35-3

213779

Copy

I received and filed this instrument for record on the 4 day of Dec 1962 at 1:00 o'clock P M., permanent files of Missoula County, State of Montana

Witness my hand:
MARTIN S. BEHNER, County Recorder
By [signature] Deputy
Fee $ 4.00 Paid

STATE DOCUMENT REGISTER

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

File No. 7

T. 13 N R. 19 W

DUPLICATE

County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1968
STATE ENGINEER

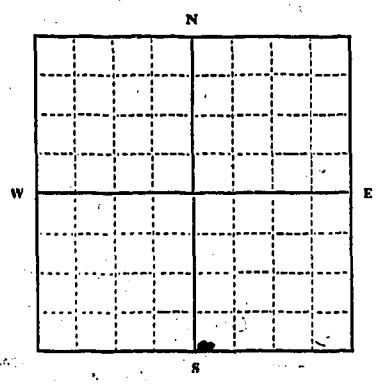
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Jewell Ferguson Arvin D. Ferguson, of 334 E. Broadway Missoula
(Name of Appropriator) (Address) (Town.)

County of Missoula State of Montana

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



SW 1/4 SE Sec. 11 T. 13 R. 19

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 Drinking laundry Bathing and irrigation for Royal Manor Nursing Home (50 patients)

3. Date or approximate date of earliest beneficial use; and how continuous the use has been October, 1956 - the use has been continuous since that date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 40 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 Four large lots adjoining each other Lots 1, 2, 3 and 4, Block 7, Montvista addition to Missoula A.D. Ferguson and Jewell Ferguson

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Pump (Jet) located on lot 1

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Well was started and completed in October, 1956

8. The depth of water table 25 feet of water in well

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Well is 65 ft. deep - drilled - Casing - 6 inch Pipe Jet pump.

10. The estimated amount of groundwater withdrawn each year 80 million gallons

11. The log of formations encountered in the drilling of each well if available First 43 feet was gravel the about 10 ft of clay then another layer of 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 Unknown

Signature of Owner A.D. Ferguson Jewell Ferguson

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.

20027

950 2/54 23

I received and filed this instrument for record on the 21 day of Dec 19 67 at 1:00 o'clock P.M., permanent files of Missoula County, State of Montana

Witness my hand:
MARION S. BEHNER, County Recorder
By Marie J. Burns Deputy
Fee $ none Paid

V 3

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

11

File No.....

T. 13 N R. 19 W

County Missoula

DUPLICATE

RECEIVED JUL 17 1963 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1940

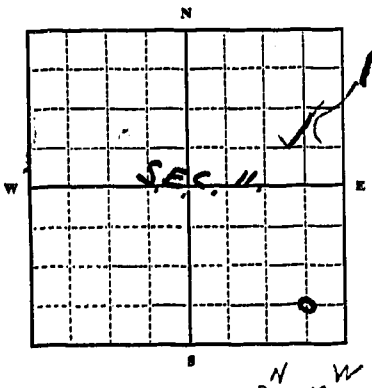
Owner A. J. Klapinyk Address 3004 Drayton

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 This is a spring



¼ Sec. 11 T. 13 N R. 19 W

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 Spring flows continuously

Signature of Owner A. J. Klapinyk

Date 2-10-63

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.

5044.

#23

208278

I received and filed this instrument for record on the 11 day of July 19 63 at 3:46 o'clock P M., permanent files of Missoula County, State of Montana

Witness my hand:
MARTIN S. BEHNER, County Recorder
By Dorothy Hood Deputy
Fee $ 2.00 Paid

Helena Independent Record

File No.....

DUPLICATE

T. 13 N R. 19 W

County Missoula

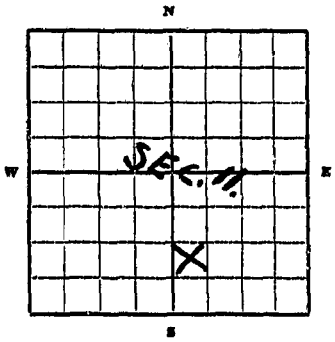
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 17 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. A. J. Klegerek (Name of Appropriator), of 3004 Brayton (Address) Missoula (Town)
County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



.....¼..... Sec. 11 T. 13 N R. 19 W

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

2. The beneficial use on which the claim is based Domestic Stock Lawn watering & irrigation

3. Date or approximate date of earliest beneficial use, and how continuous the use has been 1940 Continuous use since

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof Garden Apart & Lawn
Approx 100' x 200'

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump N.W. Quarter of S.W. Quarter of N.E. Quarter of Sec. 11

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Spring of 1940

8. The depth of water table estimate 20'

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" 79 ft deep

10. The estimated amount of groundwater withdrawn each year Unknown

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

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

Signature of Owner A. J. Klegerek

Date 7-16-63

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.

5042

#21

208276

I received and filed this instrument for record on the 11 day of July 1963 at 3:25 o'clock P M., permanent files of Missoula County, State of Montana

Witness my hand:
MARTIN S. BEHNER, County Recorder
By Lizzie Sherman Deputy
Fee $ 2.00 Paid

STATE EXAMINER

4—Helena Independent Record

File No.

