Beaverhead Printers, Dillon, Montana

M5-R-374 Sheep Spring

File No.

DUPLICATE

T 2 N. R 3 W.

County Jefferson

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 11-18-68

Owner Bureau of Land Management Address Dillon, Montana

Contractor (if any) None

Address of Contractor None

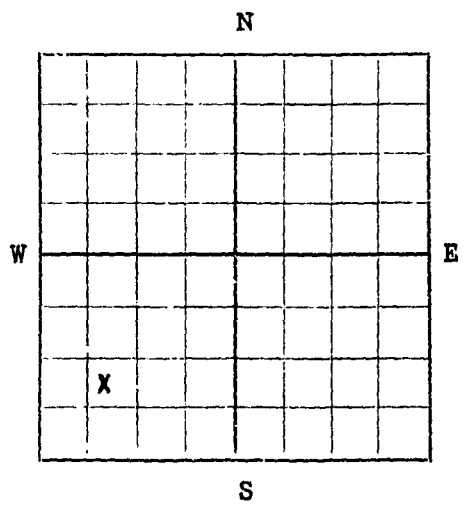
Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable An excavated seepage area with a cement catchment basin, with the water piped through 400' of 1¼" plastic pipe to a steel stock-water tank.

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 2½ gallons per minute. Using watch and can for measuring.

Livestock use - May 1 - November 30

Game use - yearlong



SW ¼ SW Sec. 17 T2N. R3W.

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

Signature of Owner Robert T. Dale Acting District Manager

Date 11-18-68

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.

44,785

90636

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

Filed for record this 19 day of November
A. D. 19 68 at 1:12 o'clock P M.
Alta M. Dawson
County Recorder
Fees, $ 2.00

4201 Micro Wave Spring

Beaverhead Printers, Dillon, Montana

File No. .....

DUPLICATE

T 2 North R 3 West

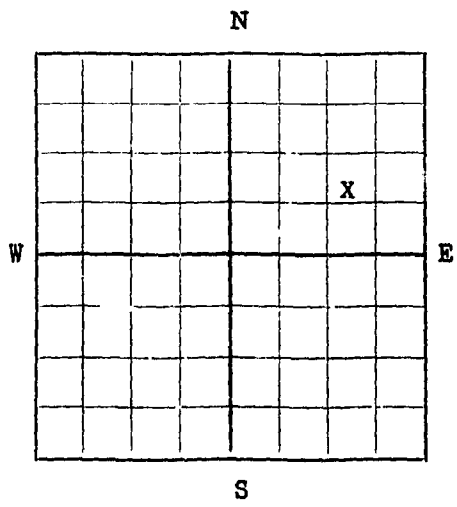
County Jefferson

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)

Doc. No. [illegible]
Filed for record
this 2 day of [illegible]
A. D. 19 70, at [illegible]
o'clock 4 M.



SE ¼ NE Sec. 18 T. 2 N. R. 3 W.
Indicate point of appropriation and place of use, if possible.

Date of Appropriation of Groundwater 12-1-70

Owner Bureau of Land Mgmt. Address Box 1048, Dillon, Mont. 59725

Contractor (if any) None

Address of Contractor .....

Date Started 10-15-70 Date Completed 10-16-70

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Excavated seepage area to a depth of three feet. Steel culvert catchment basin and piped 100 feet through 1¼ inch plastic pipe to a steel stockwater tank of 490 gallons storage.

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. Livestock May 1 - November 30. Yearly game use - year long. 2 gallons per minute. Using measuring can and watch.

Signature of Owner Robert J. Dale
Chief, Div. of Operations
Date 12-1-70

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.

4-1846

93365

RECORDED IN OFFICE
Jefferson County, Missouri

Filed for record the 2nd day of December
A.D. 1902 at 2 o'clock P.M.
James P. McCarthy
Deputy
Fee, $2.00

GW 2 Rev. 1969
STATE PUBLISHING COMPANY

County Jefferson

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 James J. Stover

Address Box ~~536~~ 537

Whitehall, Montana 59759

Date well started August 1, 1972

completed August 2, 1972

For Administrator's Use
File 96289
August 12, 1972 10:49 a.m.
GW 1

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

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

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

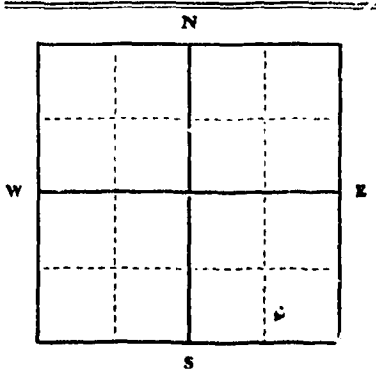
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6 5/8" od x .250	0'	74'	cutting torch	69'	74'



SE ¼ SE ¼ Sec 22
T. 2 (N) S R. 3 E (W)

Static water level 8' ft.*
Pumping water level 50' ft.*
at 15 gallons per minute,
measured minutes after pumping began.
*Measured from ground level.
Well developed by test pumping
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 O'Keefe Contracting Company
Joe Groth

Driller's Address 2304 Harvard Ave.

Butte, Montana 59701 LICENSE NO. 2

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'	3'	top soil
3'	20'	brown clay
20'	35'	red clay
35'	65'	gray clay
65'	74'	sand water

74' Show exact depth of bottom

51,188

96789

RECORDER'S OFFICE
Jefferson County, Montana } ss.

Filed for record this 17 day of August
A. D. 1972 at 10:45 o'clock AM.

James P. McFarlane
County Recorder

Fees $ 2.00

File No..... T....2.....R.....

XXXXXXXX DUPLICATE County...Jefferson...

RECEIVED
JAN 1 1964

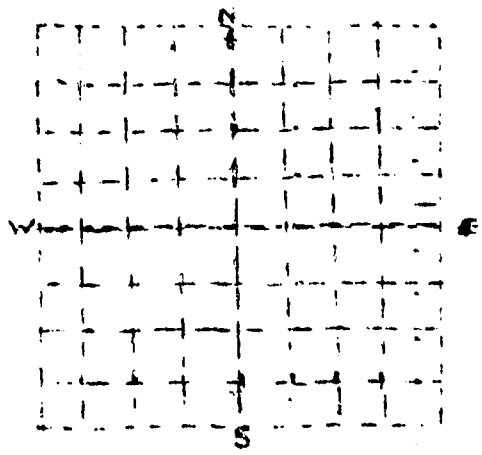
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

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

1. ERNEST M. TEBAY....., of.....Whitehall.....
(Name of Appropriator) (Address) (Town)
County of ..Jefferson.....State of...Montana.....
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ....1/4.....Sec...22.T.2N..R.4W.

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been..Since 1880 - used continuously..

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...
..Not applicable.....

