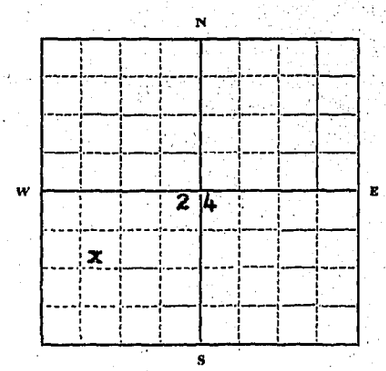
7. The location, type, size and depth of well or wells contemplated SW¼ Sec. 24, T. 5S., R.7W. 24 inch pipe 25 feet deep, dug well.

8. The probable or estimated depth of the water table or artesian aquifier 14 feet.

9. Name, address and license number of the driller engaged will dig it myself.

10. Give such other similar information as may be useful in carrying out the policy of this act

None



SW ¼ Sec. 24 T. 5S R. 7W
Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator Ora C. Smith

Date December 30, 1963.

* As defined in the Code Sec. 1 (c) "Well" means any artificial opening or excavation in the ground, however made, by which groundwater can be obtained or through which it flows under natural pressures or is artificially withdrawn."

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

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

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

24678

29025

Dora S. Smith

RECORDER'S OFFICE, }
Madison County, Montana } ss.

Filed Dec. 31 1963

at 3:28 P o'clock P m.

[illegible] County Recorder

By _____ Deputy

Fee $2

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—41933

24

File No.....

T. 5S R. 7W

DUPLICATE

County Madison

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 22 1964
STATE ENGINEER

Top of Ground
(Elev. above sea level 5400 ft.

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Ora C. Smith Address Sheridan, Montana

Driller James Ludwig Address Alder, Montana

Date of Notice of Appropriation of Groundwater December 30, 1963

Date well started Dec. 30, '63 Date Completed May 28, 1964

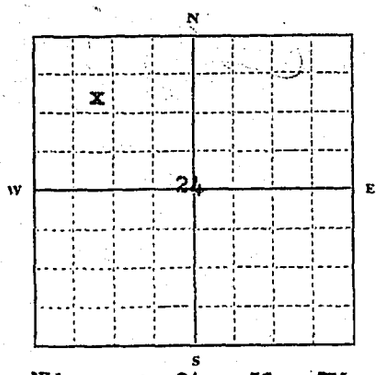
Type of well Dug (dug, driven, bored or drilled) Equipment Used Dragline (Churn, drill, rotary or other)

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.

feet at bottom

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
17"-18"		Surface	10 Ft.	Black loam	3 Ft.	
				Gravel, porous, and sand	7 ft.	
				Lower portion of pipe perforated		



NW ¼ Sec. 24 T. 5S. R. 7W
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 5 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 5/10 cu. per second feet

Discharge in gal. per min. of flowing well

How Tested estimated Length of Test

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)

~~Driller's License Number~~

James Ludwick
Signature
Shovel operator

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.

38208

30021

30021

RECORDER'S OFFICE, }ss
Madison County, Montana.

Filed June 15 1964
at 3:42 o'clock P m

[redacted]
[redacted] County Recorder
By [redacted] Deputy
Fee $ 2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—41933

24

File No.....

T 5 S. R 7 W.

DUPLICATE

County Madison

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 22 1964
STATE ENGINEER

Top of Ground
(Elev. above sea level 5400 ft.)

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Ora C. Smith Address Sheridan, Montana

Driller James Ludwig Address Alder, Montana

Date of Notice of Appropriation of Groundwater December 30, 1963

Date well started 12/30/63 Date Completed 5/28/64

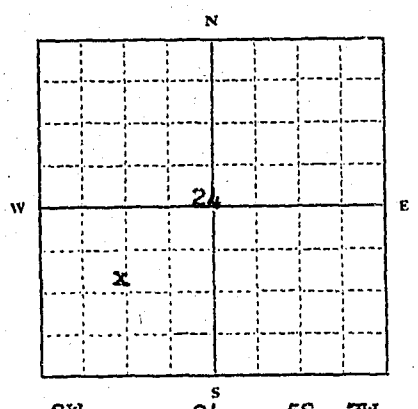
Type of well Dug (dug, driven, bored or drilled) Equipment Used Dragline (Churn, drill, rotary or other)

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.

1 2 3 4 5 6 7 8 9 10 feet at bottom

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
Adequate	21"	Surface	10' deep	Perforated		



SW¼ Sec. 24 T. 5S R. 7W.
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 5 feet.

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

Pumping Water Level 5/10 cu. feet per second

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

How Tested Estimated Length of Test .....

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) .....

X James Ludwig
Driller's Signature
Shovel operator

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.

38207

30020

RECORDER'S OFFICE, }ss.
Madison County, Montana.}

Filed June 15 1964

at 3:40 o'clock P m

[illegible] County Recorder

By [illegible] Deputy

Fee $ 2.00

G

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

File No.