DUPLICATE

T. 13 N R. 19 W

County Missoula

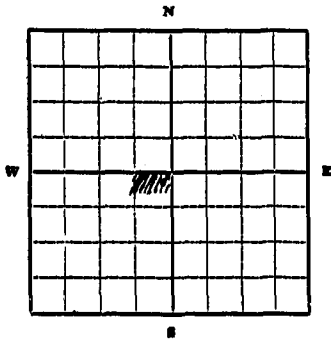
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Ray E. Nelson (Name of Appropriator), of Rt. # 4 Missoula (Address) (Town)
County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ SW ¼ Sec. 11 T. 13 R. 19

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 9 Acres - Lawn, Garden & Hay

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

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 9 ACRES - IN Garden, Hay & LAWN

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Myers Pump 3/4 H.P

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

8. The depth of water table 24' - BF 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 Drilled Well 6" 78' From G.L.

10. The estimated amount of groundwater withdrawn each year For House - 9 Acres

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

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

Driller — Glenn Camp
705 Alder, Missoula
Licence # 7

Signature of Owner Ray E. Nelson

Date Dec 23, 1962

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

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

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

20064

922

215395

Copy

I received and filed this instrument for record on the 31 day of Dec 1973 at 11:36 o'clock A M., permanent files of Missoula County, State of Montana

Witness my hand

MARTIN G. BRAUER County Recorder

By M. L. Behner Deputy

Fee $ 3.00 Paid

GW 2

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

File No.

STATE WATER CONSERVATION BOARD

JAN 26 1967

T. 13 R. 19

DUPLICATE

County Missoula

Bitterroot
Butte
Coyle
Darlington
Dickert

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner RATTLESNAKE MISSION CHURCH % AMERICAN HOMES INC. Address ROUTE # 1, BILLINGS MONTANA

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

Date of Notice of appropriation of groundwater

Date well started SEPT. 3, 66 Date completed SEPT. 13, 66

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. ¼" side wall	ground level	84'6"			

Static Water Level for non-flowing well 42 feet.

Shut-in Pressure for Flowing Well

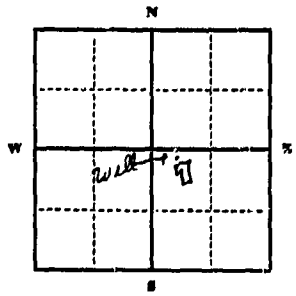
Pumping Water Level 82 feet at 21 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested submersible test pump

Length of Test 2 ½ hrs.

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



SE ¼ Sec. 11 T. 13N R. 19W.

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

(Continue on reverse side)

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

LOG

Top of Ground

(Elev. above sea level)

0	tan clay, sand, gravel and boulders
44	
44	water, sand, gravel and boulders
51	
51	tan clay, sand, gravel and boulders
62	
62	sand, gravel, boulders and water
84'6"	
84'6"	tan clay, sand, gravel & boulders
75'6"	
75'6"	sand, gravel, water and boulders
84'6"	

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.

151
Driller's License Number

Kenneth S. Williams
Driller's Signature.

41677

Montana District Lutheran
Church – Missouri Synod
Rev. Robert P. Rahn

I received and filed this Instrument for record on the 24 day of Jan 1967 at 2:00 o'clock P.M. in the office of the County Clerk and Recorder of Missoula County, State of Montana.
Witness my hand.
Vergie H. Crowe, County Recorder
By Alma Zey Deputy
Fee $ 3.00 Paid

25743-2

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

File No.....

T 13 N R 19 W

DUPLICATE

County Missoula

RECEIVED JUL 17 1963 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1940

Owner A. J. Klapwyk Address 3004 Brayton

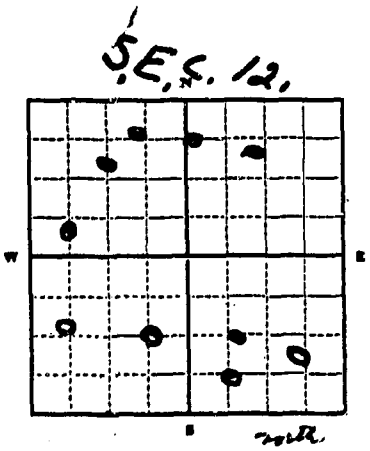
Contractor (if any) none

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

These are springs



¼ Sec 12 T 13 R 19 W

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. Springs flow continuously

Signature of Owner A. J. Klapwyk

Date July 10 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.

5043

#212

208277

I received and filed this document for record on the 12th day of July 1962 at 3:30 o'clock P.M. in the Office of Missoula County, State of Montana.

Witness my hand:

MARTIN S. BEHNER, County Recorder

By Diane Sleeman Deputy

Fee $ 2.00 Paid

W 2

Approved Stock Form—State Publishing Co., Helena, Montana—42329

File No.....

STATE WATER CONSERVATION BOARD

MAR 14 1967

T. 17 N R. 19 W

County Missoula

DUPLICATE

Bills..... McDermott..... Butte-In..... Meth..... Coyle..... Morton..... Darlington..... Sullivan..... Dickert.....

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.....)

0 to 59' Gray clay, gravel & boulders
59' to 63' Tan clay, gravel & boulders
63' to 86' Clay & Gravel
86' to 87' Gravel, boulder & water
87' to 97' Gravel & water
97' to 99' Gravel & water
99' to 103' Blue clay & small gravel
103' to 123' Tight purple clay & gravel
123' to 137' Fractured rock & clay
137' to 151' Mult, colered rock. Stopped at 151'
Perforated from 88' to 97'

Show exact depth of bottom.

Well by Bonniville Power Line

Owner Montana Power Address Missoula

Driller Glenn Camp 705 Alder Address Missoula

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

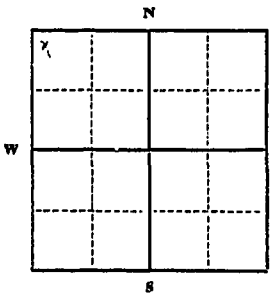
Date well started 11/3/65 Date completed 12/22/65

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
12"	12" I.D. 47# to ft.	2'-6" above G.L.	to 104'	Mills knife	88	97
		6"			8 holes to ft total 72 holes	



N.W.1/4 Sec. 12 T. 17 N R. 19 W

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

Static Water Level for non-flowing well 75 feet.