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Ditch and natural course from Spring since 1880 or earlier.....

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

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. Ditch or channel from spring (Red Hill Spring) to stockwatering site located approximately 100 feet Northeast of spring.....

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...

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 Ernest M. Tebay....

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

19441

83188

G

Approved Stock Form—State Publishing Co., Helena, Montana—38496

File No. .....

T. 2N R. 3W

DUPLICATE

County Jefferson

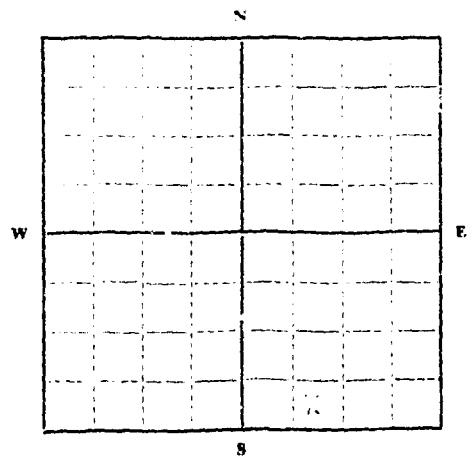
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ERNEST H. TEBAY of Whitehall
(Name of Appropriator) (Address) (Town)

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



SE ¼ Sec. 23T 2N R. 3W

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910 - used continuously

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

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

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

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

8. The depth of water table 25 to 50 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 4 inch steel casing to a depth of 45 feet with hand pump

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

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

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

Signature of Owner Ernest H. Tebay

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.

19444

83191

GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED

County Jefferson

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 Robert Lee Davis

Address Box 456
Whitehall Montana

Date well started Aproximately
completed 1948

For Administrator's Use
File 85956
6-24-73
GW 1 3:05 pm

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

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

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

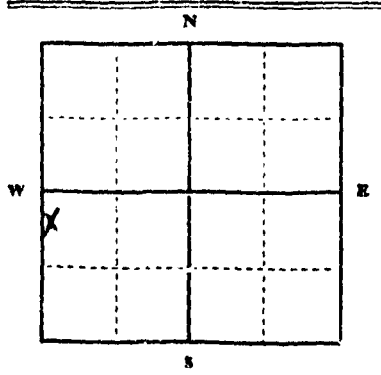
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 200,000 gal

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6"					



NW ¼ SW ¼ Sec. 31
T. 2 N N/S R. 3 W E/W

Static water level ft.*
Pumping water level ft.*
at gallons per minute, measured minutes after pumping began.
*Measured from ground level.
Well developed by
for 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

Driller's Address

LICENSE NO.

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	

Show exact depth of bottom

85 C 96

RECORDER'S OFFICE
Jefferson County, Montana } ss.
Filed for record this 29 day of June
A. D. 1973 at 3:15 o'clock P. M.
Jenne P. McFarlane
County Recorder
Fee $2.00

G

Approved Stock Form—State Publishing Co., Helena, Montana—38496

File No.....

T.....2.....R.....

DUPLICATE

County.....Gallatin

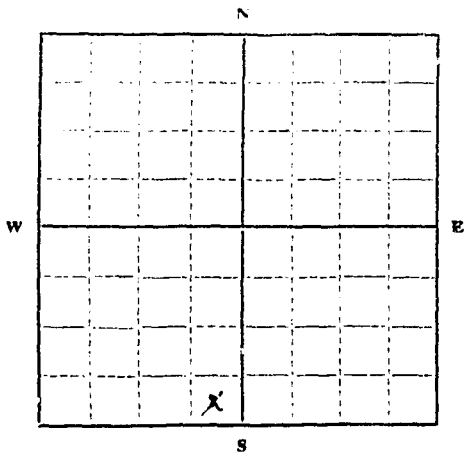
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Arthur and Ina Collins of Cardwell
(Name of Appropriator) (Address) (Town)

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



.....¼..... Sec. 33 T. 2 R. 3

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 Irrigating Crop Pasture and Garden

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 600 gallons

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

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 March 1961

8. The depth of water table 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 drilled 8 feet

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

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

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 Arthur E. Collins, Ina Collins

Date Nov 5 1963

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

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

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

7135

82918

RECORDER'S OFFICE
Jefferson County, Montana } ss.

Filed for record this 15 day of November
A. D. 1963 at 8 41 o'clock A M.

[illegible]
County Recorder

Fees, $2.00

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

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

DUPLICATE

County .....

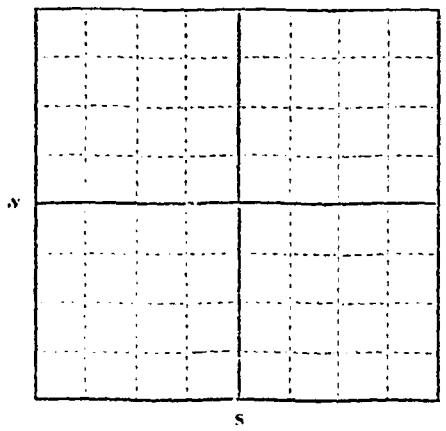
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. FRANK E. SHAW + DOROTHY E. SHAW, of CARDWELL, Montana
(Name of Appropriator) (Address) (Town)

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



..... ¼ ..... Sec. ..... T. ..... R. .....

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1896 records 1896-3000 [illegible]

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 300" [illegible] 1886

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
Sec 2 T 1 N R 3 W
Sec 35 T 2 N R 3 W
235 acres under ditch
55 acres sprinkled from ditch

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Drawn from Boulder River & by ditches - originates from Cold Springs approx. 1.5 mi up Boulder River.

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

8. The depth of water table Artesian in formation

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 Artesian type spring flows in Boulder River

10. The estimated amount of groundwater withdrawn each year Flow 300" water all year

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
Refer to Court House in Boulder. I don't have this information in my home.

Signature of Owner Frank E. Shaw

Date .....

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.

