GROUNDWATER INDEX

County Granite Twp. 12 N Rge. 15 W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
13	Weaver, Maurice	2 W 4	—	
13	Weaver, Maurice	2 W 3	87318	

GW

Approved Stock Form—State Publishing Co., Helena, Montana—28687 3

File No.....

T. 12 N R. 15 W

DUPLICATE

County Granite

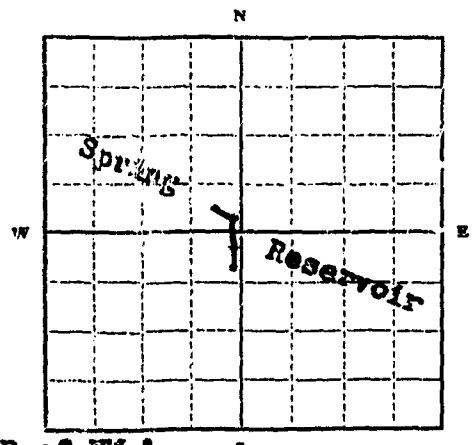
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUN 21 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Maurice Weaver, of Drummond, Montana
(Name of Appropriator) (Address) (Town)
County of Granite State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE of NW & NE of NW
1 ¼ Sec. 13 T 12 R. 15

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 50 miner's 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 No

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Natural Spring Flow through ditch and then into Reservoir.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Reservoir - More than 10 years

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 None

10. The estimated amount of groundwater withdrawn each year Unknown

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

Signature of Owner Maurice Weaver

Date 6-19-63

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.

4706

FILED FOR RECORD

June 9 1963

at 44 minutes past 1 o'clock

P.M.

Agnes M. McDonald

County Recorder

By Unreal Nau

Deputy

GW 3

Doc. No. 5930

Filed for record

File No. this 17 day of June

A. D. 19 ____, at 4:52

DUPLICATE o'clock P M.

Approved Stock Form—State Publishing Co., Helena, Montana—42199 3

13

T 12 N R 15 W

County Granite

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 June 15, 1971

Owner Maurice Weaver Address Clinton, Montana 59825

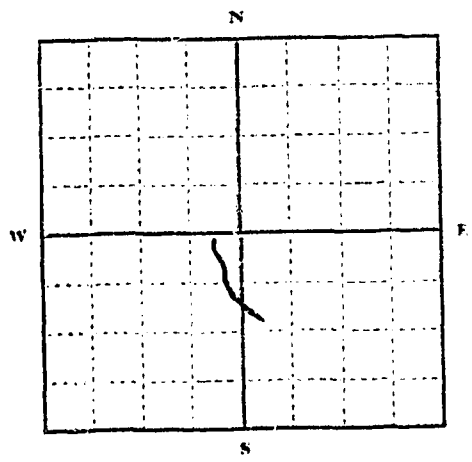
Contractor (if any) .....

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.

Taken from a spring



S W ¼ Sec. 13 T. 12 R. 15

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

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

15 Minutes Inches

Signature of Owner Maurice Weaver

Date June 18 1971

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.

48640

87318

FILED FOR RECORD

June 18, 1971 at

55 minutes past 4:00 o'clock P. M.

Marie Morrison
County Recorder

By Maude I. Echols
Deputy

Fee: $2.00

W 3

Approved Stock Form—State Publishing Co., Helena, Montana—42262

File No .....

T. 13 R. 14 West 15

DUPLICATE

County Granite

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)

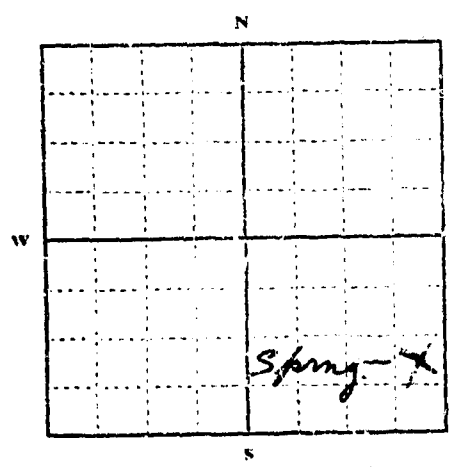
Date of Appropriation of Groundwater 1965

Owner Walter Moore Address 362. 28th Ogden Utah

Contractor (if any) None

Address of Contractor —

Date Started — Date Completed —



14 ¼ NW Sec 15 T 13 R 14

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable at Resident Pipe in on top of Ground to cabin Homestead use this Spring runs about 5 6 inches about the lost of from then 2 to 3 inches

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 5 to 6 month Each year this spring comes out of the side of mountain from Spring to cabin 100 feet

Signature of Owner Walter Moore

Date Nov 1965

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.

Doc. No. 26752
Filed for record
this 12 day of November
A.D. 19 76, at 1:01
o'clock P M.

47749

GROUNDWATER INDEX

County Granite Twp. 12 N Rge. 14 W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
15	Moore, Walter	2 W 3	86752	
15	Moore, Walter	2 W 3	80080	
24	McMahan, R. W.	2 W 3	77665	

86752

FILED FOR RECORD

Nov. 12, 1970 at
01 minutes past 1:00
o'clock P. M.

Agnes M. McDonald
County Recorder

By Maude I. Echols
Deputy

$2.00 Fee

STATE WATER CONSERVATION BOARD

Approved Stock Form—State Publishing Co., Helena, Montana—42262

NOV 15 1966

File No.