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

Pumping Water Level 86 feet at 150 gal. per minute.

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

How Tested test pump

Length of Test 4 hours

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

Back filled open hole in bottom, and poured 2' plug in shoe.

(Continue on reverse side)

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

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

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

licence # 7
Driller's License Number

Glenn Camp
Driller's Signature

THE MONTANA POWER CO.
By Wm Talbott, Vice Pres.
40 E. Broadway, Butte, Mont.,
OWNER

41799

258791

I received and filed this Instrument for record on the 10 day of March 1967 at 1:04 o' lock P M., permanent files of Missoula County, State of Montana

Witness my hand:

Veranne R. Crouse, County Recorder

By M. McGonagley, Deputy

Fee $2.00 Paid

G\

Approved Stock Form—State Publishing Co., Helena, Montana—42234 12

File No.....

T. 13 N R. 19W

DUPLICATE

County Missoula

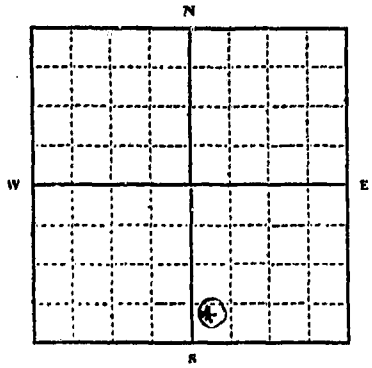
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 3 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Burley H. & Dorris F. Reeves, of 805 Gary Drive Missoula
(Name of Appropriator) (Address) (Town)
County of Missoula State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW SE
¼ Sec. 12 T. 13N R. 19W

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been May, 1955 and used continually to this date.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) approximately 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 Lawn and garden, approx. ½ acre and owned by above.

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Electric pump in well located against the foundation of house (south side)

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

8. The depth of water table Twenty to sixty feet. (3rd water table)

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Approx. 69 feet, Drilled and 6 in. steel casing, water pumped by deep well pump.

10. The estimated amount of groundwater withdrawn each year approx. 38,000 gallons

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

12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record a concrete well house built to four feet below ground level contains the elctric pump

Signature of Owner Burley H. Reeves
Dorris F. Reeves

Date Dec. 27, 1963

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

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

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

19984

784 215192

I received and filed this instrument for record on the 20 day of Dec 1963 at 2 o'clock 1 M., permanent files of Missoula County, State of Montana

Witness my hand

MARION S. DALTHER County Recorder

By Mat J Fell Deputy

Fee $ 2.00 Paid

GW 2

STATE WATER CONSERVATION BOARD — Approved Stock Form — Independent Publishing Co., Helena, Montana—43642

File No.....

DEC 30 1966

T. 13N R. 19W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Elva H. &/or Robert C. Runke Address Missoula, Montana

Driller Liberty Drilling Co. Address Missoula, Montana

Date of Notice of appropriation of groundwater None filed

Date well started 2/19/64 Date completed 5/19/66

Type of well Drilled (Dug, driven, bored or drilled) Equipment used Cable Tools & Air 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)
6"	6 5/8" OD x ¼"	+1	332'11"	NONE		

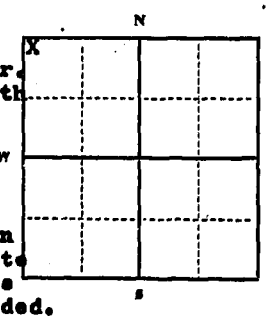
Formations Log:

0 -	6	Dirt.
6 -	55	Boulders & broken rock mixed in tan clay.
55 -	73	Tan silty clay with gravel, cobblestones & boulders imbedded.
73 -	84	Brown & gray clay in thin alternate layers with some gravel imbedded.
84 -	93	Gray clay with gravel and boulders imbedded.
93 -	116	Lavender to gray clay with gravel & cobblestones imbedded.
116 -	144	Gray clay with gravel & cobblestone imbedded.
144 -	144	Thin gravel seam with seep of water.
144 -	149	Gray clay with gravel and cobblestones imbedded.
149 -	171	Dark brown clay & tan silty clay in thin alternate layers. Some gravel imbedded.
171 -	178	Gray clay with some gravel imbedded.
178 -	188	Tan clay with gravel & cobblestones imbedded.
188 -	197	Dirty brown clay with gravel imbedded.
197 -	203	Gray & brown clay in thin cont'd

Top of Ground (Elev. above sea level Approx. 3430')

Show exact depth of bottom.

Bottom of hole 1145'



NW¼ Sec. 12 T. 13N R. 19W

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

Static Water Level for non-flowing well 65 feet.

Shut-in Pressure for Flowing Well Non-f

Pumping Water Level 495' feet at 6 gal. per minute.

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

How Tested Pump Test

Length of Test 24 hour

Remarks: (Gravel packing, cementing, packers, type of shutoff) All water is entering well from cracks & seams in the rock below 431 feet

(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).

5 acres

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.

52
Driller's License Number

William F. Oslund
Driller's Signature.