T. 5S R. 7W

DUPLICATE

County

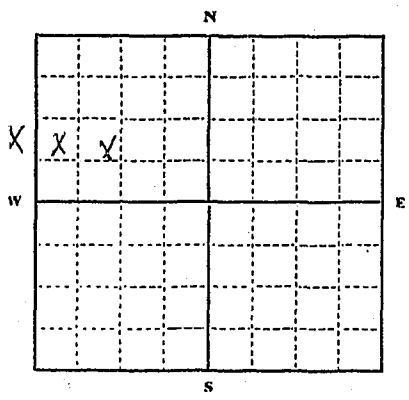
RECEIVED JAN 3 1964 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert Walsh, of Twin Bridges
(Name of Appropriator) (Address) (Town)
County of Madison State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW ¼ NW¼ Sec. 25 T. 5S R. 7W

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1900.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 inches.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not apply.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1900.

8. The depth of water table Surface.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater. Spring dug out and water developed from a trickle so that 20 inches flows most of the year.

10. The estimated amount of groundwater withdrawn each year 20 acre-feet.

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

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

Robert Walsh

Signature of Owner Robert H. Walsh

Date Dec. 30, 1963

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

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

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

19784

28865

Robert Valek

RECORDER'S OFFICE,
Madison County, Montana.

Filed Dec. 31 1963

at 11:48 o'clock a m

Chas. S. Reardley
County Recorder

By _____ Deputy

Fee $2.00

G

Approved Stock Form—State Publishing Co., Helena, Montana—42234 26

File No.

T. 5S R. 7W

DUPLICATE

County

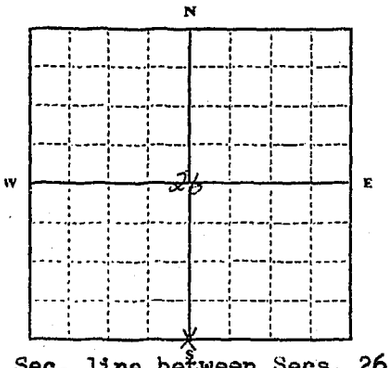
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 3 1964 ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert Walsh, of Twin Bridges
(Name of Appropriator) (Address) (Town)
County of Madison State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



Sec. line between Secs. 26 and 35
¼ Sec. T. 5S R. 7W

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1900.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 inches.

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not apply.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1900.

8. The depth of water table Surface.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Spring dug out and water developed from a trickle so that 20 inches flows most of the year.

10. The estimated amount of groundwater withdrawn each year 20 acre-feet.

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

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

Robert Walsh
Signature of Owner Robert S. Walsh
Date Dec. 30, 1963.

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

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

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

19783

28864

Robert Walsh

RECORDER'S OFFICE, }ss.
Madison County, Montana.}

Filed Dec. 31 1963

at 11:47 o'clock 19 M

Paul S. Hesselley
County Recorder

By _____ Deputy

Fee $2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—46805 3

File No.....

MONTANA WATER RESOURCES BOARD
RECEIVED
OCT 17 1967

T. 5 S. R. 7 W

DUPLICATE

County Madison

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground

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

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

0-15 Sandy Clay

15-40 sandy clay & gravel

40 thin streak sand water bearing

40-54 grey clay

54-55 broken shale

finished at 55'

Owner Robert H. Walsh Address Twin Bridges, Mont.

Driller Carl F. Hollensteiner Address Dillon, Montana

Date of Notice of appropriation of groundwater ****

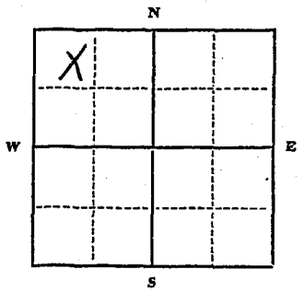
Date well started Aug. 17, 1967 Date completed Aug. 17, 1967

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6" I.D. 18.97 lb black prime steel	1' up	50		None	



NW 1/4 Sec. 25 T. 5 S R. 7 W

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

Static Water Level for non-flowing well 12 feet.

Shut-in Pressure for Flowing Well ***

Pumping Water Level 32 feet at 30 gal. per minute.

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

How Tested Bailer

Length of Test 1 hr.

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

(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).

License No. 9

Show exact depth of bottom.

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.

Driller's License Number

Carl F. Hollensteiner
Driller's Signature.

42,403

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

35

File No.....

T. 5S R. 7W

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

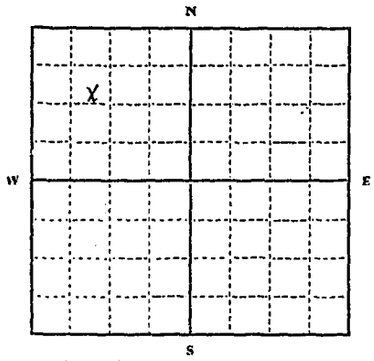
RECEIVED
JAN 3 1964
ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert Walsh, of Twin Bridges
(Name of Appropriator) (Address) (Town)

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



NW ¼ Sec. 35 T. 5S R. 7W

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 water.

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

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Not apply

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1890.

8. The depth of water table Surface.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Spring dug out and water developed from a trickle so that 20 inches flows most of the year. Boxed in with a cement liner.

10. The estimated amount of groundwater withdrawn each year 40 acre-feet.

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

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

Robert Walsh

Signature of Owner Robert Walsh

Date Dec. 30, 1963

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

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

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

19782

28863

Walsh, Robert

RECORDER'S OFFICE, }
Madison County, Montana. } ss.