11550

GROUNDWATER INDEX

County Jefferson Twp. 2 N Rge. 2 W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
4	Carey Ranch	GW4	83373	
6	Shaw Jessie C.	GW1	83174	
14	Waters Carroll	GW4	83268	
22	Shuse James	GW4	83131	
23	Ballard George	GW2	92489	
23	Ballard George D. Jr.	GW2	90691	
23	Ballard George D. Jr.	GW1	90122	
25	Waters Carroll B.	GW2	90861	
26	Ballard George	GW2	92490	
26	Ballard George D. Jr.	GW4	83228	
26	Ballard George D. Jr.	GW4	83227	
26	Murphy Hesesiese	GW4	83295	
28	Shuse James	GW4	83132	
32	Brenner Edith	GW2	96247	
34	Armstrong George M.	GW3	83169	
	Armstrong Juanita			
	Armstrong George M. Jr.			
34	Armstrong George M. Jr.	GW4	83170	
	Armstrong George M.			
	Armstrong Juanita			
—	Dawson Harry H.	GW2	81850	

[illegible] No. ..... R. 2

~~XXXXXXXX~~ DUPLICATE

County ..... JAN 8 1964

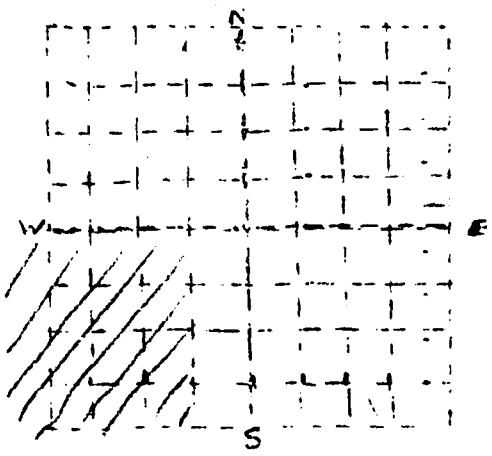
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

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

Barney Ranch, of Boulder
(Name of Appropriator) (Address) (Town)
County of Jefferson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW ....1/4.....Sec 4....2N..2W...

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 first used by white man

4. The amount of groundwater claimed (in miner's inches or gallons per minute) about 7 gal per min

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

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

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. 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

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 Barney Ranch by Barney

Date. Dec 31 - 63

Three copies to be filed by the owner with the County Clerk and Recorder of the county in which the well is located.
Please answer all questions. If not applicable, so state, otherwise the form will be returned.
Original to the County Clerk and Recorder; Duplicate to the State Engineer; Triplicate to Montana Bureau of Mines & Geology, and Quadruplicate for the Appropriator.

19605

83373

RECORDER'S OFFICE
Jefferson County, Montana } ss.

Filed for record this 31 day of Dec.
A. D. 1963 at 442 o'clock P. M.

[illegible]
County Recorder

Fees, $ 2.00

GW 1

File No. ..... T. 2N R. 2W

DUPLICATE County. Jefferson

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, Jessie C. Shaw (Name of Appropriator), of Box 8, (Address) Cardwell, Montana (Town) County of Jefferson, 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, water used in Sections 2, 3, 10 & 11 - Township 1N, Range 3W
(describe lands to be benefited, if for irrigation)

3. The rate of use in gallons per minute or miner's inches of groundwater claimed
The description will be found on #22620, Book 195, page 522; & #1871, Bk 84, pg 145

4. The annual period (inclusive dates) of intended use March through October annually

5. The probable or intended date of first beneficial use 1872, used annually since that time.

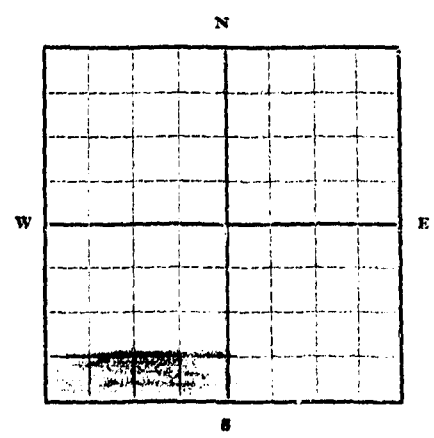
6. The probable or intended date of commencement and completion of the well* or wells*
not applicable

7. The location, type, size and depth of well or wells contemplated
This is a spring from which the waterights eminate, for my ranch.

8. The probable or estimated depth of the water table or artesian aquifer unknown

9. Name, address and license number of the driller engaged natural springs, tributary to N. Boulder River, known as Cold Springs.

10. Give such other similar information as may be useful in carrying out the policy of this act.
This is a recorded waterright which is described in previous abstracts.



This is being filed to protect any and all water rights which might have/ or have been previously filed for the Cardwell/or Harry Shaw & Sons Ranch operations, and in particular my own interests.

S½; S½ ¼ Sec. 6 T 2N R. 2W

Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator Mrs. Jessie Shaw

Date January 2, 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 artifically 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 School of Mines and Quadruplicate for the Appropriator.

19429

83174

RECORDER'S OFFICE, }
[illegible] County, Oregon }

Filed for record this 30 day of Dec.
A.D. 19 63 at 8 11 o'clock A.M.
[illegible] Dawson
County Clerk

Fees, $ 2 00

G

File No. 1

DUPLICATE

T 2 N R 2 W

County Jefferson

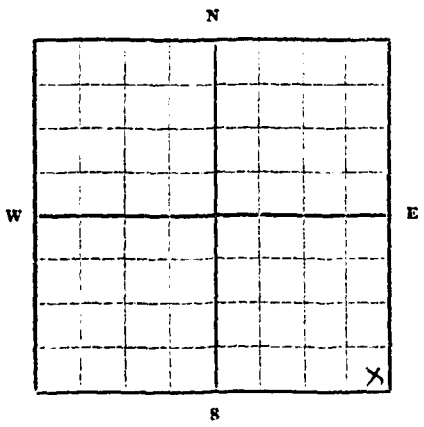
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964
ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Carroll O. Wattson (Name of Appropriator) of R.R. #2 (Address) Cardwell (Town)
County of Jefferson State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ Sec. 14 T2N R2W

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 supply

3. Date or approximate date of earliest beneficial use; and how continuous the use has been March 1960 and about 6 months to 3 months each year

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 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 Not applicable

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump jack & gas engine located on S.E. Corner of S.E. ¼ of Sec. 14 T2N R2W

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started Sept. 1, 1960 Completed Sept. 15, 1960

8. The depth of water table 38 ft

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Drilled well, 6 in casing 82 ft deep

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

11. The log of formations encountered in the drilling of each well if available 3 ft. top soil 43 ft. sand & gravel 7 ft. sand stone & shale 21 ft. shale & clay 6 ft. blue clay 2 ft. sand & gravel

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

Signature of Owner Carroll O. Wattson

Date Dec. 22, 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.

19500

83268

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

Filed for record this 21 day of Dec
A. D. 1963 at 10 24 o'clock A. M.
[illegible] County Recorder

Fees, $ 2.00

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

File No. .....

T 2 N R 2W

DUPLICATE

County Jefferson

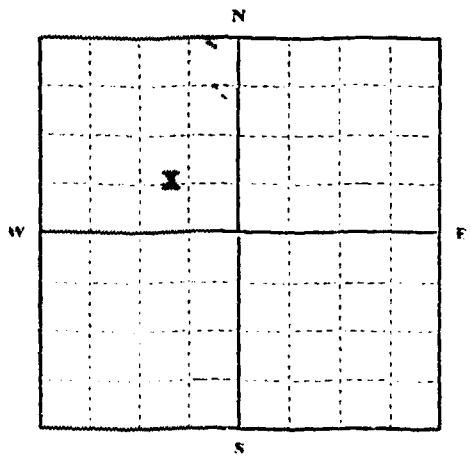
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 30 1968 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. James Shouse (Name of Appropriator), of Three Forks, (Address) (Town)
County of Gallatin State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



¼ Sec. 22 T. 2N R. 2W

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 irrigation

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

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

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

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

8. The depth of water table 30 feet

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

10. The estimated amount of groundwater withdrawn each year

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

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 James R. Shouse

Date Dec 26 1968

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.