DUPLICATE

Billings ____ Missoula ____
Butte ____ Miles City ____
Cody ____ Havre ____
Dawson ____ Sullivan ____
Dickey ____

15

T. 12 N. R. 14 W.

County Granite county

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 1955

Owner Walter Moore Address 362 23 th Ogden Utah

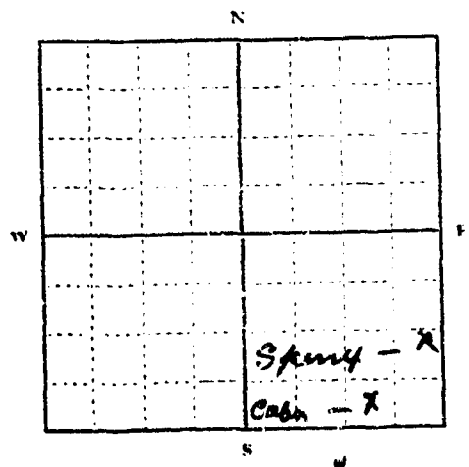
Contractor (if any) No

Address of Contractor No

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 At Present Water Pipe is on Top of ground to my cabin. domestic. use this Spring runs about 50 inches about the last of June. Then 2 or 3 inches

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 5 to 6 month each year. This spring comes out of the side of mountain From spring to cabin 700 F



____ ¼ ____ Sec. 15 T. 12 N. R. 14 W.

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

Signature of Owner Walter Moore

Date Nov. 9, 1966

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.

59818

80080

FILED FOR RECORD

Nov. 12, 1965 at 58
minutes past 12:00
o'clock P. M.

Agnes M. McDonald
County Recorder

By Maude Echols
Deputy

N 3

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

24

File No.....

T 12N R 14W

DUPLICATE

County GRANITE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater DEC. 31, 1963

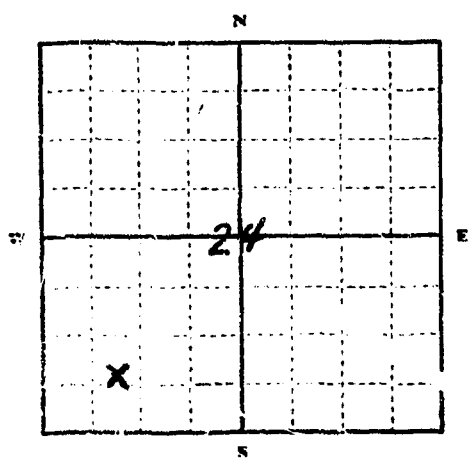
Owner R. W. McMAHAN Address DRUMMOND, MONT.

Contractor (if any) NONE

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 NATURAL SPRING CLEANED



SW¼ SW¼ Sec 24 T2N R14W

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

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

100 GALS PER MIN.
USED MAY TO OCT.

Signature of Owner R. W. McMahan

Date DEC. 31, 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.

24117

77668

FILED FOR RECORD

Dec 31 1963

at 36 minutes past 2 o'clock

By

County Recorder

By _____ Deputy

GROUNDWATER INDEX

County Granite Twp. 12 N Rge. 13 W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
3	Ohmann, Wm R	GW 4	—	
4	Ohmann, Wm R	GW 4	—	See Section 3
8	Krieger, Frank	GW 3	82069	
16	Baker, Elias	GW 2	84449	
17	Baker, Elias	GW 2	84450	
17	Baker, Elias	GW 2	84451	

GW 3

File No. .....

DUPLICATE

T 12 R 13

County Granite

RECEIVED

STATE ENGINEER

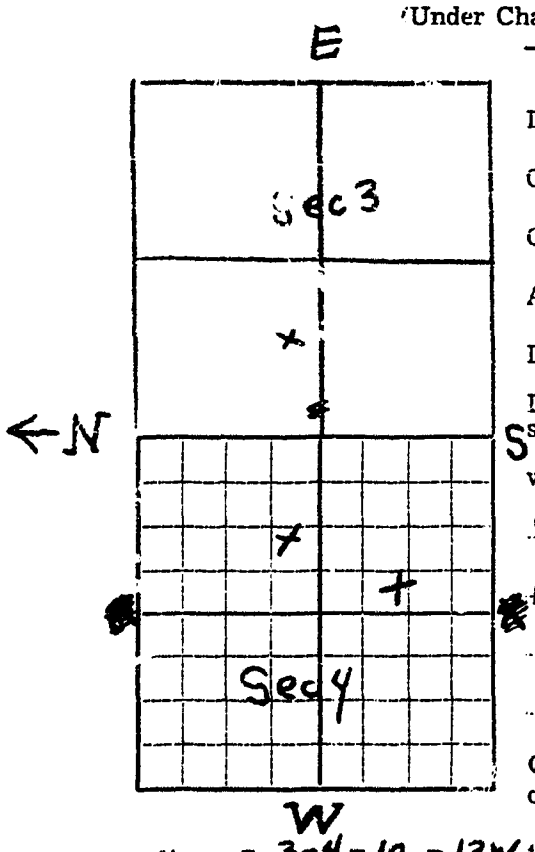
STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)



Date of Appropriation of Groundwater June 1 1959

Owner Wm R Ohrmann Address Drummond Mont

Contractor (if any) None

Address of Contractor —

Date Started June 1 1959 Date Completed May 15, 1962

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. This was a standard spring development planned by SCS. Consists of perforated pipe leading to a concrete collection well and is piped from there to tanks. Three separate springs developed.

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 About 300 gal per hour per spring. Water was measured for one minute and computed from that.

.....¼..... Sec 3-4 T. 12 R. 13W

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

NW¼ Sec 3
NE¼ Sec 4
SE¼ Sec 4

Signature of Owner Wm R Ohrmann

Date Jan 17 1963

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

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

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

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

3390.

FILED FOR RECORD

Jan 21, 1963

at 32 minutes past 4 o'clock

P.M.

Agnes M. McDonald

County Recorder

By Arcadia Nau

Deputy

W 3

WATER CONSERVATION BOARD

JUL 5 1967

Approved Stock Form—State Publishing Co., Helena, Montana—42262

File No.....

DUPLICATE

T 12 R 13 W

County GRANITE

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.....

Owner FRANK KRIEGER Address GARNET, VIA DRUMMOND

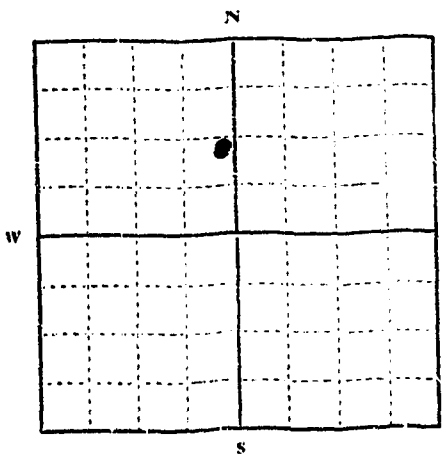
Contractor (if any) .....