Filed Dec 31 1963

at 11:40 o'clock A m

Paul S. Dearborn
County Recorder

By _____ Deputy

Fee $2.00

GROUNDWATER INDEX

County Madison Twp. 58 Rge. 6W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Carlson, Fred	GW2	✓	
2	Landoe, H.B.	GW3	48309	
2	Landoe, H.B.	GW3	48297	
2	Smythe, Clarence	GW2	29581	
3	Landoe, H.B.	GW3	48310	
3	Landoe, H.B.	GW3	48310	
4	Rentmeister, Michael	GW2	29773	
6	Stock, Paul	GW4	28900	
7	Smith, Virgil	GW4	28854	
7	Smith, Virgil & Son Feed Lot	GW2	44772	
10	Silve, Reece Jr.	GW2	42381	
11	Ballard Maxine & Owen O.	GW4	28985	
18	Redfield, Robert	GW2	32973	
19	Ballard, Maxine & Owen O.	GW4	28986	
19	Ballard, Maxine & Owen O.	GW4	28987	
21	Hooden Creek Stock Ass'n	GW4	26698	
30	Cox, C.J.	GW4	26702	
34	Ballard, Maxine & Owen O.	GW4	28984	

GW 2 STATE WATER CONSERVATION BOARD Approved Stock Form—State Publishing Co., Helena, Montana—42329 3

File No. ..... JUN 16 1966 T. ..... R. 1

DUPLICATE

Billa ..... McDermott ..... County Madison
Butte ..... McNulty .....
Coyle ..... Morton .....
Darlinton ..... Sullivan .....
Dickert .....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

LOG

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

Depth	Strata
12	Gravel Bound In Clay
18	~~(Elev. above sea level .....)~~
24	Sandstone
26	Cement Rock
36	
48	
60	Sand & Gravel Bound In Clay
72	
84	
96	
108	
120	
132	
144	
156	
168	Sand In Clay
180	
192	
204	
216	
228	
238	
240	
252	Fine Gravel Bound In Clay
262	
264	
276	
288	Clay
300	
312	
322	
324	
336	
348	Fine Gravel Sand & Clay
360	
372	
380	

Show exact depth of bottom.

Owner Fred Carlson Address Twin Bridges

Driller M.E. Jones Address Bozeman

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

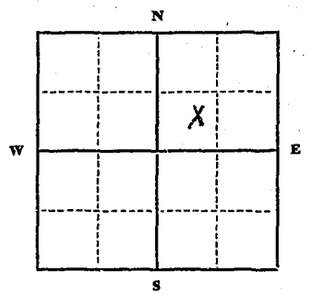
Date well started March 25 1966 Date completed April 15, 1966

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6" I.D. 7 19#	2' Above Ground	360'-7"	None		



.....¼..... Sec. 1 T. 5S R. 4W

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

Static Water Level for non-flowing well 335 feet.

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

Pumping Water Level 380 feet at 10 gal. per minute.

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

How Tested Pump

Length of Test 1 Hour

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

(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).

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.

17
Driller's License Number

Milton E. Jones
Driller's Signature

3 GW 3 Revised 1969
2037—1500—1/71

County MADISON

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 48309

Oct. 4, 1972 3:20 p.m.

GW 1

RECEIVED
OCT 5 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Owner H. B. Landoe

Address P.O. Box 609, Bozeman Montana

Contractor (if any)

Address of Contractor

Date Started Date Completed

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.) Gravity, pump, sprinkler

3. Depth of water table in feet

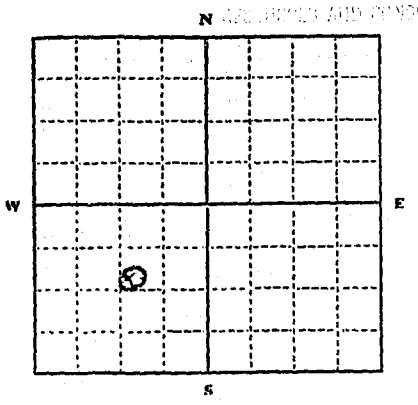
4. Use of the water to irrigate crop lands

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 100 miners inches

6. If used for irrigation, give number of acres and description of land 200 acres in SW¼, NW¼ and NE¼ sec 2, Twp 5 S, Rge 6 W and E½ Sec 3, Twp 5 S, Rge 6 W

7. Estimate amount of water used each year 100 inches per day during irrigating season

8. Months of year spring flows all year except when frozen



NE ¼ SW ¼ Sec. 2

T. 5 S R. 6 W

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE. Elevation of spring, if known or estimated NE¼ SW¼ Sec. 2 Twp 5 S, Rge 6 W

Signature of Owner H. B. Landoe

Date October 3, 1972

51,536

1-F.

48309

H. B. LANDOE

tice of Completion of Groundwater
appropriation without well

Copy

RECORDER'S OFFICE
Madison County, Montana } ss.
Filed Oct. 4 19 72
at 3:20 o'clock P. M.
Lorraine P. Molitor
County Recorder
By Jean A. Mantz
Deputy
Fee $ 2.00

GW 3 Revised 1969
2057—1500—1/71

County MADISON

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 48309

Oct. 4, 1972 3:20 p.m.

GW 1

Owner H. B. LANdoe

Address PO Box 609, BOZEMAN, MONTANA

Contractor (if any)

Address of Contractor ?