41587

cont'd:

	alternate layers. Some gravel imbedded.
203 - 217	Gray clay with gravel imbedded.
217 - 228	Black mud with gravel and broken rock imbedded.
228 - 239	Gray clay with gravel imbedded.
239 - 246	Brown clay with gravel imbedded.
246 - 254	Black to dark gray clay with gravel imbedded.
254 - 289	Lavender to gray clay with gravel imbedded.
289 - 301	Gray clay with gravel imbedded.
301 - 306	Green clay with some gravel and broken rock imbedded.
306 - 332	Tan clay with gravel and broken rock imbedded.
332 - 350	Solid rock. Gray and green argillite.
350 - 372	Gray and green argillite in alternate layers.
372 - 431	Gray argillite.
431 - 453	Tan argillite. Seeps of water in cracks and seams.
453 - 514	Tan and green argillite in thin alternate layers.
514 - 561	Green argillite. Seeps of water in cracks and seams.
561 - 583	Gray and green argillite in thin alternate layers.
583 - 608	Gray and brown argillite in thin alternate layers. Seeps of water in cracks and seams.
608 - 1145	Gray argillite. Seeps of water in cracks and seams.

Water Log:

Well produced six gallons per minute of clear sand free water on a twenty four hour test with a total lift of 440 feet. Static water level at completion of well was 65 feet from surface. All water is entering well from cracks and seams in the rock below 431 feet.

256,759

167

File No.....

DUPLICATE

Approved Stock Form—State Publishing Co., Helena, Montana—40472

T. 13 N R. 19 W

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 3 1963 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.....)

Owner C. C. Barrett Address RT. 4 EAST MSLA.

Driller MOWBRAY Address.....

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

Date well started SEPT 1945 Date Completed SEPT 1945

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
[illegible]	4" inside 4 1/2" outside [illegible]	[illegible]	32 [illegible] water [illegible]			

ground level

N

W E

SE 1/4 SE Sec. 13 T. 13 R. 19

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

Show exact depth of bottom.

water level

Static Water Level for non-flowing Well 10 feet [illegible] feet.

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

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

Discharge in gal. per min. of flowing well 50

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).....

Driller's License Number

C. C. Barrett
~~Driller~~ Owner'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.

20197

077

215552.

I received and filed this instrument for record on the 31 day of Dec 19 63 at 4:33 o'clock PM., permanent files of Missoula County, State of Montana

Witness my hand.
MARTIN S. BRUNER, County Recorder

By Effie Lamu Deputy

Fee $ 3.00 Paid

GW 2

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

File No.....

DUPLICATE

T. 13N R. 19W

County Missoula

RECEIVED JUL 19 1963 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

0 to 16' Pit

16' to 30' Sand & Gravel

30' to 42' Water ,sand & gravel

42' to 43' Clay bound gravel

43' to 56' Loose gravel & water

56½' Bottom heavy gravel

Owner Robert Deschamps Jr. Address Marshall Grade Missoula

Driller Glenn Camp 7054 Alder Address Missoula

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

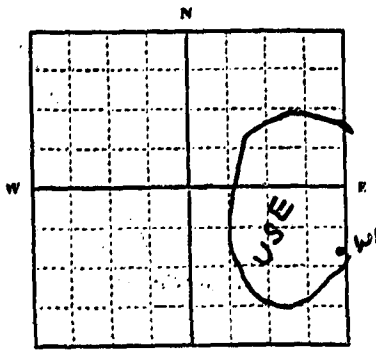
Date well started 6/25/63 Date Completed 6/29/63

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
10"	10" I.D. 32 lbs to the foot	1½' above bottom of pit to 56'-6" Total pipe 41'		Mills Knife	44' 8" apart 8 around	54'



NE¼ SE¼ Sec. 13 T. 13 R. 19

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

Show exact depth of bottom.

Static Water Level for non-flowing Well 16' from G.L. feet.

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

Pumping Water Level 18 feet at 500 gal. per minute.

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

How Tested Bailer Length of Test Surged & sand pumped 5 hrs

Remarks: (Gravel packing, cementing, packers, type of shutoff, location of place of use of groundwater if not at well, and any other similar pertinent information, including number of acres irrigated, if used for irrigation) 80 acres

License # 7
Driller's License Number

Glenn Camp
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.

5085

216 Copy 208478

I received and filed this instrument for record on the No. 16 day of July 20
at 3:05 o'clock A.M., permanent files of Missoula County, State of Montana
Witness my hand:
MARTIN E. BEHNKE, County Recorder
By Lyman Stevenson Deputy
Fee $ Paid

-W 3

Approved Stock Form—State Publishing Co., Helena, Montana—43199

13

File No.....

T. 13 N R. 19 W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater unknown ~~December 24, 1963~~

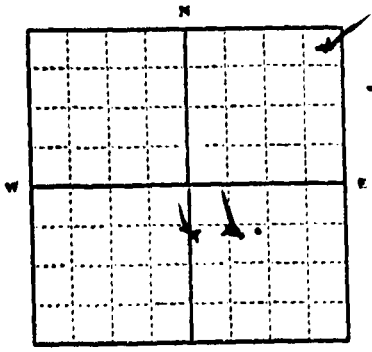
Owner Robert L Dawlanger Jr Address RFD 4

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 Artesian - Piped to troughs



NE¼ NE¼ NW¼ SE¼ Sec. 13 T. 13 R. 19

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

Entire output also year round - STOCK WATER. 20 MINERS INCHES

Signature of Owner Robert L Dawlanger Jr.

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.