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.....

THE SAID WATERS SURFACE BY MEANS OF NATURAL SPRINGS AND FLOW DOWN DEEP CREEK GULCH THROUGH THE ELKHORN MINING CLAIMS GROUP NOW OWNED BY FRANK KRIEGER. (THERE ARE NO MAN-MADE DITCHES, CONDUITS, FLUMES) THIS WATER RUNS FREELY INTO THE RESERVOIR IN DEEP CREEK WHICH HAS A FLOOD GATE AND A HEAD GATE TO REGULATE THE FLOW.



NW ¼ Sec. 8 T 12 R 13W

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

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use FROM THE 15th OF MAY UNTIL THE 1st OF NOVEMBER EACH YEAR, OR UNTIL IT FREEZES UP.

Signature of Owner Frank Krieger

Date JUNE 13, 1967

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.

42 105

82069

FILED FOR RECORD

June 30, 1967

at 58 minutes past 12:00 o'clock

P. M.

Agnes M. McDonald
County Recorder

By- Maude Echols
Deputy

GW 2

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

File No.....

T. 12 N R. 13 W 16

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED
JAN 9 1969

County Granite

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.....)

GL black dirt

4' 4' gray clay, sand & gravel

8' 8' sand, gravel & water

15'

Show exact depth of bottom.

Owner ERVIN BAUER Address DRUMMOND, MONT.

Driller KEN WILLIAMS Address 1558 So. 5th W. MISSOULA, MONT.

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

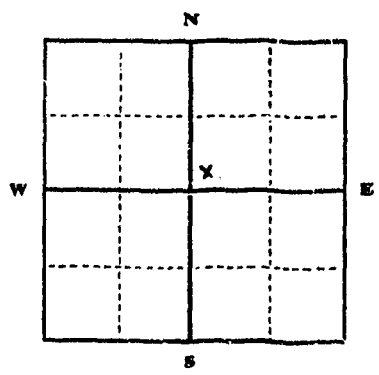
Date well started MARCH 25, 68 Date completed MARCH 26, 68

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" ID	6-5/8" O.D. 17 lbs. ¼" side wall	ground level	15'			



SW 1/4 NW Sec. 16 T. 12 R. 13

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

Static Water Level for non-flowing well 3 feet.

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

Pumping Water Level 13 feet at 20 gal. per minute.

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

How Tested bail & test pump

Length of Test 3 hours

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).

To be used for stock water and other useful & beneficial purposes

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.

161
Driller's License Number

Kenneth L. Williams
Driller's Signature.

44, 90 ft

84449

FILED FOR RECORD

January 7 1969

at 14 minutes past 2:00 o'clock

P M.

Agnes M. McDonald
County Recorder

By Eleanora F. Nagl
Deputy

AGNES M. McDONALD
Clerk and Recorder
Granite County

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—45642 3

File No.....

T. 12 N R. 13 W 17

DUPLICATE

County Granite

RECEIVED JAN 3 1969

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)

LOG

Top of Ground

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

GL black dirt
4
4' gray clay, sand & gravel
7'
7' sand, gravel & water
10'
10' bedrock
15'

Show exact depth of bottom.

Owner ERVIN BAKER Address DRUMMOND MONTANA

Driller KEN WILLIAMS Address 1858 So. 5th W. MISSOULA, MONT.

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

Date well started MARCH 21, 68 Date completed MARCH 22, 68

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" I.D.	6-5/8" O.D. 17 lbs. ¼" side wall	ground level	15'			

N
W E
S
X

SW1/4SE Sec 17 T. 12 R. 13

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

Static Water Level for non-flowing well 4½ feet.

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

Pumping Water Level 10 feet at 24 gal. per minute.

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

How Tested bail & test pump

Length of Test 3 hours

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).

to be used for stock water and other useful and beneficial purposes

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.

151
Driller's License Number

Kenneth L. Williams
Driller's Signature.

44,904

84450

FILED FOR RECORD

January 7 69

27 minutes past 3 o'clock

Agnes M. McDonald
County Recorder

Edward J. Neff
Deputy

AGNES M. McDONALD
Clerk and Recorder
Granite County

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—45642 3

File No.

T 12N R 13W 17

DUPLICATE

County Granite

RECEIVED JAN 9 1968

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)	
GL	brown clay, & gravel
19	
19	water, sand & gravel
23	
23	gray clay, sand & gravel
27	
27	water, sand, & gravel
32'6"	"

Show exact depth of bottom.

Owner ELVIN K. BAKER Address DRUMMOND, MONT.

Driller KEN WILLIAMS Address 1558 So. 5th W. MISSOULA, MONT.

Date of Notice of appropriation of groundwater

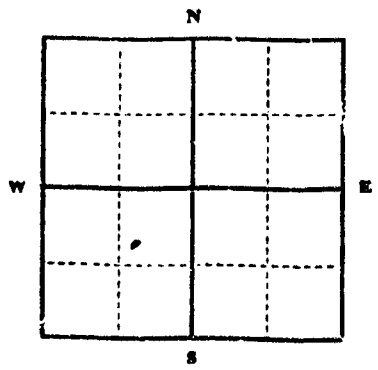
Date well started MARCH 20, 68 Date completed MARCH 21, 68

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"I.D.	6-5/8" O.D. 17 lbs. ¼" side wall	ground level	32'6"			



NW1/4SW1/4 Sec. 17 T. 12 R. 13

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

Static Water Level for non-flowing well 14 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 15 feet at 60 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested sub. test pump

Length of Test 2 hours

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).

to be used for stock water and other usefull and Beneficial Purpose

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.

151
Driller's License Number

Kenneth L. Williams
Driller's Signature.

44,902

84451

FILED FOR RECORD

January 7 19 69

at 3:10 minutes past 12 o'clock

P M.