14850

83131

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4855 3

MONTANA WATER RESOURCES BOARD
RECEIVED
JAN 22 1970

File No. .....

T. 2 N R. 2 W

DUPLICATE

County Jefferson

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 4800)

0'

40' Old well

60' Coarse sands w/clay Some water —

103' Blue clay

105' gray sand (Flowing water aprox. 3 gpm)

121' Blue clay

126' gray clay

131' white clay

147' Blue clay

152' Brown clay

157' Red clay

163' blue clay

170' gray clay

180' gray sand + clay (Flow increased to 10 gpm)

195' Broken Lime stone Filled with sand + gravel - (Flow increased to 18 gpm)

Bottom

Owner George Ballard Address Cardwell MONT

Driller Barkus Drilling + Pump Address Butte MONT

Date of Notice of appropriation of groundwater Sept - 3, 1961

Date well started Dec 1, 1969 Date completed Jan 14, 1970

Type of well Drilled (Dug, driven, bored or drilled) Equipment used Churn (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)
8"	8 5/8 OD 14 lbs	0'	30 ft	None		
6"	6 5/8 OD 17.02 lbs	0'	105'	1/4" x 4" rock	98'	105"
5"	5" OD 10 gage	95'	195'	1/4 x 5" rock	100'	105'
					165'	195'

N
W E
S

Static Water Level for non-flowing well ..... feet.

Shut-in Pressure for Flowing Well 10 lbs

Pumping Water Level 100 ft feet at 150 gal. per minute.

Discharge in gal. per min. of flowing well 18 gpm

How Tested test pump

Length of Test 2 + hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff) 6" Casing setting in clay. top Flowing water is coming through perforations. Hole is cemented Between 6" pipe + 8" pipe. Perforated Liner set in Hole (Continue on reverse side)

Doc. No. 92489
Filed for record this 21 day of January 1970 1:25 p.

SE1/4 SE Sec. 23 T 2N R 2W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

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).

SE 1/4 SEC. 23 T2N R2W

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.

No. 179
Driller's License Number

Martin J. Barkus
Driller's Signature.

46093

92489

RECORDER'S OFFICE
Jefferson County, Montana } ss.

Filed for record this 21 day of January
A. D. 1920 at 125 o'clock P. M.

Alta M. Dawson
County Clerk and Recorder

Fees, $ 2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—45642

File No.

T 2N R 2W

DUPLICATE

County JEFFERSON

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 4900+)

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner GEORGE D BALLARD JR Address CARDWELL, MONT.

Driller CHUCK SMERKER Address GREAT FALLS, MONT.

Date of Notice of appropriation of groundwater SEPT 5, 1968

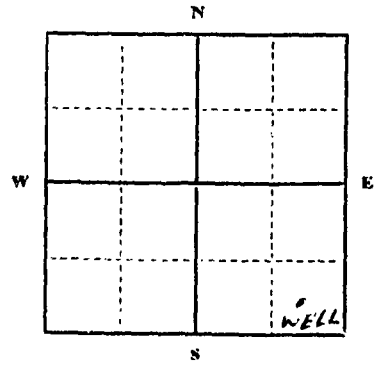
Date well started SEPT 3, 1968 Date completed OCT 15, 1968

Type of well drilled (Dug, driven, bored or drilled) Equipment used ROTARY (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)
8 IN	6 IN 17 LBS PER FOOT	2 FT ABOVE GROUND	58 FT BELOW GROUND		20 FT	60 FT



SE ¼ Sec 23 T 2N R 2W

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

Static Water Level for non-flowing well 8 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 30 feet at 65 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested by pump

Length of Test 45 DAYS CONT.

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).

15 ACRES IN SE 1/4 OF SE 1/4 OF SEC 23 T2N R2W

60 FT. 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.

178
Driller's License Number

Driller's Signature.

44,821

96691

RECORDER'S OFFICE
Jefferson City, Montana
Filed for record this 3rd day of Dec
A. D. 1968 at 4:05 o'clock P. M.
Alta M. Dawson,
County Recorder
Fee, $ 2.00
Joanne P. McFarlane,
Deputy

GW 1

File No. .....

T. 2N R. 2W

DUPLICATE

County JEFFERSON

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, GEORGE D. BALLARD JR, of CARDWELL
(Name of Appropriator) (Address) (Town)
County of JEFFERSON, 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
SE 1/4 OF SEC. 23 T2N R2W
(describe lands to be benefited, if for irrigation)

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

4. The annual period (inclusive dates) of intended use MAY 1ST TO NOV 1ST FOR IRRIGATION YEAR ROUND FOR STOCK

5. The probable or intended date of first beneficial use OCT. 15, 1968

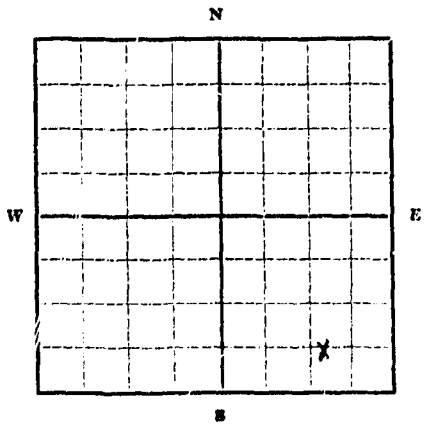
6. The probable or intended date of commencement and completion of the well* or wells*
SEPT. 3, 1968 COMPLETION OCT. 1, 1968

7. The location, type, size and depth of well or wells contemplated SE 1/4 OF SEC. 23 2N 2W
DRILLED 6 IN. CASEING 100 FT.

8. The probable or estimated depth of the water table or artesian aquifer 100 FT.

9. Name, address and license number of the driller engaged CHUCK SMERKER
600 12TH ST. N.W. GREAT FALLS MONT. LICENSE 178

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



SE 1/4 Sec. 23 T2N R2W

Locate well or other means of development as accurately as possible on the plat.

Signature of Appropriator George D. Ballard Jr.

Date Sept 5, 1968

* 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 artifically 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 School of Mines and Quadruplicate for the Appropriator.

44,548

96122

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

Filed for record this 5th day of September

A. D. 19 68 at 10:30 o'clock A M.

Ella M. Dawson
County Recorder

Fees, $2.00 Joanne P. McFarlane, Dep.