15178

-516 214879

Copy

I received and filed this instrument for record on the 26 day of Dec 19 67 at 11:04 o'clock A.M., permanent files of Missoula County, State of Montana

Witness my hand:

MARTIN S. BEHNKE, County Recorder

By M. Martin S. Behnke

Fee $ 2.00 Paid

GW 3

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

13

File No. MONTANA WATER RESOURCES BOARD RECEIVED AUG 6 1969

DUPLICATE

T. 13 R. 19

County Missoula

STATE OF MONTANA

~~ADMINISTRATOR~~ OF GROUNDWATER CODE

~~OFFICE OF~~ STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

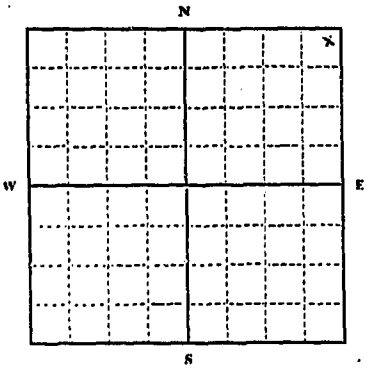
Date of Appropriation of Groundwater August 1, 1969

Owner Robert L. Deschamps III Address 11 Parsons Drive

Contractor (if any) not applicable

Address of Contractor --

Date Started -- Date Completed --



NE¼/NE¼ Sec. 13 T. 13 R. 19

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

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

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

3) Depth of water table surface

4) Use of the water livestock water

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

6) If used for irrigation, give number of acres and description of land not applicable

7) Estimate amount of water used each year 360 miner's inches

Signature of Owner Robert L. Deschamps III

Date Aug. 1, 1969

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.

H5505

F. 1925 283553

I received and filed this Instrument for record on the 1st day of Aug 1969 at 3:10 o'clock P.M., permanent files of Missoula County, State of Montana

Witness my hand.

Vernon R. Crouse, County Recorder

By [illegible], Deputy

Fee $ 7.00 Paid

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

Recently a copy of a groundwater appropriation form,

__ GW 1, Notice of Appropriation of Groundwater

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

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

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

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

This form is identified by

Owner Robert L. Deschamps III

Address 11 Parsons Drive Missoula, Montana

Location T. 13N., R. 19W., Sec. 13

Document No. 283553

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

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

Please indicate the dates of commencement and completion of spring.

__ Other.

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

GW 3

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

File No. MONTANA WATER RESOURCES BOARD RECEIVED

DUPLICATE

T. 13 R. 19

County Missoula

AUG 6 1969

STATE OF MONTANA

~~ADMINISTRATOR~~ OF GROUNDWATER CODE

~~OFFICE OF~~ STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

MONTANA WATER RESOURCES BOARD
RECEIVED
SEP 19 1969

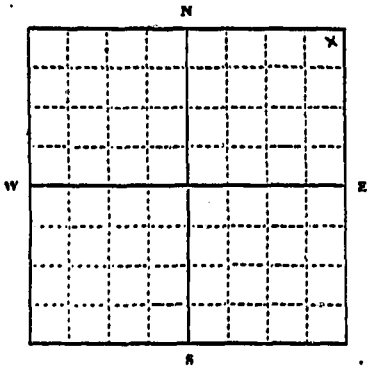
Date of Appropriation of Groundwater August 1, 1969

Owner Robert L. Deschamps III Address 11 Parsons Drive

Contractor (if any) not applicable

Address of Contractor --

Date Started Aug. 1, 1969 Date Completed Aug. 1, 1969



NE ¼ NE ¼ Sec. 13 T. 13 R. 19

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

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

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

3) Depth of water table surface

4) Use of the water livestock water

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

6) If used for irrigation, give number of acres and description of land not applicable

7) Estimate amount of water used each year 360 miners inches

Signature of Owner Robert L. Deschamps, III

Date Aug. 1, 1969

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.

A5505

GW

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

13

File No.

T. 13 R. 19W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

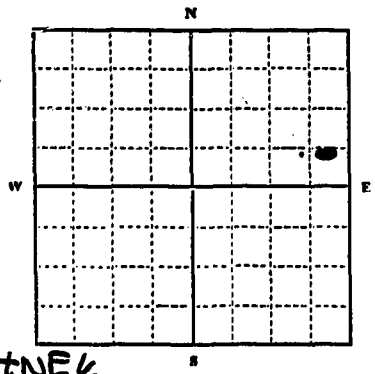
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert L. Deschamps, Jr., of RH #4 Missoula
(Name of Appropriator) (Address) (Town)

County of Missoula State of Montana

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



Pt NE 1/4 SE 1/4 Sec. 13 T. 13 R. 19W

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 — Stock Water - Irrigation

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 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 60 acres - pt NE 1/4 - & SE 1/4 Sec 13 - T 13 - R 19W —

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

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

8. The depth of water table 27 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 in —

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

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

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

Signature of Owner Robert L. Deschamps, Jr.

Date Dec 23, 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.

12310

490

214737

I received and filed this instrument for record on the 23 day of Dec. 1963 at 2:50 o'clock P. M., permanent files of Missoula County, State of Montana

Witness my hand:

MARTIN S. BEHMER, County Recorder

By Martin S. Behmer Deputy

Fee $ 7.00 Paid

GW.

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

File No.

DUPLICATE

T. 13 N R. 19 W

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

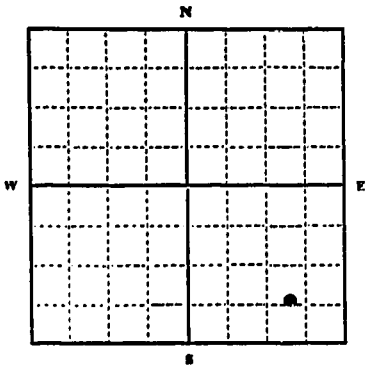
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Robert L. Deschamps, Jr., of Rt #4 Missoula
(Name of Appropriator) (Address) (Town)

County of Missoula 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 Domestic

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) – 500 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

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

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

8. The depth of water table 17 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 in wood – hand dug –

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

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

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

Signature of Owner Robert L. Deschamps, Jr.

Date Dec 23, 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.