Date Started September 15, 1972 Date Completed October 2, 1972

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

How developed? at present by ditch to carry the water upon and through lands irrigated

2. Means of withdrawing water (gravity, pump, canal, etc.) GRAVITY, PUMP, SPRINKLER

3. Depth of water table 14 feet

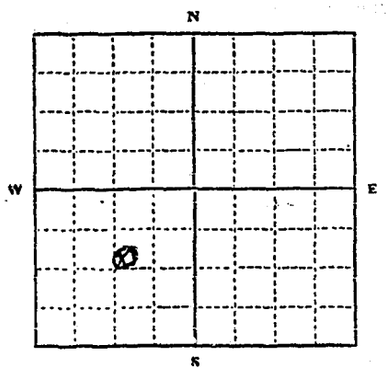
4. Use of the water to irrigate CROP LANDS

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 100 MINERS inches

6. If used for irrigation, give number of acres and description of land 200 ACRES in SW4, NW4 and NE4 Sec. 2, Twp. 5S, Rge. 6 W and E2 Sec. 3, Twp 5S, Rge. 6 W

7. Estimate amount of water used each year 100 inches per day during irrigating season

8. Months of year spring flows ALL YEAR except when FROZEN



NE ¼ SW ¼ Sec. 2

T. 5 S R. 6 W

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE. Elevation of spring, if known or estimated NE4 SW4 Sec. 2 Twp 5S, Rge. 6 W

Signature of Owner H. B. Landoe

Date October 3, 1972

1-F.

51,536

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42345 3

File No.....

T. 5 S R. 6 W

DUPLICATE

County Madison

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

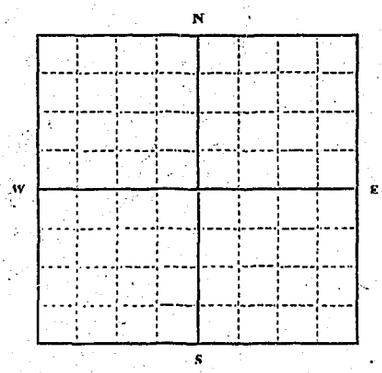
Notice of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

RECEIVED
OCT 6 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

FARM UNIT 127
EAST BENCH UNIT



.....1/4..... Sec. 2 T. 5S R. 6W

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

Doc. No. 48297
Filed for record this 4th day of October A. D. 19 72, at 9:30 o'clock A M.

Date of Appropriation of Groundwater October 2, 1972

Owner H. B. Landoe Address Bozeman Montana P.O. Box 609

Contractor (if any).....

Address of Contractor .....

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

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Developed springs two springs located on the east side of farm unit 127 which concerge into a single stream

2) Means of withdrawing water (gravity, pump, canal, etc.) Pump, Reservoir, Sprinkler

3) Depth of water table in feet

4) Use of the water to irrigate 200 acres along the east and north side of unit 127

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) 100 miners inches

6) If used for irrigation, give number of acres and description of land 200 acres along the east and north side of farm unit 127

7) Estimate amount of water used each year 100 inches

Signature of Owner H. B. Landoe

Date October 2, 1972

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.

1-F.

51,535

H. B. LANDOE

NOTICE OF COMPLETION OF G.W. APP. WITHOUT WELL

48297

RECORDER'S OFFICE
Madison County, Montana } ss.

Filed 4 October 19 72

at 9:30 o'clock a m

Lauraesie D. Walker
County Recorder

By COPY
Deputy

Fee $ 2.00

GW 2

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

File No.....

T. 5S R. 6W

DUPLICATE

County Madison

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAR 30 1964
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 5030)

0-65 cemented gravel with seams of clay
65-120 clay
120-125 coarse sand
125-245 clay with seams of cemented gravel
245-415 clay
415-416 sand 2gpm
416-430 clay
430-432 sand (water)
432-445 clay

Owner Clarence Smythe Address Ennis, Montana

Driller O'Keefe Drilling Co. Address Butte, Montana

Date of Notice of Appropriation of Groundwater.....

Date well started Feb. 15, 1964 Date Completed March 7, 1964

Type of well drilled (dug, driven, bored or drilled) Equipment Used churn drill (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" 15#	0	436	torch	430	433

Static Water Level for non-flowing Well 400 feet.

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

Pumping Water Level 420 feet at 6-8 gal. per minute.

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

How Tested baler Length of Test 3hr.

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).....

N
W E
S

..1/4.. Sec. 2 T 5 S R 6 W
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

License No. 8
Driller's License Number

Emmett O'Keefe
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.

35526

29581

RECORDER'S OFFICE, }ss
Madison County, Montana.

Filed March 18 1964

at 4:10 o'clock P m.

Irene J. Bardsley
County Recorder

By Selma T. Schuler
Deputy

Fee $ 2.00

Madison County

JOSEPH W. SABOL
ATTORNEY AND COUNSELOR AT LAW

PROFESSIONAL BUILDING
27 NORTH TRACY
BOZEMAN, MONTANA 59715
(406) 587-4536

December 22, 1972

Mr. Grant Buswell
Department of Natural Resources and Conservation
Water Resources Division
Sam W. Mitchell Building
Helena, Montana 59601

Dear Grant:

I am enclosing a notice of completion for ground water appropriation without well completed by Mr. H. B. Landoe of Bozeman, Montana. I would appreciate your reviewing this application and, if in proper form, filing the same.