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—45647

File No.....

T. 2N R. 2W

County Jefferson

DUPLICATE

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.....)

0-5 soil
5-10 clay & sand
10-14 sand
14-30 clay
30-40 clay
40-45 claysand w very little water
45-70 clay
70-78 sand & clay little water
78-85 clay & gravel
85-92 sand & very dirty water
92-97 clay
97-99 sand w little water
99-101 clay
101-102 clay
102-105 water coarse & small gravel
Bottom of well (bottom of well) 105'

Owner Carroll D. Watson Address Cardwell, Mont

Driller Harold Hulbert Address R.I Bozeman, Mont

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

Date well started Dec 12 1968 Date completed Dec 19, 1968

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7"	6 5/8 OD	1' above	100'		NONE	
	19 lb					

N
W E
S
X

NE ¼ Sec. 25 T. 2N. R. 2W

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

Static Water Level for non-flowing well 13 feet.

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

Pumping Water Level 100 feet at 13 gal. per minute.

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

How Tested bailer & pump

Length of Test 1 hr bailer 2 hr pump

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).

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 47

Driller's Signature Harold D. Hulbert

44,940

90861

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

Filed for record this 24 day of January
A. D. 19 69 at 2:30 o'clock P.M.
Alta M. Dawson
County Recorder
Fee, $ 2.00 Joanne B. McFarlane

GW 2

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

File No. .....

MONTANA WATER RESOURCES BOARD
RECEIVED
JAN 22 1970

T. 2N R. 2W

County Jefferson

DUPLICATE

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 4900)

0' 6' top soil

35 tan clay & gravel

40 sand & gravel (water bottom

Owner George Ballard Address Three Forks Mont

Driller Bittus Drilling Address Butte Mont.

Date of Notice of appropriation of groundwater May 22, 1969

Date well started May 20, 1969 Date completed May 22, 1969

Type of well Drilled (Dug, driven, bored or drilled) Equipment used Churn (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 .250 ~~7.77~~ 17.02	+ 1 ft	40 ft	torch ¼" x 4"	40 ft	35 ft

Doc. No. 92490
Filed for record this 21 day of January A. D. 19 70 at 1:26 o'clock p M

N
W E
S

Sw¼ NE Sec. 26 T. 2N R. 2W
Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 22 feet.

Shut-in Pressure for Flowing Well NA

Pumping Water Level 25 feet at 25 gal. per minute.

Discharge in gal. per min. of flowing well NA

How Tested Pumped

Length of Test 2 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff) water coming through perforations

(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).

Irrigation for garden, shelter belt orchard, ~~H.L.~~

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.

No. 179
Driller's License Number

Martin J. Barnes
Driller's Signature.
46092

92490

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

Filed for record this 21 day of January
A. D. 19 70 at 12 6 o'clock P M.

[illegible] Dawson
County Recorder.

Fee, $ 2.00

GW 4
File No.....

DUPLICATE

T. 2N ... R. 8W

County. JEFFERSON

STATE OF MONTANA

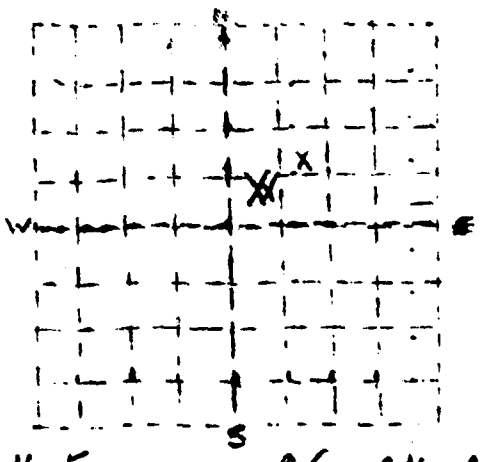
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

RECEIVED JAN 1964 STATE ENGINEER

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

1. GEORGE D. BALLARD JR....., of.....CARDWELL...
(Name of Appropriator) (Address) (Town)
County of JEFFERSON.....State of MONTANA.....
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



N-E 1/4.....Sec. 26 T. 2N R. 8W

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

2. The beneficial use on which the claim is based HOUSE WATER, STOCK WATER AND GARDEN IRRIGATION.....

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910 CONTINUOUS USE TILL NOW DEC. 30, 1963.....

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof. 1/4 ACRE GARDEN & POTATOES.....

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal. BY ELECTRIC JET PUMPS. BOTH WELLS LOCATED IN S-W 1/4 OF N-E 1/4 OF SEC. 26 T. 2N R. 8W.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater. FIRST DUG WELL 1910. DRILLED WELL 1953.....

8. The depth of water table. FIRST WATER 7 FT. SECOND 21 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..... FIRST WELL DUG 4 FT. IN DIAMETER 35 FT. DEEP. SECOND WELL DRILLED 8 IN. CASING 25 FT. DEEP.....

10. The estimated amount of groundwater withdrawn each year. 365,000 GAL.....

11. The log of formations encountered in the drilling of each well if available... HEAVY CLAY AND SAND.....

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

Signature of Owner George D. Ballard Jr.

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 Montana Bureau of Mines & Geology, and Quadruplicate for the Appropriator. 19468

83228

TN 4
File No.....

T. JEFFERSON R.....

DUPLICATE

County.....

RECEIVED JAN 2 1964 STATE ENGINEER

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

George D. Bathoff

DECLARATION OF VESTED GROUNDWATER RIGHTS

(Under Chapter 237, Montana Session Laws, 1961)

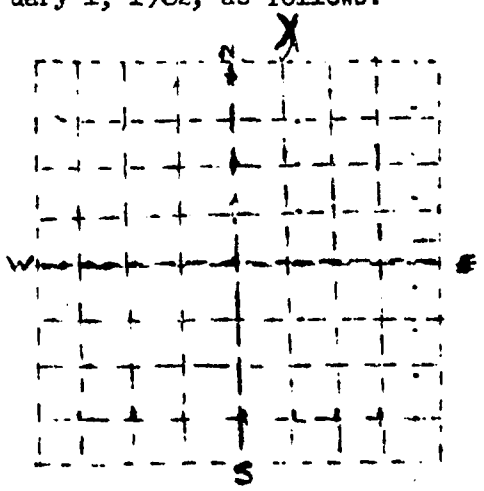
CARDWELL

1. JEFFERSON, of MONTANA
(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:

HOUSEWATER + STOCKWATER



.....1/4.....Sec.....T.....R....

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

LOCATED IN N-W 1/4 OF N-E 1/4 OF SEC 26 T 2 N R 2 W

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

1912 TO NOW 1963

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

8 GAL. PER MINUTE

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.....