12309

489

21,736

I received and filed this instrument for record on the 23 day of Dec., 1963 at 2:45 o'clock P. M., permanent files of Missoula County, State of Montana

Witness my hand:
MARTIN E. BEHNER, County Recorder
By Martin E. Behner Deputy
Fee $ 3.00 Paid

Book 200 Page 489

GW

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

File No.....

T 13 N R 19 W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

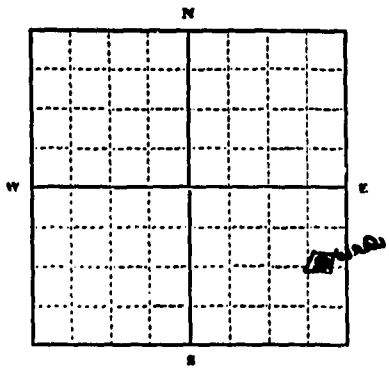
RECEIVED
DEC 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert L. Deschamps, Jr. of Rt #4 Missoula
(Name of Appropriator) (Address) (Town)

County of Missoula 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 Domestic - Stock water - Irrigation

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 500 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 in SE ¼ Sec 13 - T 13 - R 19 W.

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

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

8. The depth of water table 25 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 in - 50 ft -

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

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

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

Signature of Owner Robert L. Deschamps Jr
Date Rt #4 Dec 23, 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.

12308

488

214735

I received and filed this instrument for record on the 23 day of Dec 1965 at 2:40 o'clock P.M., permanent files of Missoula County, State of Montana

Witness my hand

MARTIN E. BRINER, County Recorder

By [illegible] Deputy

Fee $ [illegible] Paid

OW.

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

File No.

T. 13 N R. 19 W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 3 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

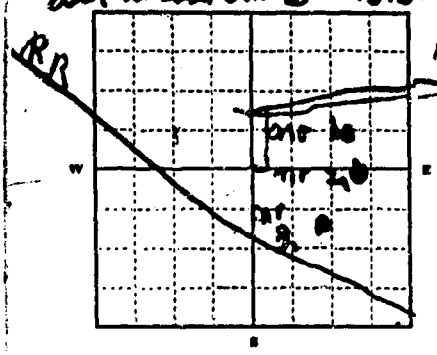
(Under Chapter 237, Montana Session Laws, 1961)

1. William M. Hendricks of RR 2 Missoula
(Name of Appropriator) (Address) (Town)

County of Missoula State of Montana

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

all wells on Sec 13. East half.



____ 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 House, Stock, garden, & irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been purchased place March 1951

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

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Wells were on place when I bought land March 1951

8. The depth of water table Dont know

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Dont know
No 1 is a drilled well 60 ft. 20 ft. cast.
No 2 dug well 15 ft. No 3 dug well Dont know

10. The estimated amount of groundwater withdrawn each year

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

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 Dont know

Signature of Owner Wm. Hendricks

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

20403

1284

Copy

I received and filed this instrument for record on the 5th day of Dec. 1963 at 4:00 o'clock P.M., permanent files of Missoula County, State of Montana

Witness my hand:

County Recorder

By Martha J. Bohrer Deputy

Fee $ 7.00 Paid

GW 2 Revised 1969
13—3M—10/69

RECEIVED

MAR 2 1972

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Missoula 13

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 D. Hoy

Address Rte. 4 Kendall grade

Missoula, Mont.

Date well started 4/4/70

completed 4/7/70

For Administrator's Use
File #2238, 313166
Feb. 25, 1972 9:35 a.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 ☐

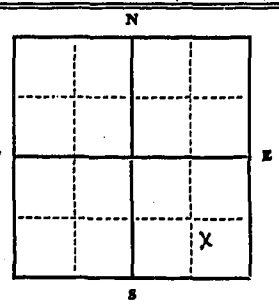
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8 inch	5 in. I.D. 14.02 per ft.	0	42	none		



SE ¼ SE ¼ Sec. 13
T. 13 N/S R. 19 E/W

Static water level 7 ft. of top ft.*
Pumping water level 12 ft. of top ft.*
at 80 gallons per minute,
measured 5 minutes after pumping began.
*Measured from ground level.
Well developed by compressor
for 3½ 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 3604 So. Ave.

Missoula, Mont. LICENSE NO. 72

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) 3223

From (Feet)	To (Feet)	
0	3½	top soil
3½	10	course gravel
10	20	gravel & some water
20	30	red clay no water
30	38	sand & water
38	42	gravel & water

42 Show exact depth of bottom

49,958

#2238

313166

I received and filed this instrument for record on the 25 day of Feb 1972 at 9:35 o'clock A.M. and recorded in Book ... of Missoula County, State of Montana

Witness my hand

Vernon R. Greene, County Recorder

By Diane Duckett Deputy

Fee $3.00 Check Paid

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
MAR 2 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Lewis 13

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 D. Hoy

Address Rte. 4 Marshall Grade
Missoula, Mont.

Date well started 4/1/70
completed 4/8/70

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 ☐

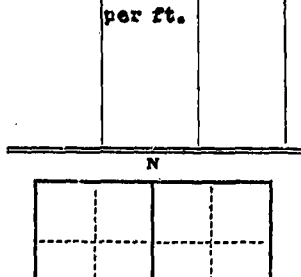
*Describe

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

For Administrator's Use
File #2232, 313165
Feb. 25, 1972 9:30 am
GW 1

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Mfd Wire	From (Feet)	To (Feet)
5 inch	5 in I.D. 14.02 per ft.	0	42	none		



SE ¼ SE ¼ Sec. 13
T. 13 N R. 19 E
S W

Static water level 7 ft. of top ft.*
Pumping water level 12 ft. of top ft.*
at gallons per minute,
measured minutes after pumping began.
*Measured from ground level.
Well developed by compressor
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 3624 No. Ave.
Missoula, Mont.