Agnes M. McDonald
County Recorder

By Eleanor J. Naef
Deputy

AGNES M. McDONALD
Clerk and Recorder
Granite County

GROUNDWATER INDEX

County Granite Twp. 11 N Rge. 16 W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
15	Baker Arthur H.	2 N 3	88799	

3 GW 3 Revised 1969
2057—1500—1/71

RECEIVED

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Granite 15

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 88299
July 22, 1972 1:12 p.m.
GW 1

Owner Arthur H. BAKER

Address P.O. Box 14, Clinton, Montana 59825

Contractor (if any) None

Address of Contractor None

Date Started existed Date Completed —

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Spring Fed existing Slough or pond Near river.

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

3. Depth of water table 4 to 8 feet

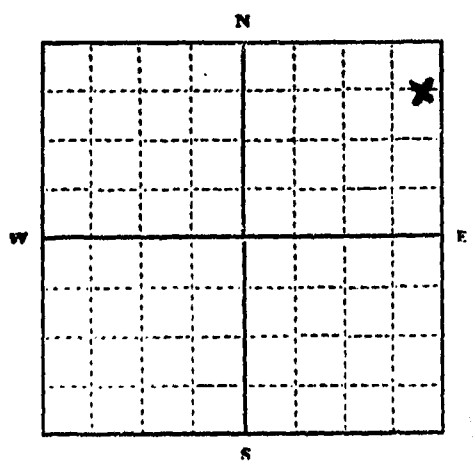
4. Use of the water Irrigation

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 180 gallons per minute

6. If used for irrigation, give number of acres and description of land 10 Acres of Hay field 660' x 660'

7. Estimate amount of water used each year 28,000,000 gallons

8. Months of year spring flows Year Around



SE¼ NE¼ ~~NW¼ SW¼~~ Sec. 15
T. 11 N R. 14 W

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE. Elevation of spring, if known or estimated estimate 3000 ft

Signature of Owner Arthur H. Baker

Date 6-21-72

51,006

88799

FILED FOR RECORD
July 27, 1972
at 12 minutes past 1:00 o'clock
P. M.

Marie Morrison
County Recorder

By Maude I. Echols
Deputy

Montana Department of Natural Resources & Conservation
Helena, Montana 59601

Arthur A. Baker
P.O. Box 14
Clinton, Mont.

Gentlemen:

The survey was not developed at the time when the petition was filed. However we are doing the original survey and make at this point.

It is not [illegible] that [illegible]

NOTICE OF OWNER

86799

FILED FOR REC
July 27, 1972
at 12 minute
P. M.
Merle Morr
Co
By Maude L.

Arthur H. Baker
Box 14
Clinton, Mont.

Montana Department of Natural
Resource + Conservation
Helena, Montana 59601

Dear Sirs:

The spring was not developed at the source of extrusion from the ground. However we dug out the spring and made it clean at that point.

The work was started and completed on the 21st of June. If a different appropriation procedure should be followed could you transfer the information for me or if necessary send me the correct forms.

Sincerely Yours
Arthur H. Baker

AND PLACE OF USE, IF POSSIBLE.
Elevation of spring, if known or estimated Estimate 200 ft

7. Estimate amount of water used each year 28,000,000 gallons

8. Months of year spring flows Year Around

Signature of Owner Arthur H. Baker

Date 6-21-72

F.

51,066

Address P.O.Box 14, Clinton, MT 59825
Location T. 11N R. 16W Sec. 15
Doc. No. 88799

Engineering Bureau
Groundwater Section
Sam W. Mitchell Building
Helena, Montana 59601

As the Administrator of the Groundwater Code for the State of Montana, please take note of the following special instructions, in order to properly protect your groundwater right.

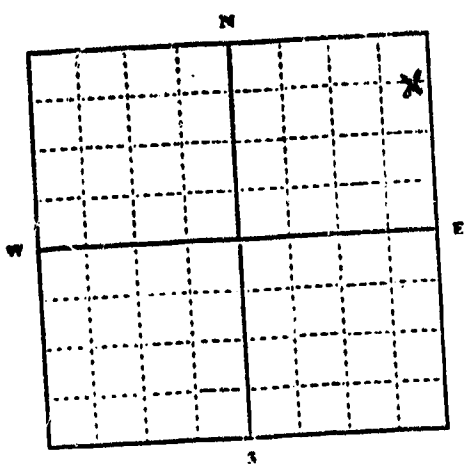
Special Instructions:

Please provide, as indicated in red on the attached form, the dates the development was started and completed.

NOTE: A spring that is not developed at its source of extrusion from the ground and which flows for a distance in a natural channel is considered surface water and therefore an entirely different appropriation procedure should be followed.

Thank you.

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Spring Fed existing slough or pond Near river



NE 1/4 ~~NE 1/4~~ E 60.0' ~~NW 1/4~~ ~~SE 1/4~~ Sec. 15
T. 11 ~~N~~ N/S R. 16 W E/W

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE. Elevation of spring, if known or estimated Estimate 300 ft

2. Means of withdrawing water (gravity, pump, canal, etc.) Pump
3. Depth of water table 4 to 8 feet
4. Use of the water Irrigation
5. Amount of groundwater claimed (in miner's inches or gallons per minute) 180 gallons per minute
6. If used for irrigation, give number of acres and description of land 10 Acres of Hay field 660' x 660'
7. Estimate amount of water used each year 28,000,000 gallons
8. Months of year spring flows Year Around

Signature of Owner Arthur H. Baker
Date 6-21-72

51,006

2057—1500—7/71

County Granite

MONTANA

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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 88299
July 22, 1972 1:12 p.m.
GW 1

Owner Arthur H. Baker

Address P.O. Box 14, Clinton, Montana 59825

Contractor (if any) none

Address of Contractor none

Date Started existed Date Completed —

1. Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Spring Fed existing slough or pond near river.