DEEP WELL ELECTRIC PUMP

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

1950 PRESENT ELEC. PUMP. 1912 HAND PUMP

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

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

DRILLED, 6 IN CASEING 65 FT DEPTH

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.....

150,000 GAL

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

HEAVY CLAY & SAND

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.....

George D. Bathoff

DEC. 30, 1963

Signature of Owner.....

Date.....

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

19467

83227

RECORDER'S OFFICE }
[illegible] County, Montana } ss.

[illegible] for record this 30 day of Dec
A.D. 63 at 2 50 o'clock P M.
[illegible] M. Dawson
County Recorder.

Fees, $ 2 00

GW

Approved Stock Form—State Publishing Co., Helena, Montana—38496 3

File No.....

T 2 N R 2 W

DUPLICATE

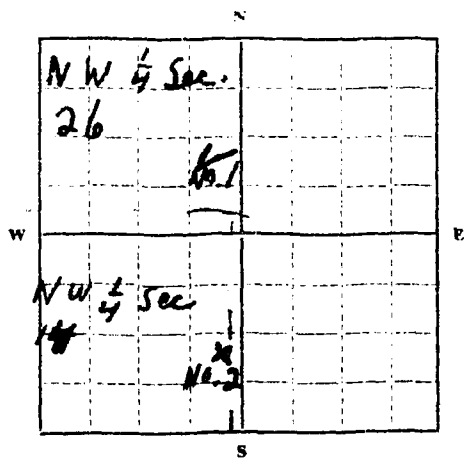
County Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

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



No 1 NW¼ Sec 26 T 2N R 2W

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

No. 2 NW ¼ Sec. 14 T 2N R 2W

2. The beneficial use on which the claim is based No. 1 Household + Cattle water No. 2 - Emergency Cattle water

3. Date or approximate date of earliest beneficial use; and how continuous the use has been No. 1 - December 1960 use has been constant.
No. 2 - Use is infrequent

4. The amount of groundwater claimed (in miner's inches or gallons per minute) No. 1 approximately 5 gallons per min.
No. 2 - Approximately 5 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
¼ acre - garden + lawn
Owner Genevieve Murphy

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal No. 1 - Electric pump
No. 2 - Manual pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater No. 1 - well completed - Oct. 1960 pump assembly started pumping water - Dec. 1960

8. The depth of water table No. 1 Approximately 25 feet No. 2 approximately 10 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 No. 1 - 8 in casing - depth of 40 feet.
Burks Electric pump with tank capacity of 111 gallons
No. 2 - 6 inch casing - depth of 60 ft. No permanent pump

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

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

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

Signature of Owner Genevieve Murphy

Date Dec 12, 1963

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

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

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

19527

83295

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

Filed for record this 21 day of Dec

A. D. 19 63 at 1 25 o'clock P M.

Clerk and Recorder

Fees, $ 2 00

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

File No.

T. 2N R. 2W

DUPLICATE

County Jefferson

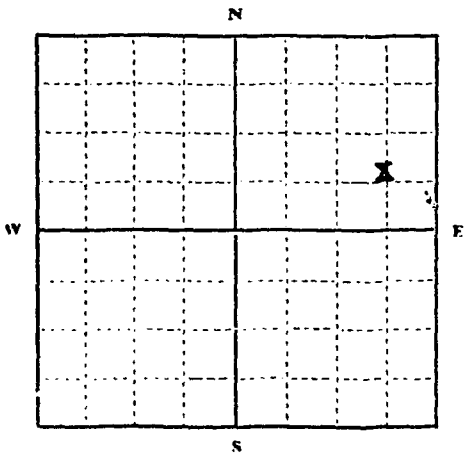
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. James ~~Shanks~~ Shouse, of Three Forks,
(Name of Appropriator) (Address) (Town)

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



¼ Sec. 28 T. 2N R. 2W

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

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

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

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

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

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

8. The depth of water table 30 feet

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

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 James A. Shouse
Date Dec 26, 1969

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.

14851

83132

[illegible] OFFICE,)
[illegible] County, New Mexico, } ss.

[illegible] record this 26 day of Dec.
A.D. 1963 at 1:45 o'clock P. M.

[illegible] County Clerk

Fees, $ 2.00

GW 2 Revised 1969
STATE PUBLISHING COMPANY

County Jefferson

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 Edith Brenner

Address Cardwell

Montana 59721

Date well started 9-26-69

completed Same

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 ☐

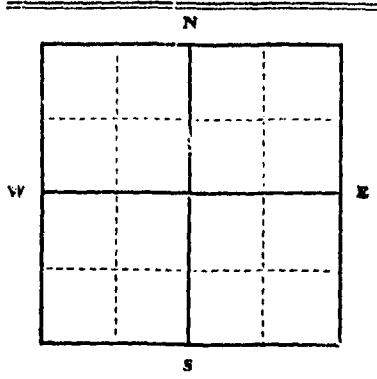
*Describe

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

For Administrator's Use
File 96247-April 26, 1972
2:15 p.m.
GW 1

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	6 5/8" od 1'ag		42'	none		



ne ¼ se ¼ Sec. 32
T. 2 N R. 2 W

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

Static water level 27 ft.*
Pumping water level 78 ft.*
at 40 gallons per minute, measured minutes after pumping began.
*Measured from ground level.
Well developed by compressor for 4 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Driller's Signature O'Keefe Drilling Company
W. T. Kittrell
Driller's Address 2804 Harvard Ave.
Butte, Montana LICENSE NO. 8

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)	
		This well was originally drilled as an industrial well for Zook Brothers Construction Co. The formation logs were sent to them.

1 sec. Show exact depth of bottom

50,271

96247

State of Montana } ss.
Filed for record this 26 day of April
A.D. 1972 at 2:15 o'clock P.M.
Joanne V. McFarlane
County Recorder

By Carla A. Matlack
Dep

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—42199

File No.....

T. 2 N. R. 2 W.

DUPLICATE

County Jefferson

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)

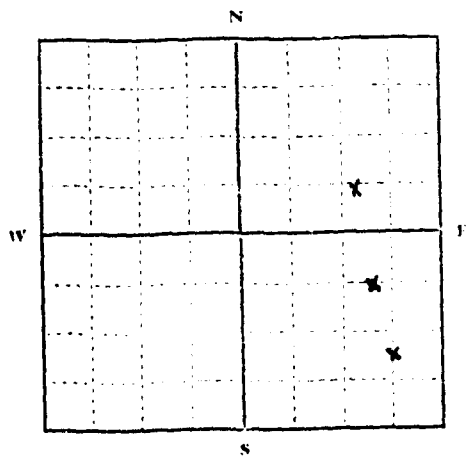
Date of Appropriation of Groundwater unknown

Owner George M. & Juanita Armstrong and George M. Armstrong Jr. Address Cardwell

Contractor (if any) none

Address of Contractor none

Date Started unknown Date Completed unknown



NE ¼ SE ¼ Sec. 34 T. 2N R. 2W

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 natural springs these springs were redeveloped and piped into tanks in 1947 by present owner

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 these springs are used during the summer grazing season

Signature of Owner George M. Armstrong Jr.