Thank you for your cooperation in this matter.

With best personal regards, I remain,

Sincerely yours,

Joseph W. Sabol

Enclosure

RECEIVED
DEC 27 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated NE¼ SE¼ Sec 3 Twp 5S R 6 W as included on plat

7. Estimate amount of water used each year 100 MINERS inches, MAY through September

8. Months of year spring flows ALL year except when freezing

Signature of Owner H. B. Landoe

Date Oct. 3, 1972

1-F.

51,537

GW 3 Revised 1969
1500—1/71

RECEIVED
OCT 27 1972

County MADISON

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 48310

Oct. 4, 1972 3:25 pm

GW 1

OCT 6 1972

Owner H. B. LANDOE

Address P.O. Box 609, BOZEMAN, MONTANA

Contractor (if any)

Address of Contractor

Date Started Sept. 15, 72 Date Completed Oct. 2, 1972

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

How developed?

at present by ditches, to carry the water upon and through lands irrigated

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

3. Depth of water table 14 feet

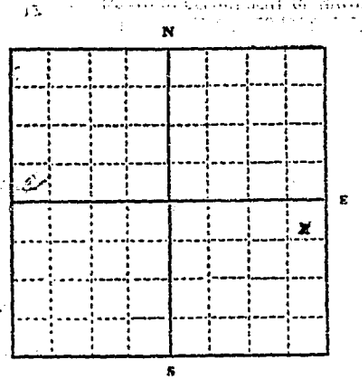
4. Use of the water to irrigate 200 acres in sections 2 and 3, T5S, R6W

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 100 miners inches

6. If used for irrigation, give number of acres and description of land 200 ACRES IN SW4 SEC 2, and SE4 of Sec 3, Twp 5S, R. 6W

7. Estimate amount of water used each year 100 MINERS inches, - MAY through September

8. Months of year spring flows All year except when freezing



NE ¼ SE ¼ Sec. 3

T. 5 S R. 6 W

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated NE4 SE4 Sec 3 Twp 5S R6W as included on plat.

Signature of Owner H. B. Landoe

Date Oct. 3, 1972

1-F.

51,537

Revised 1969

County MADISON

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.

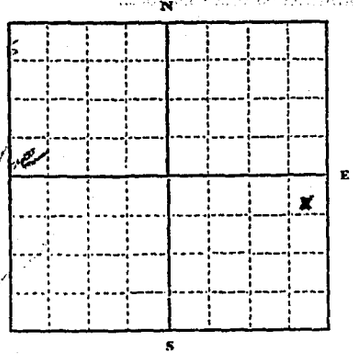
For Administrator's Use

File 48310

Oct. 4, 1972 3:25 pm

GW 1

RECEIVED
OCT 6 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION



NE ¼ SE ¼ Sec. 3

T. 5 N/S R. 6 E/W

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated NE SE Sec 3 Twp 5S R6W as located on plat

Owner H. B. Landoe

Address P.O. Box 604, Bozeman Montana

Contractor (if any)

Address of Contractor

Date Started Sept 1972 Date Completed Oct. 2, 1972

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

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

3. Depth of water table ... feet

4. Use of the water to irrigate 200 acres in Section 2 and 3, T5S, R6W

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 100 miner's inches

6. If used for irrigation, give number of acres and description of land 200 acres in E½ Sec 2, and SE¼ of Sec 3, Twp 5S, R6W

7. Estimate amount of water used each year 100 miner's inches, May through September

8. Months of year spring flows All year except when freezing

Signature of Owner H. B. Landoe

Date Oct. 3, 1972

1-f.

51,537

48310

H. B. LANDOE

Notice of Completion of Groundwater Appropriation Without Well

Copy

RECORDER'S OFFICE
Madison County, Montana

Filed Oct. 4 1972

at 3:25 o'clock P. m

Lorraine P. Molitor
County Recorder

By Jean A. Mantz
Deputy

Fee $ 2.00

GW 2

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

File No.....

~~QUADRUPLICATE~~ Triplicate

T. 5S ..... R. 6W .....

County Madison Co.

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
MAY 11 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

0- 80' gravel, sand & clay
cemented gravel
85 ft

80-85 caving sand & gravel

85-220 clay & sand

220-242 sand / water

Finished
245 coarse sand

Owner Michael Hontmeister Address Twin Bridges, Mont.

Driller Carl V. Hollenstein Address Dillon, Montana

Date of Notice of Appropriation of Groundwater ~~[illegible]~~

Date well started Apr. 17, 1964 Date Completed Apr. 25, 1964

Type of well Drilled (dug, driven, bored or drilled) Equipment Used Churn Drill (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)
8" for 80 ft 6" to 245	6" I.D. Blk. Std Seamless 18.97 lb.	1' up	245	None		

N
W E

Farm Unit 132
¼ Sec. 4 T. 5S R. 6W
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 215 feet.

Shut-in Pressure for Flowing Well ~~[illegible]~~

Pumping Water Level 230 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well ~~[illegible]~~

How Tested Bailer Length of Test 1 hr.

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

License No. 9
Driller's License Number

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.

35668

29773

Michael Rentmeister

29773

RECORDER'S OFFICE, }
Madison County, Montana } ss.

Filed Apr 27 1968

at 1:10 o'clock P. m.