LICENSE NO. 71

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) 3,[illegible]

From (Feet)	To (Feet)	
0	3[illegible]	top soil
3[illegible]	1[illegible]	coarse gravel
10	20	gravel & some water
20	30	red clay no water
30	35	sand & water
35	42	gravel & water

42 Show exact depth of bottom

49,957

#2727

313165

I received and filed this instrument for record on the 25 day of Feb 1977 at 9:30 o'clock A. M. permanent files of Missoula County State of Montana

Witness my hand

Vernon A. Cross, County Recorder

By Marie Gurkelle Deputy

Fee $2.00 Cash Paid

GW:

STATE WATER CONSERVATION BOARD

Approved Stock Form—State Publishing Co., Helena, Montana—42329

File No. .....

AUG 23 1966

T. 13 R. 19 W

DUPLICATE

LOG

County Missoula

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	tan clay, sand, gravel and boulders
16	
16	surface water, sand, gravel and boulders
18	
18	tan clay, sand, and gravel, and boulders
23	
23	tan clay, sand and gravel
34	
34	gray clay with gravel imbedded
52	
52	water in blue and grey shale
53'6"	

Show exact depth of bottom.

Owner MO. E. JOHNSON Address 3717 COTTAGE DR.

Driller KEN WILLIAMS Address 1219 HOWELL ST.

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

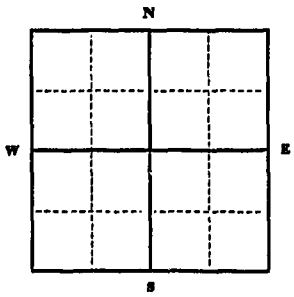
Date well started MAY 11, 66 Date completed MAY 18, 66

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. 19lbs. per ft. 1/4" side wall	ground level	53'6"			



Static Water Level for non-flowing well 18'6" feet.

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

Pumping Water Level 45 ft. feet at 2½ gal. per minute.

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

How Tested bail test

Length of Test 4 hours

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

Lot 14 NE¼SW¼ Sec. 13 T. 19 R.....

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

.....(Continue on reverse side)

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

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

41,328

1641

253173

I received and filed this Instrument for record on the 19 day of Aug. 1966 at 2 00 o'clock P.M., permanent files of Missoula County, State of Montana

Witness my hand:

Veramae R. Cigusa, County Recorder

By M. M. Conway Deputy

Fee $2.00 Paid

V 3

Approved Stock Form—State Publishing Co., Helena, Montana—39069

13

File No.....

T. 13 N R. 19 W

DUPLICATE

County Missoula

S.W. 7

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JUL 17 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1940

Owner A. J. KLAPWYK Address 3004 Drayton

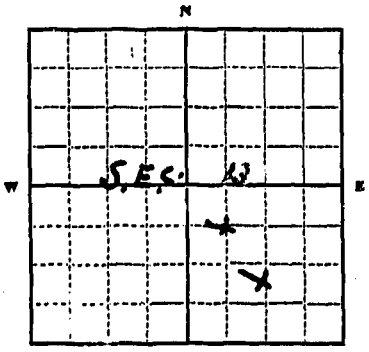
Contractor (if any) None

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.

These are springs



.....¼..... Sec. 3 T. 13 R. 19 N W

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. Springs flow continuously

Signature of Owner A. J. Klapwyk

Date 7-10-63

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.

5041

#210

208275

I received and filed this instrument for record on the 11 day of July 1963 at 3:20 o'clock P M., permanent files of Missoula County, State of Montana

Witness my hand

MARTIN S. BEHNER, County Recorder

By Dorothy Head Deputy

Fee $ 2.00 Paid

G

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

File No.....

T. 13 N R. 19 W 13

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 3 1964 STATE ENGINEER

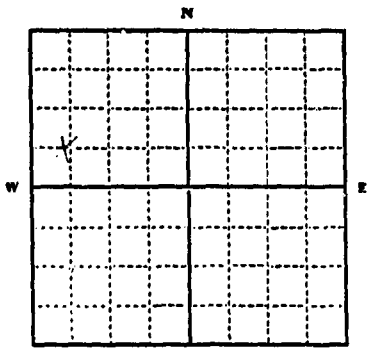
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. A. E. Martinsen (Name of Appropriator), of 223 N. Davis St. (Address) Missoula (Town)

County of Missoula State of Montana

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



SW, NW Quarter T. 13 R. 19
Lot 37, Cobban-Dinsmore Addition
.....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 Residential and irrigation.

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3,000 per hour.

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
Acres under irrigation - 10 acres pasture land.
owned by Appropriator.

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 1957

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
Drilled well - 5" casing - 60 feet depth.

10. The estimated amount of groundwater withdrawn each year 37,500,000 gal. per year.

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

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

Signature of Owner A. E. Martinsen

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.