Date December 26, 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 Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

19424

83169

RECORDER'S OFFICE,)
Silver Bow County, Montana) ss.

Filed for record this 30 day of Dec
A.D. 19[illegible] at 8:06 o'clock A. M.
[illegible] County Recorder.

Fees, $ 2.00

Approved Stock Form—State Publishing Co., Helena, Montana—42284

File No. .....

T 2 N R 2 W

DUPLICATE

County Jefferson

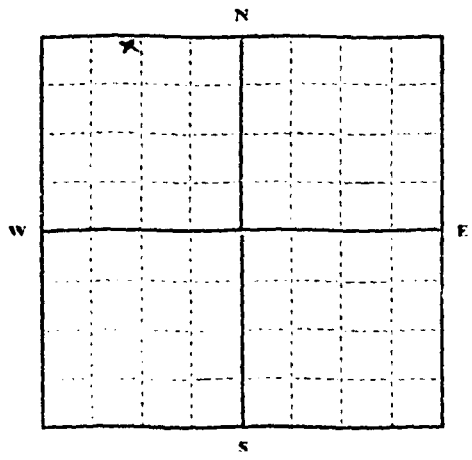
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. George M. Armstrong Jr. George M. & Juanita Armstrong and, of Cardwell
(Name of Appropriator) (Address) (Town)

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



NW ¼ Sec. 34 T. 2N R. 2W

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 supply ample water for the livestock grazing theron

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May 1952 this well is used during the summer grazing season (usually six months)

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

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

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

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

8. The depth of water table approximately 30 ft.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 6 " casing, 94 ft depth water raises to the thirty foot table depth

10. The estimated amount of groundwater withdrawn each year 360,000 gallons

11. The log of formations encountered in the drilling of each well if available Well was drilled by Price & Lindsey of Clancy, Montana in a sandstone formation.

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

George M. Armstrong & Juanita Armstrong

Signature of Owner George M. Armstrong Jr.

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.

19425

83170

GW 2

File No. .....

T. 2N. R. 3W.

DUPLICATE

County Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 15 1963
STATE ENGINEER

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

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Harry A. Dawson Address Cardwell, Montana

Driller Parker & Lower Address Willow Creek, Montana

Date of Notice of Appropriation of Groundwater January 4, 1963

Date well started May 2, 1962 Date Completed May 9, 1962

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

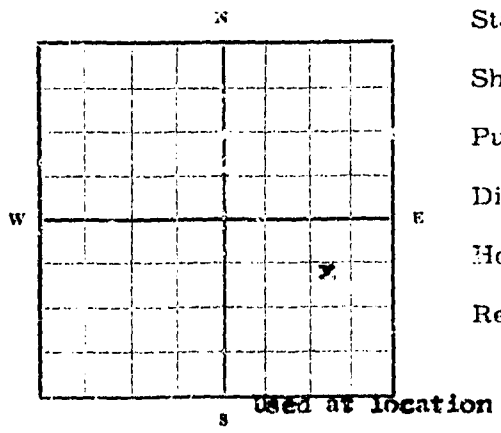
Water Use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐ Industrial ☐ Drainage ☐ Other ☐

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" 15#	0	83	None	—	—

(CLAY - LIME - 39')
42'
CLAY - SAND
59' WATER 11'
91'
(CLAY (BLUE))
84'
86'
SAND - GRAVEL 2'

Show exact depth of bottom.



.....¼..... Sec..... T..... R.....

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

Static Water Level for non-flowing Well 27 feet.

Shut-in Pressure for Flowing Well Not Applicable

Pumping Water Level 52 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well Not Applicable

How Tested Pump Length of Test 1 Hour

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) used for stock water. Pumped by electric submersible pump with float type start and shut-off.

#24
Driller's License Number

Parker Lower
Hal Lower
Driller's Signature

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

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

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

3300

81 850

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

Filed for record this 11 day of June
A. D. 19 82 at 9 — 38 o'clock A M.
Acta M Dawson
County Recorder

Fees, $ 1.00

Mary Dean Faherty
Deputy

GROUNDWATER INDEX

County Jefferson Twp. 2N Rge. 1W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
18	Eureka School Dist 26	GW4	83226	
18	Tribble Kathrin	GW2	92686	
18	Tribble William R	GW2	91953	
19	Shanholtzer Raymond	GW2	92603	
22	Woodbury Leo	GW2	91765	
23	Woodbury Leo	GW2	91766	

G

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

File No. .....

T. 2N R. 1W

DUPLICATE

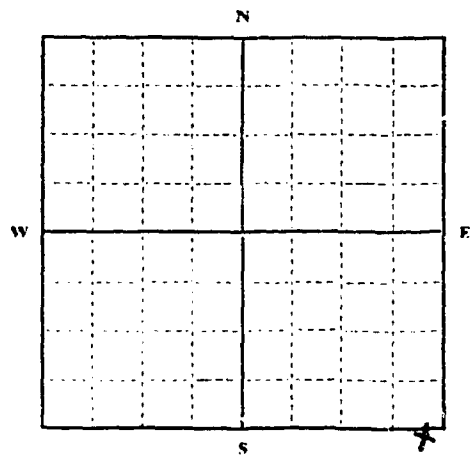
County JEFFERSON

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. EUREKA School DiST. 26 (Name of Appropriator), of (Address) CARDWELL (Town)
County of JEFFERSON State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ Sec. 18 T. 2N R. 1W
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 WATER FOR School

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1916 To 1964

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

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal ELECTERIC deep WELL PUMP LOCATED IN THE SOUTH-EAST CORNER OF THE S-E 1/4 OF SEC. 18 T 2N R1W

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater hAND PUMP INSTOLLED IN 1915 PRESENT deep WELL ELECTERIC PUMP IN 1953

8. The depth of water table 30 FT.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater DRILLED, 6IN CASEING, 60 FT. dEEP

10. The estimated amount of groundwater withdrawn each year 18000gAL.

11. The log of formations encountered in the drilling of each well if available hEAVY SOIL + SAND

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

Signature of Owner George D. Ballard Jr.
Date 12/30/63

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

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

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

19466

83226

63. 2 30 40 Rec P.

2 00

GW 2

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

File No. .....

T. 2 N R. 1 W

DUPLICATE

County Jefferson

LOG

Top of Ground

(Elev. above sea level 4500)

0

120 OLd Hole

135 Clay & Gravel

163 Clay, SAND, & GRAVEL

165 -- BOTTOM - - -

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)

Owner Kathrine Tribble Address Cardwell, MONT.