County Recorder

By _____ Deputy

Fee $ 3.00

GW 4 Approved Stock Form—State Publishing Co., Helena, Montana—42234

File No.....

T. 5 S R. 6 W

DUPLICATE

County Madison

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 3 1967 STATE ENGINEER

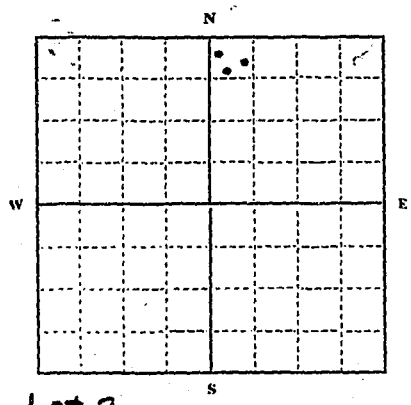
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Paul Stark (Name of Appropriator), of Box 176 (Address) Twin Bridges, (Town)

County of Madison State of Montana

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



Lot 2
N.W¼ Sec. 6 T. 5S R. 6W

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

2. The beneficial use on which the claim is based Stock Water, & domestic Water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1930 Steady

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 Gallons Per Minute of each well

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric Pump One in dwelling, 2 at Barn

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

8. The depth of water table 20 Feet Each

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 Shallow Well 20 Feet each 1¼ inch Pipe each

10. The estimated amount of groundwater withdrawn each year 225,000 Gallons For all wells

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

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

Signature of Owner Paul Stark

Date Dec. 30, 1963

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

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

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

19819

28900

Paul Stark

RECORDER'S OFFICE, }
Madison County, Montana. } ss.

Filed Dec. 31 1963

at 1:30 o'clock P. M.

Paul S. Pearsall
County Recorder

By _____ Deputy

Fee $ 2.00

G\

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

7

File No.....

T. 5S R. 6W. M.P.M.

DUPLICATE

County Madison

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964
STATE ENGINEER

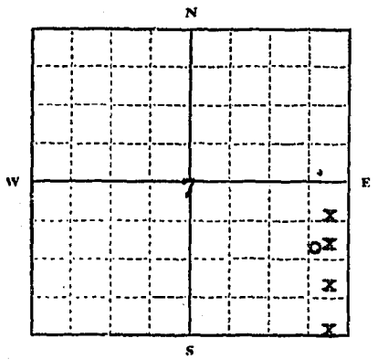
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Virgil Smith (Name of Appropriator), of Twin Bridges (Address) (Town)

County of Madison State of Montana

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



¼ Sec. 7 T. 5S R. 6W.

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 and domestic use, and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been In the fall of 1961.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1500 gallons per hour continuous use

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof garden spot irrigated about one-half acre in the SE¼ of Section 7, T.5S, R. 6W., M.P.M.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Well 200 feet deep. Outside casing 200 feet, 6 inches in diameter; inside pipe to water 3 inches in diameter. Well located in SE¼ section 7, T. 5S., R. 6W., M.P.M.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Commenced and completed the fall of 1961.

8. The depth of water table 170 feet, best estimate below surface.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater well 200 feet deep, enclosed 200 outside six inch casing, with pipe in side 3 inches in diameter sunk into water withdrawn by electric pump.

10. The estimated amount of groundwater withdrawn each year -0-

11. The log of formations encountered in the drilling of each well if available -0-

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 -0-

Signature of Owner Virgil A. Smith

Date December 27, 1963.

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

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

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

19773

28854

Virgil Smith

28854

RECORDER'S OFFICE,
Madison County, Montana. } ss.

Filed Dec. 31 1963.

at 11:37 o'clock A M.

Cecil S. Beardley
County Recorder

By _____ Deputy

Fee $2.00

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

44772

County MADISON

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

RECEIVED
APR 9 1971

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 Virgil Smith & Son Feed lot % Sidney Smith Jr.

Address Twin Bridges, Mont.

For Administrator's Use
File 44772 April 7, 1971 4:20 PM.
GW 1

Date well started Jan.12,1971

completed Jan.15,1971

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

Equipment used Churn drill (Churn drill, rotary or other)

Water Use: Domestic ☐ Municipal ☐ Stock* ☐ Irrigation ☐

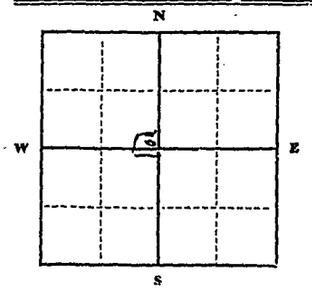
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 5,000,000 gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	17 lb. 6 5/8 O.D.	1½ up	16½		None	



SW ¼ NW ¼ Sec. 7
T. 5 S. R. 6 W.

Static water level 116 ft.*
Pumping water level 140 ft.*
at 20 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by bailing
for 2 hours.
Power..... Pump..... 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 Earl Hollenstiner

Driller's Address P.O.Box 5 Dillon, Mont. 59725

LICENSE NO. 9

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	20	Coarse sand, fine gravel with clay
20	100	Mostly yellow clay & fine sand
100	150	Sandy Clay
	~~116~~	~~Static water level~~
150	~~165~~ 165	Soft shale like sand
	140	pumping water level
		at 20 g.p.m.

Show exact depth of bottom

48317

RECORDER'S OFFICE
Madison County, Montana } ss.