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

3. Depth of water table 4 to 8 feet

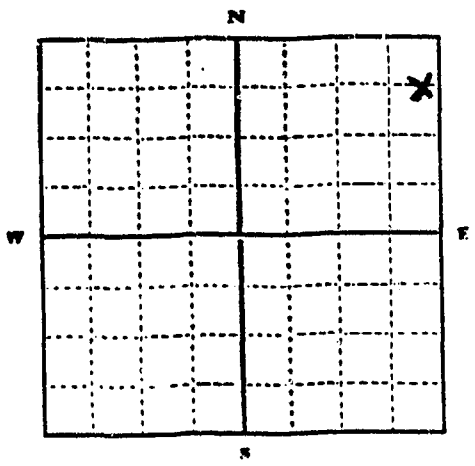
4. Use of the water Irrigation

5. Amount of groundwater claimed (in miner's inches or gallons per minute) 150 gallons per minute

6. If used for irrigation, give number of acres and description of land 10 Acres of Hay field 660' x 660'

7. Estimate amount of water used each year 26,000,000 gallons

8. Months of year spring flows Year Around



SE¼ NE¼ E 60.0' Sec. 15

T. 11 N. S R. 16 W. E

INDICATE POINT OF APPROPRIATION AND PLACE OF USE, IF POSSIBLE. Elevation of spring, if known or estimated Estimate 2000 ft

Signature of Owner Arthur H. Baker

Date 6-21-72

5,000

GROUNDWATER INDEX

County Granite Twp. 11 N Rge. 15 W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
7	Willis Ranch Co. by	U W 4	77235	
	Willis William J			
7	Willis Ranch Co. by	U W 4	77236	
	Willis William J			
23	Parke E.F. and Elaine	U W 3	77489	
23	Parke E.F. and Elaine	U W 3	77491	
23	Parke E.F. and Elaine	U W 4	77490	
23	Parke E.F. or Elaine	U W 4	77488	
23	Parke E.F. and Elaine	U W 3	—	
24	B L M	U W 3		
24	Barthel, P.W.	U W 4	77629	
24	Barthel, P.W.	U W 3	77630	
24	Barthel, Frank C	U W 3	77632	
24	Harris, Frank C	U W 2	89368	
24	Redding, Don	U W 2		

Approved Stock Form—State Publishing Co Helena Montana—38687 7

File No. ..... T. 11 R. 15

DUPLICATE

County Granite

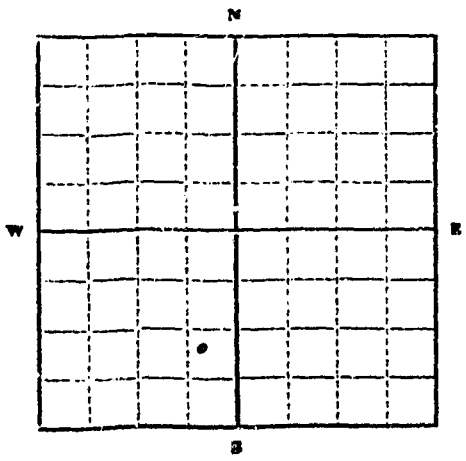
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 5 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Wills Ranch Co by William J. Wills of Star Route Clinton
(Name of Appropriator) (Address) (Town)
County of Granite State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E.¼ S.W. Sec. 7 T. 11 R. 15

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

2. The beneficial use on which the claim is based: stock water and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1926

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: approximately 50 acres by gasoline irrigation system

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: 1926

8. The depth of water table: about 8 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: shallow well - 2 ft tile - 12 ft deep

10. The estimated amount of groundwater withdrawn each year: 36,000 per day when irrigating 100 gal a day for stock water

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

Wills Ranch Co
Signature of Owner: William J. Wills

Date: Nov. 19 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.

7869

#77235

FILED FOR RECORD

Dec. [illegible] 63

at 2 [illegible] 1 o'clock

P.M.

Agnes M. McDonald

County Recorder

By Ursula New

Deputy

77236

FILED FOR RECORD

Dec 2 1963

at 4 minutes past 1 o'clock

P. M.

Agnes M. McLeod
County Recorder

By Anne New
Deputy

G

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

7

File No.....

T. 11 R. 15

DUPLICATE

County Granite

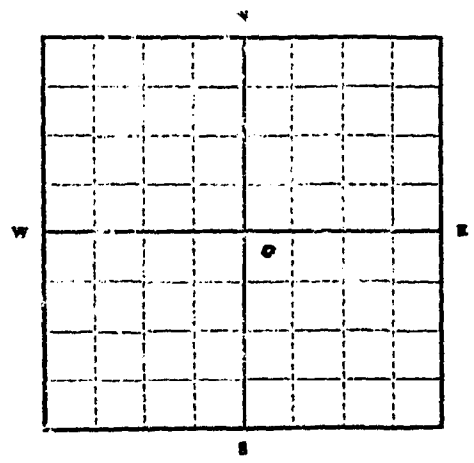
RECEIVED
DEC 5 1963
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Wills Ranch Co by William J. Wills of Clinton
(Name of Appropriator) (Address) (Town)
County of Granite State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW¼ SE Sec. 7 T. 11 R. 15

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

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

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

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

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

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 Aug 1957 – Sept 1957

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 deep well – 6 in pipe – 60 ft deep

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 Top soil – clay – gravel – clay – gravel – etc.

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.

Wills Ranch Co
Signature of Owner William J. Wills

Date Nov 19 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.

7570

3

Approved Stock Form—State Publishing Co., Helena, Montana—41337

File No. .....

T. 11 N R. 15 E

DUPLICATE

County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 9/10/60

Owner E. F. Parke Address Clinton Mont
Claude Parke

Contractor (if any) .....

Address of Contractor .....

Date Started 11/5/60 Date Completed 9/8/60

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Water was a natural spring which was dug to the surface

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use. Water was used to irrigate through the year round

Signature of Owner E. F. Parke

Date 12/16/63

N

W E

S

.....¼..... Sec. 25 T. 11 R. 15

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

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

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

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.

23956

77487

FILED FOR RECORD

Dec 27 1963

at 7 minutes past 1 o'clock

P M.