Driller BARRUS Drilling Co. Address BUTTE, MONT.

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

Date well started Jan 28, 70 Date completed Jan 31, 1970

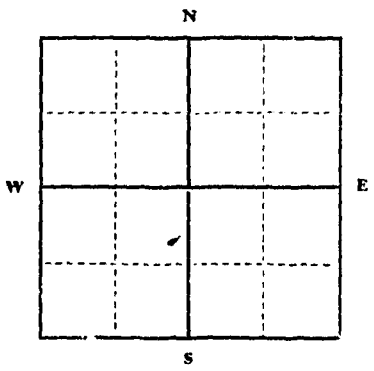
Type of well Drilled (Dug, driven, bored or drilled) Equipment used Churn (Churn drill, rotary or other)

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" 6 5/8 OD 12 50 17.02 lbs	0	125		125	165
	4½ OD Liner	120'	165'	Torch 1/4 x 4		

Date for record 92684 this 13 day of March A. D. 19 70, at 2:50 o'clock P.M.



NE ¼ SW Sec. 18 T. 2N R. 1W

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

Static Water Level for non-flowing well — feet.

Shut-in Pressure for Flowing Well 15 lbs

Pumping Water Level — feet at — gal. per minute.

Discharge in gal. per min. of flowing well 30 gal.

How Tested Timed

Length of Test .....

Remarks: (Gravel packing, cementing, packers, type of shutoff) Clay & Concrete packing ~~Ten 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).

TEN ACRES

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.

no 179
Driller's License Number

BARRUS DRILLING Co.
Driller's Signature.

46951

92686

13th March
A. D. 19 70 2 50
Alba M Dawson
Jan 2nd Jeanne O McCarline
Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—3908.

File No. RECEIVED

DUPLICATE

OCT 6 1969

T. 2N R. 1 W

County Jefferson

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 4500)

Owner William R. Tribble Address Cardwell, Montana

Driller Cliff Mining Co. Address Cheyanne, Wyoming

Date of Notice of Appropriation of Groundwater Aug. 29, 1969

Date well started Aug.28,1969 Date Completed Aug.29,1969

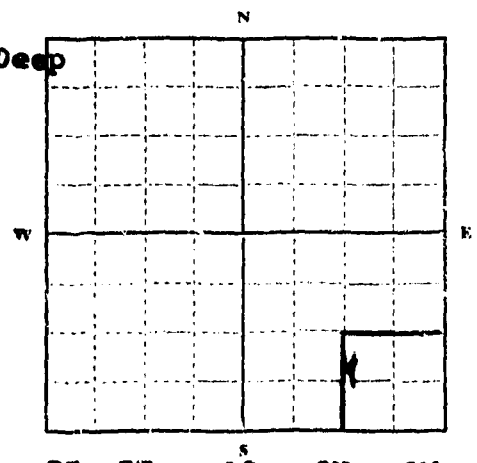
Type of well Drilled (dug, driven, bored or drilled) Equipment Used (Churn, drill, rotary or other)

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)
5¾" Diameter	2" casing	Surface	94 feet deep	None		

135' Deep



SE ¼ SE Sec. 18 T. 2N R. 1W

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

Static Water Level for non-flowing Well ..... feet.

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

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

Discharge: gal. per min. of flowing well m 20

How Tested ..... 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)

20 Acres

Show exact depth of bottom.

This hole drilled as test hole For minerals. Water flowed so set pipe to control the flow. Did not know or plan on this for a water well.

N.A.
Driller's License Number

Jack Harbison
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.

45713

91955

6th October 4

Alta M. Dawson

29° By James P McFarlane
Deputy.

GW 2

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

File No. .....

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

DUPLICATE

County Jefferson

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

0 (Elev. above sea level 4650)

18 ft top soil + sandy clay

54 ft sand gravel + clay

60 ft clay

65' sand + gravel (top water 2 gpm)

80' sand gravel + clay

95' clay

97' sand + gravel (flowing ½ gpm)

115' clay

117' sand + gravel (flowing 1½ gpm)

125' blue clay

137' sand + gravel (flowing 8 gpm)

clay

157' sand + gravel (water) (flowing 10 gpm)

160 Bottom of Well

Owner Raymond Shanholtzer Address Three Forks Mont

Driller Patrus Drilling + pump Address Butte Mont

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

Date well started Feb 9, 1970 Date completed Feb 14, 1970

Type of well Drilled (Dug, driven, bored or drilled) Equipment used Churn (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 .219 14.97 lb	0'	135'	None		

N
W E

Static Water Level for non-flowing well ——— feet.

Shut-in Pressure for Flowing Well 15 lbs

Pumping Water Level ——— feet at ——— gal. per minute.

Discharge in gal. per min. of flowing well 25 gpm

How Tested timed

Length of Test ———

Remarks: (Gravel packing, cementing, packers, type of shutoff) Cemented around outside of 6" Casing to 10 ft.

Sec. 1/4 Sec. 1 T 2N R 1W

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

Doc. No. 92603

Filed for record this 17 day February A.D. 19 70 at 2:00 o'clock P M

(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).

None

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.

No 179
Driller's License Number

Driller's Signature

1/6/86

92603

17 February

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—3-69

File No. .....

T. 2 N. R. 1 W.

DUPLICATE

County Jefferson

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 4500 ft.)

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Leo Woodbury Address Cardwell, Mont.

Driller Harbison Drilling Address Casper, Wyo.

Date of Notice of Appropriation of Groundwater Sept. 2, 1969

Date well started Aug. 30, 1969 Date Completed Aug. 30, 1969

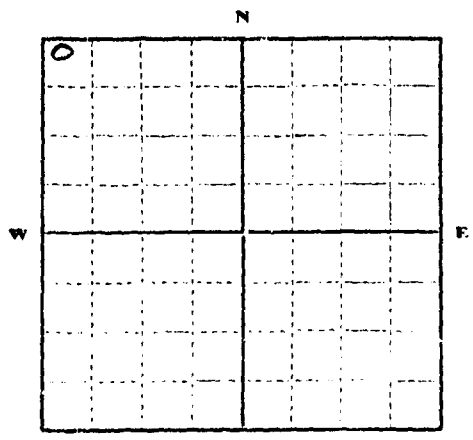
Type of well drilled (dug, driven, bored or drilled) Equipment Used Rotary (Churn, drill, rotary or other)

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" I.D.					

600 ft. deep



NW¼NW Sec. 22 T. 2 N R. 1 W

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

Static Water Level for non-flowing Well ..... feet.

Shut-in Pressure for Flowing Well 50#

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

Discharge in gal. per min. of flowing well 70 gal.

How Tested ..... 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)

50 acres

Show exact depth of bottom.

Driller's License Number

Leo Woodbury (owner)
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.

45576