Filed April 7th 19 71

at 4:20 o'clock P. m

Lorraine P. Malter
County Recorder

By _____ Deputy

Fee $ 2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4564-3

File No. ..... MONTANA WATER RESOURCES BOARD RECEIVED FEB 16 1970

T. 5 S. R. 6 W.

DUPLICATE

County Madison

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Reece Silve Jr. Address Sheridan, Mont.

Driller Donald C. Jones Address 2107 Bridger Dr. Bozeman, Montana

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

Date well started Nov. 6, 1969 Date completed Jan. 8, 1970

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 in.	6 5/8" OD. 17#	1½' above Ground	506	—	—	—

Depth	Description
	Top of Ground
	(Elev. above sea level .....)
	Gravel bound in Clay
53	Sandstone
57	Sandy Clay
75	Clay
365	Sandy Clay
380	Clay
415	Sandy Clay
425	Clay
446½	static water level
455	Gravel bound in Clay
475	Clay
498	Thin layers of Sandy Gravel in Clay
506	Bottom of well

Static Water Level for non-flowing well 446½ feet.

Shut-in Pressure for Flowing Well ——

Pumping Water Level 506 feet at 15 gal. per minute.

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

How Tested Pump

Length of Test 7 hrs.

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

N / W / E / S

NE¼ SW¼ ¼ Sec. 10 T. 5 S. R. 6 W.

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).

Doc. No. 42381

Filed for record this 12 day of February A. D. 19 70, at 10:00 o'clock A. M.

Show exact depth of bottom.

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.

17
Driller's License Number

Donald C Jones
Driller's Signature.

46176

42381

RECORDER'S OFFICE } ss.
Madison County, Montana

Filed Feb 15 1970

at 10 o'clock a m

Mary A Myers
County Recorder

By _____ Deputy

Fee $2.00

MONTANA WATER RESOURCES BOARD
RECEIVED
MAR 12 1970

WATER RESOURCES BOARD
CEIVED
AR 12 1970

R. Silva Jr.
Sheridan Mont.

Mont. Water Res. Board
Groundwater Div.
Mitchell Building
Helena, Mont.

tion by

tion without

s form is
hrough 1965)

ana 59749

r GW form has

providing in-
rrected copy to

n, etc.)

Dear Sir;
When recording the location of our well, I made a mistake. I have since made the necessary corrections on the groundwater appropriation form.
Yours Truly
R. Silva Jr.

County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.

Douglas S. Smith

Bottom of well (continue on reverse side)

Doc. No. 42381
Filed for record
this 13 day of February
A. D. 19 70 at 10 o'clock
Show exact depth of bottom.

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).

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.

17
Driller's License Number

Donald C. Jones
Driller's Signature.

40176

MONTANA WATER RESOURCES BOARD
RECEIVED
MAR 12 1970

MONTANA WATER RESOURCES BOARD
Groundwater Division
Mitchell Building
Helena, Montana 59601

Recently a copy of a groundwater appropriation form,

___ GW 1, Notice of Appropriation of Groundwater

X GW 2, Notice of Completion of Groundwater Appropriation by means of Well

___ GW 3, Notice of Completion of Groundwater Appropriation without Well

___ GW 4, Declaration of Vested Groundwater Rights (This form is obsolete and was limited by law to use only through 1965)

was forwarded to this office by the County Clerk and Recorder.

This form is identified by

Owner Reece Silve Jr. Address Sheridan, Montana 59749

Location T. 5S., R. 6W., Sec. 9 Document No. 42381

___ The form is complete as filed. This is to inform you that your GW form has been received and no further action is necessary on your part.

X The form is incomplete. Please complete the enclosed copy by providing information where indicated, or as noted here and return the corrected copy to the Montana Water Resources Board in Helena.

Please indicate use of water (i.e. domestic, stock, irrigation, etc.)

___ Other.

___ County recording information is missing. Please forward this information to the Montana Water Resources Board in Helena.

Douglas G. Smith

(Continue on reverse side)

42381

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

13 February

70

Show exact depth of bottom.

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.

17
Driller's License Number

Donald C Jones
Driller's Signature.

46176

Approved Stock Form—State Publishing Co., Helena, Montana—43642

MONTANA WATER RESOURCES BOARD
RECEIVED
FEB 16 1970

DUPLICATE

T 5 S R 6 W

County Madison

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

Gravel bound in Clay

53 Sandstone

57 Sandy Clay

75 Clay

315 Sandy Clay

380 Clay

415 Sandy Clay

425 Clay

445 static water level

455 Gravel bound in Clay

475 Clay

498 Thin layers of Sand & Gravel in Clay

506 Bottom of well

Show exact depth of bottom.

Owner Reese Silas Jr. Address Sheridan, Mont. 2107 Bridger Dr.

Driller Donald C. Jones Address Bozeman, Montana

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

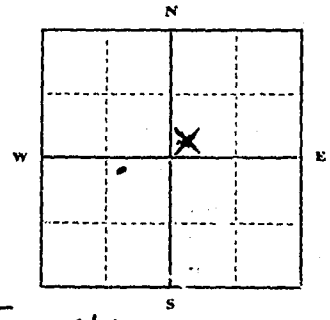
Date well started Nov 6, 1969 Date completed Jan 8, 1970

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6 in.	6 5/8" O.D. 17#	1½ above Ground	506	—	—	—



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

SW¼ of NE¼ Sec 10 T 5 S R 6 W

Well is located at X

Static Water Level for non-flowing well 446½ feet.