Agnes D. McDonald

County Recorder

By _____

Deputy

3

Approved Stock Form—State Publishing Co., Helena, Montana—41337 3

23

File No.....

T. 11 N. R. 15 E.

DUPLICATE

County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 8/20/63

Owner E. E. Parke Address Clinton, Mont.
Elaine Parke

Contractor (if any) .....

Address of Contractor .....

Date Started 7/10/60 Date Completed 7/18/60

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. The water is a natural seep in a hole seven ft. below surface of the ground.

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. 2 gal per minute measured through 2 inch the meter used.

Signature of Owner E. E. Parke

Date 12/16/63

N
W E
S

.....¼..... Sec. 23 T. 11 R. 15

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

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

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

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.

23958

77491

FILED FOR RECORD

Dec 27 1963

at 11 minutes past 1 o'clock

Pm

Agnes M McDonald
County Recorder

By _____ Deputy

G¹ Approved Stock Form—State Publishing Co., Helena, Montana—41921 B³ 23

File No. T. 11 R. 15

DUPLICATE County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

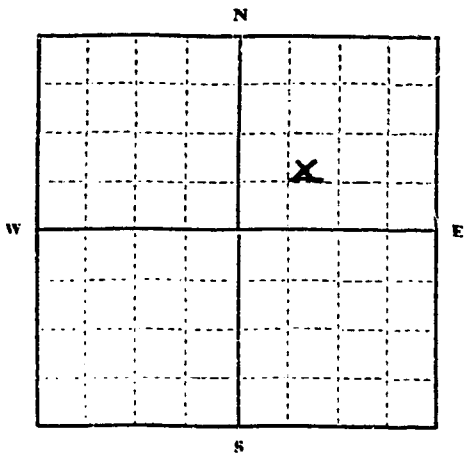
RECEIVED JAN 6 1964 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. E F Parker Elmer Parker, of Clinton
(Name of Appropriator) (Address) (Town)

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



..... ¼ Sec. 23 T. 11 R. 15

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been [illegible] 2, 1957 [illegible]

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

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 [illegible]

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started Nov. 1, 1957 Completed Nov. 3, 1957

8. The depth of water table 21 feet to water 14 ft. 9 water

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 [illegible] 45 ft. deep

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

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 E. F. Parker
Date 12/16/63

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.

23957

77490

FILED FOR RECORD

Dec 27 is 63

at 9 minutes past 1 o'clock

P M.

Agnes M. McDonald
County Recorder

By _____ Deputy

77488

FILED FOR RECORD

Dec 27 1963

at 5 minutes past 1 o'clock

P.M.

Agnes M McDonald
County Recorder

By _____
Deputy

3

Approved Stock Form—State Publishing Co., Helena, Montana—41337

23

File No.....

T. 11 N R. 15

DUPLICATE

County Granite

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

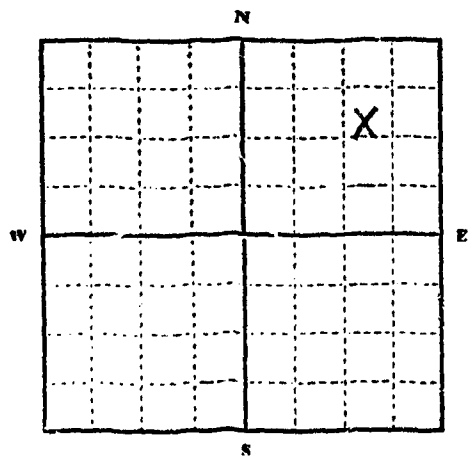
Owner E. F. Parke Address Clinton, Mont.
Elaine Parke

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. spring



.....¼..... Sec. 23 T. 11 R. 15

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

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

200 imp. hrs

Signature of Owner E. F. Parke

Date 12/16/63

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

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

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

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

23955

.W 3 Approved Stock Form—State Publishing Co., Helena, Montana—42262

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

TRIPLICATE County .....

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 .....

Owner ..... Address .....

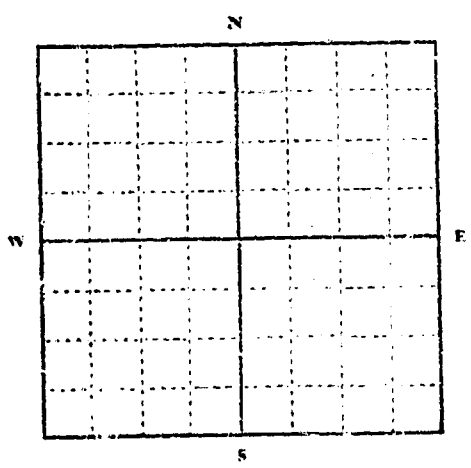
Contractor (if any) .....

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 .....

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 .....



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

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

Signature of Owner .....

Date .....

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.

56068

FILED FOR RECORD

June 29, 1973

at 29 minutes past 2:00 o'clock

P M.

Marie Morrison

County Recorder

By Margaret J Collins

Deputy

GW-

Approved Stock Form—State Publishing Co., Helena, Montana—41338

74

File No.....

T. 11N R. 15W

DUPLICATE

County GRANITE

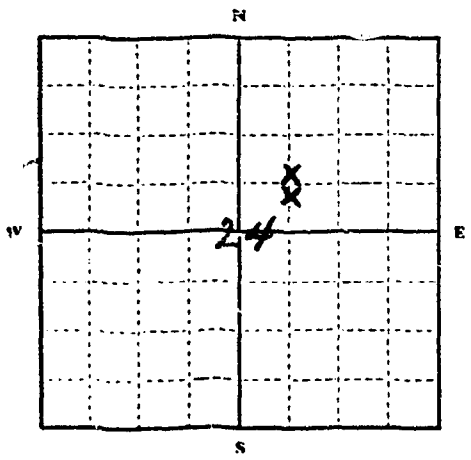
RECEIVED
JAN 6 1964
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. P.W. BARTHEL (Name of Appropriator) of CLINTON (Address) (Town)
County of GRANITE State of MONTANA
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW¼NE¼ Sec. 24 T11N R15W

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been NOT KNOWN

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater NOT KNOWN

8. The depth of water table 4 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 12 FT DUG WELLS

10. The estimated amount of groundwater withdrawn each year 880,000 GALS

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

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

Signature of Owner P.W. Barthell by Earl Martin

Date DEC. 31, 1963

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

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

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

24083

77629

FILED FOR RECORD

Dec 31, 1963

at 00 minutes past 1 o'clock

P M.

Agnes M. McDonald

County Clerk

By _____

Deputy

GW 3

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

24

File No. .....

T 11N R 15W

DUPLICATE

County GRANITE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater DEC. 31, 1963

Owner P.W. BARTHEL Address CLINTON, MONT

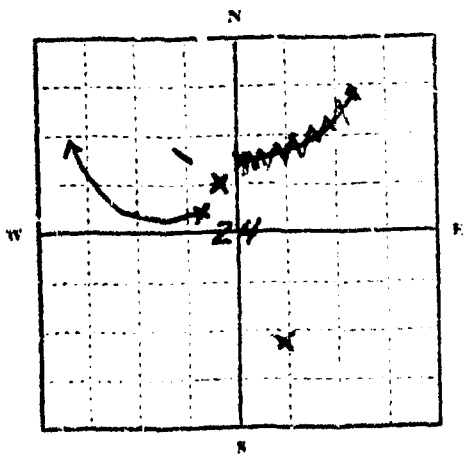
Contractor (if any) NOT KNOWN

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 NATURAL SPRINGS CLEANED AND DAMMED NATURAL SPRINGS WITH POND-SUMP WITH PUMP

Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent estimate approximate lengths of periods of use 15 INCHES ON SPRING FOR STOCK WATER 150 GAL PER MIN. FROM SUMP 10 ACRE POND



SE¼NW¼ Sec 24 T11N R15W

Indicate point of appropriation and place of use, if possible.
SW¼ SE¼ Sec 24 T11N R15W

Signature of Owner P. W. Barthel by Earl Montag

Date 12/31/63

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

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

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

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

24084

77630

FILED FOR RECORD

Dec 31 63

at 12 minutes past 1 o'clock P.M.

Augustin M. McDonald
County Recorder

By _____
Deputy

GW 3

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

24

File No.....

T 11N R 15W

DUPLICATE

County GRANITE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater DEC. 31, 1963

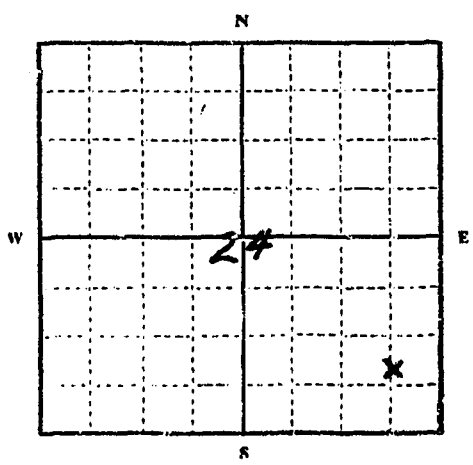
Owner FRANK C. HARRIS Address CLINTON, MONT.

Contractor (if any) NOT KNOWN

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. NATURAL SPRING PIPED FOR HOUSE AND STOCK WATER



SE ¼ SE ¼ Sec. 24 T 11N R 15W

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

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

10 INCHES
USED ALL YEAR

Signature of Owner Frank C. Harris

Date Dec. 31, 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.

24086

77632

FILED FOR RECORD

Dec 31 1963

at 06 minutes past 1 o'clock

P.M.

Agnes M McDonald

County Clerk

By _____ Deputy

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

2H 11N-15W

County Granite 2H

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 Don Redding

Address Clinton Mont

Date well started 9/13/72

completed 9/14/72

For Administrator's Use
File 89368
Nov. 21, 1972 1:55 pm.
GW 1

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

Equipment used air rotary (Churn drill, rotary or other) (Drawing above)

Water Use: Domestic ☐ Municipal ☐ Stock ☐ Irrigation ☒

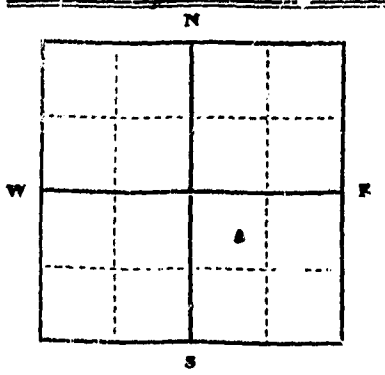
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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)
7 7/8	6" ID 6 5/8 OD .025 17# per ft.	18' above ground	27' below surface	cut slots 1/32"	0'	27'



N.W. ¼ S.E. ¼ Sec. 27
T 11 N R 15 E (N S) (W)

Static water level 4' ft.*
Pumping water level 25 ft.*
at 50 gallons per minute,
measured 60 minutes after pumping began.
*Measured from ground level.
Well developed by air
for 1 hours.
Power Diesel Pump 250 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) natural gravel
X.J.D.

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

Driller's Signature Howard Sander

Driller's Address Rt 1 - Box 1182

Hamilton, Mont LICENSE NO. 236

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	4	top soil
4	30	sand + gravel

30' Show exact depth of bottom

51,875

89368
Filed for Record
Nov. 21, 1972
at 55 minutes past 1:00 o'Clock P.M.
Marie Morrison - County Recorder
By Margaret J. Collins - Depty.

GROUNDWATER INDEX

County Granite Twp. 11 N Rge. 14 W

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
1	Nelson, Carl	2 W 3	77465	
14	Northern Pacific Railway Co	2 W 4	—	
15	Montana State Highway Dept	2 W 2	88847	
15	Montana State Highway Dept	2 W 2	88848	
19	Bearmouth Corp	2 W 2	89114	
19	Harris, Frank C.	2 W 3	77631	
19	Redding, Dax	2 W 2	89367	
24	Bearmouth Corp	2 W 2	89115	
32	Maier Maurice	2 W 3	87317	

77460

FILED FOR RECORD

Dec 26 1963

at 35 minutes past 2 o'clock

P M.