Shut-in Pressure for Flowing Well —

Pumping Water Level 506 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well —

How Tested Pump

Length of Test 7 hrs.

Remarks: (Gravel packing, cementing, packers, type of shutoff) Farm Unit No. 128

(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. 42381
Filed for record
this 13 day of February
A.D. 19 70 at 10:00 o'clock

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.

17
Driller's License Number

Donald C Jones
Driller's Signature.

46176

GW

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

File No. .....

T. 5S R. 6W. M.P.M.

DUPLICATE

County Madison

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

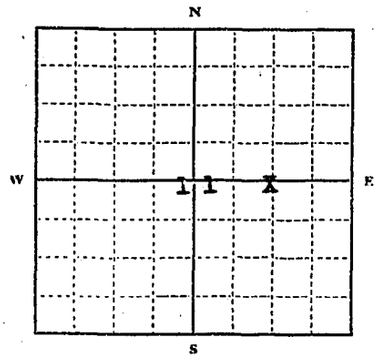
RECEIVED
JAN 6 1964
STATE WATER BOARD

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

[1]Mariner Ballard and Gwen O. Ballard, of Dillon
(Name of Appropriator) (Address) (Town)

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



E½ ~~NE¼~~ Sec. 11 T. 5S R. 6W.

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 irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 1, 1895 and continuously ever since.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 miners inches

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof East ½ Section 11, T. 5S., R. 6W., M.P.M. owned by Mariner and Gwen O. Ballard.

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater April 1, 1895.

8. The depth of water table Don't know

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 None

10. The estimated amount of groundwater withdrawn each year

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

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

Signature of Owner Mariner Ballard / Gwen O. Ballard

Date December 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 Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

24639

28985

Marner and Steven O
Ballard

RECORDER'S OFFICE, }
Madison County, Montana. } ss.

Filed Dec. 31 1963

at 2-48 o'clock P m

[illegible] County Recorder

By _____ Deputy

Fee $2.[illegible]

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—39318 3

STATE WATER CONSERVATION BOARD

File No.....

NOV 22 1965

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

DUPLICATE

County Madison

Bile ..... McDermott
Butte ..... McNulty
Cayk ..... Morton
Dadham ..... Sullivan
Dikkert

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

0-55 clay

55-91 silt

91-143 clay & little gravel

143-145 sand

145-155 clay

Owner Robert Redfield Address Dillon, Montana

Driller O'Keefe Drilling Co. Address Butte, Montana

Date of Notice of Appropriation of Groundwater.....

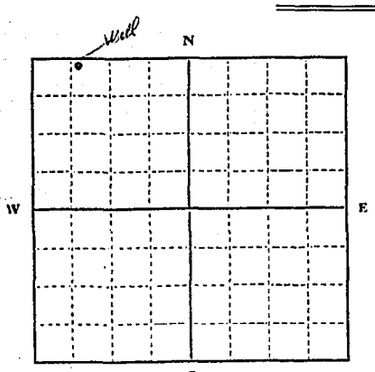
Date well started April 1, 1965 Date Completed April 10, 1965

Type of well drilled (dug, driven, bored or drilled) Equipment Used churn drill (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"	6" 19#	0	150	Torch	135	145



NW 1/4 Sec. 18 T 5 S R 6 W

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 125 feet.

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

Pumping Water Level 140 feet at 8 gal. per minute.

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

How Tested bailer Length of Test 2 hrs.

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

License No. 8
Driller's License Number

Emmett O'Keefe
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.

39868

32973

32973

RECORDER'S OFFICE, }ss
Madison County, Montana.}

Filed Nov. 19 1965

at 2:15 o'clock P m

Mary A. Myers
County Recorder

By _____ Deputy

Fee $ 2.00

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

File No.....

T. 5S R. 6W., M.P.M.

DUPLICATE

County Madison

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

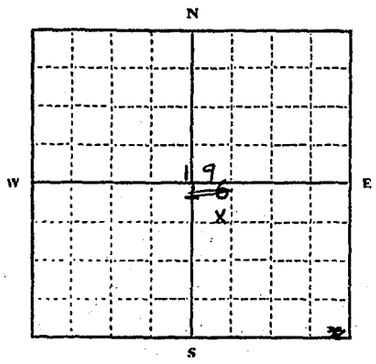
RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Mariner and Gwen O. Ballard, of Dillon
(Name of Appropriator) (Address) (Town)

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



~~SE ¼ SW¼~~ Sec. ~~18~~ 19 T. 5S R. 6W, M.P.M.

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
to water stock

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3½ gallons per minute.

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

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

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

8. The depth of water table 125 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled well 150 feet deep, water with drawn by an electric pump.

10. The estimated amount of groundwater withdrawn each year 1,839,600 gallons

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

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

Signature of Owner Mariner Ballard
Gwen O. Ballard

Date December 26, 1963.

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

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

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

24640

28986

Mariner and Gwen O. Ballard

RECORDER'S OFFICE, }ss.
Madison County, Montana.}

Filed Dec. 31 1963

at 2-49 o'clock P m

[illegible] County Recorder

By _____ Deputy

Fee $2.00