Agnes M McDonald

County Recorder

By _____

Deputy

GW 3

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

File No.....

T. 11N R. 14W

DUPLICATE

County GRANITE

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 DEC. 26, 1963

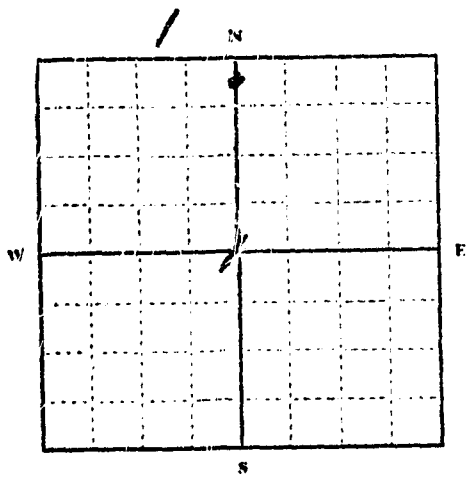
Owner CARL NELSON Address HALL, MONT.

Contractor (if any) NONE

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 NATURAL SPRING



NW¼NE¼ Sec. 1 T11N R14W

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

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

5 INCH – FILLS 1 IN. PIPE

Signature of Owner Carl Nelson

Date Dec 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.

23940

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

File No.....

T. 11N R. 14W

DUPLICATE

County Granite

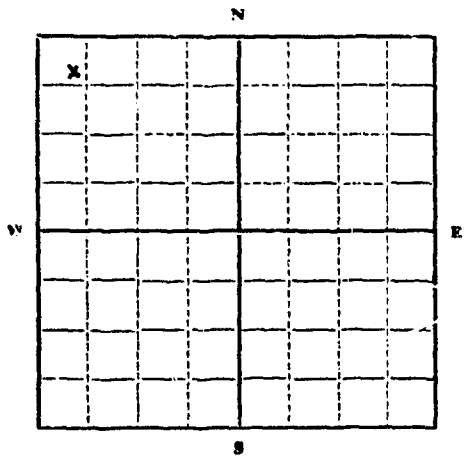
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 6 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Northern Pacific Railway Co., of Bearmouth
(Name of Appropriator) (Address) (Town)
County of Granite State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW ¼ NW Sec. 14 T. 11N R. 14W

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 purposes

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1907 to present

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
200 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
Jet pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
1907

8. The depth of water table 12 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Dug well 16 feet diameter by 20 feet deep

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
None available

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

Signature of Owner [signature]

Date NOV 8 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.

FILED FOR RECORD

May 4 19 63

at 10 minutes past 1 o'clock

P.M.

Agnes M. McDonald
County Recorder

By Arsel Nau
Deputy

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

County Granite 15

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 Montana State Highway Dept.

Address Helena, Montana

Eastbound Comfort Station
Bearmouth

Date well started 6-3-72

completed 6-4-72

For Administrator's Use
File 88847
August 8, 1972 1:08 p.m.
GW 1

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

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

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

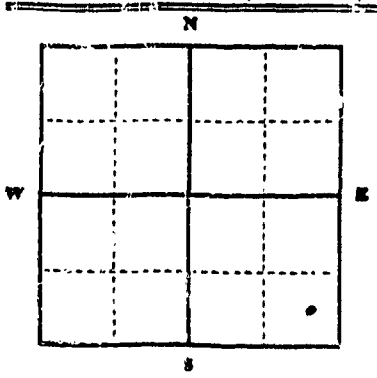
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 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"	6 5/8 18.97#	#18"	43	#50 slot stainless wall screen 5ft.	42	47



SE ¼ SE ¼ Sec. 15
T. 11 N R. 14 E/W

Static water level 7 ft.*
Pumping water level 14 ft.*
at 50 gallons per minute,
measured 4 hrs minutes after pumping began.
*Measured from ground level.
Well developed by surging & bailing
for 2 hours.
Power elec. Pump 1½ 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 Briggs Drilling Contractor

Driller's Address Box 1083, Milton, Montana 59725

Robert Briggs LICENSE NO. 143

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	gravel & sand
20	35	heaving sand
35	42	gravel, sand silt
42	47	gravel, sand (water)

47 Show exact depth of bottom

51,108

888847
FILED FOR RECORD
Aug. 8, 1972
at 08 minutes past 1:00 o'clock
P.M.

Marie Morrison
County Recorder

By Maude I. Echols
Deputy

Fee: Ex.

GW 2 (Revised 1969)
STATE PUBLISHING CO. HELENA

County Granite 15

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 Montana State Highway Dept.

Address Helena, Montana

West bound Comfort Station
Bearmouth

Date well started 5-11-72

completed 5-12-72

For Administrator's Use
File 88848
August 8, 1972 1:10 p.m.
GW 1

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

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

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

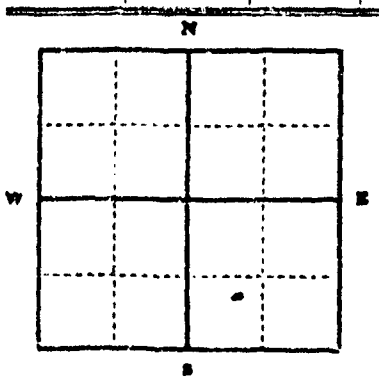
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 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"	6 5/8 18.97#	+2	49	stainless screen # 50 slot	49	53



SW¼ SE¼ Sec. 15
T. 11 N R. 14 E

Static water level 10 ft.*
Pumping water level 12 ft.*
at 90 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by surging & bailing
for 2 hours.
Power elec. Pump 1 1/2 HP
Remarks: (Gravel packing, cementing, packers, type of slot etc.)

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

Driller's Signature Briggs Drilling Contractor

Driller's Address Box 1083 Dillon, Montana 59725

Larry Hamner LICENSE NO. 138

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	8	topsoil & small boulders
8	16	silt & gravel
16	43	sand silt water
43	55	water sand(water)

55 Show exact depth of bottom

51109