19954

215162

I received and filed this instrument for record on the 7th day of Dec 1967 at 1:19 o'clock P M., permanent files of Ritzville County, State of Montana

Witness my hand:

MARTIN S. BEHNER, County Recorder

By [signature] Deputy

Fee $ 2.00 Paid

GW 2 Revised 1969
STATE PUBLISHING COMPANY

MONTANA WATER RESOURCES BOARD
RECEIVED
AUG 26 1971

County Missoula 13

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 Carroll A. Shannon

Address Missoula, Mt. 59801

Date well started June 1971

completed June 1971

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

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

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

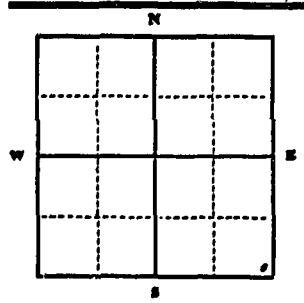
*Describe

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	306714
	August 30, 1971 12:00 Pm
GW 1	

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6" i.d.	.250 x 6" i.d.	0	38	Does Not Apply		



NE ¼ SE ¼ Sec. 13
T. 13 N R. 19 W

Static water level 20 ft.*
Pumping water level 20 ft.*
at 20 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by Bail + Pump
for 3 hours.
Power 110 Pump 1 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 Eugene G. Kane

Driller's Address St. Regis, Mont. 59866

LICENSE NO. 23

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	Sandy Soil
4	30	Gravel + Sand Mixed with Clay
30	38	Gravel, Sand + Water

38 Show exact depth of bottom

48939

2171 306714

I received and filed this Instrument for record on the 20 day of August 1971 at 12:00 o'clock P M., permanent files of Missoula County, State of Montana

Witness my hand

Veronica R. Crouse, County Recorder

By Linda D. Johnson Deputy

Fee $2.00 Paid

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
APR 20 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES

County Missoula 14

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 Eldon Baker

Address 205 Imperial Way
Missoula, Montana 59801

Date well started April 4, 1972

completed April 6, 1972

For Administrator's Use
File #2262 - 315361
April 17, 1972 3:50 p.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 ☐

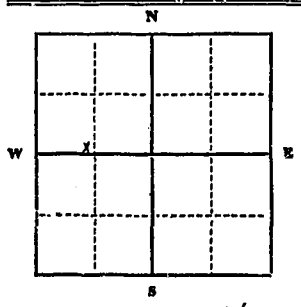
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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"I.D.	6"I.D. 17 lb per ft.	1' above g.l.	98'		none	



NW¼SE¼ Sec. 14
T. 13 N/S R. 19 E/W

Static water level 79 ft.*
Pumping water level 82 ft.*
at 30 gallons per minute,
measured 1 minutes after pumping began.
*Measured from ground level.
Well developed by test pump
for 1 hours.
Power Elec Pump 1½ HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
Bailer tested 2 hrs @ 25 gpm

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

Driller's Signature Glenn Camp
CAMP WELL DRILLING & PUMP SUPPLY

Driller's Address 1522 S. 14th W. Missoula, Montana 59801

LICENSE NO. 7

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	1	Black Dirt & Gravel
1	12	Clay, Gravel & Cobble-Stones
12	84	Clay & Gravel
84	87	Clay, Gravel & Seep of Water
87	93	Clay, Gravel & Water
93	96	Boulder
96	98	Clay, Gravel & Water

98'2" Show exact depth of bottom

50,233

#2262 315361

I received and filed this instrument for record on the 17 day of Apr 1972 at 3:50 o'clock P. M. and recorded in Book ___ of Mineral County, State of Montana

Witness my hand

Veramae R. Crouse, County Recorder

By Marie Kuehnle, Deputy

Fee $2.00 Cash Paid

GW

Approved Stock Form—State Publishing Co., Helena, Montana—42234 14

File No.....

T. 13 N. R. 19 W.

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

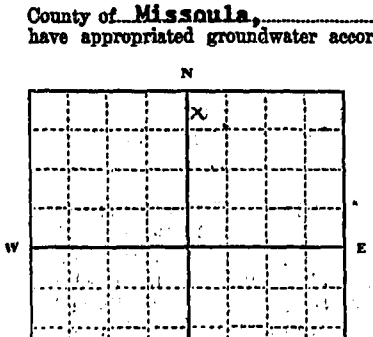
RECEIVED JAN 3 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. RAY BINGHAM, of 2728 Brayton, Missoula,
(Name of Appropriator) (Address) (Town)

County of Missoula, 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 Domestic and irrigation.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1897. In continuous use since that time.

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

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 A tract of land in the NW 1/4 NE 1/4 of Section 14, Township 13 North of Range 19 West, M.P.M., which is more particularly described
(Continued on back hereof.)

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Drilled well located adjacent to house (approximate center of property).

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1897.

8. The depth of water table About 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 One drilled well, 4 inch casing, 62 feet deep, 1 H.P. pump.

10. The estimated amount of groundwater withdrawn each year Not known.

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

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

Signature of Owner Ray Bingham

Date December 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.

20169

Missoula,

RAY BINGHAM, s

s is

is

s

31st. December 63.

Missoula, Montana.

February 15 65.

(Continuation of description)

as follows:

Beginning at the southwest corner of thesaid NW 1/4 NE 1/4 and running north on the west line of said NW 1/4 NE 1/4 a distance of 858 feet to a point,which said point is hereby designated as the southwest corner and point of beginning of the herein described tract; thence continuing north on the west line of the NW 1/4 NE 1/4 a distance of 164 feet to a point; thence east at right angles and parallel to the north line of said NW 1/4 NE 1/4 a distance of 240 feet to a point; thence south at right angles and parallel to the west line of said NW 1/4 NE 1/4 a distance of 164 feet to a point; thence west at right angles and parallel to the north line of said NW 1/4 NE 1/4 a distance of 240 feet to a point on the west line of said NW 1/4 NE 1/4 which is the southwest corner and point of beginning of the herein described tract of land.

Ray Bingham, owner.

I received and filed this instrument for record on the 31 day of Dec. 1963 at 11:04 o'clock A.M., permanent files of Missoula County, State of Montana
Witness my hand
MARTIN S. BRUNER, County Recorder
By Charlotte Johnson Deputy
Fee $ 2.00 Paid

21 5524

049

GW 4

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

14

File No.

T. 13 N. R. 19 W

County Missoula

DUPLICATE

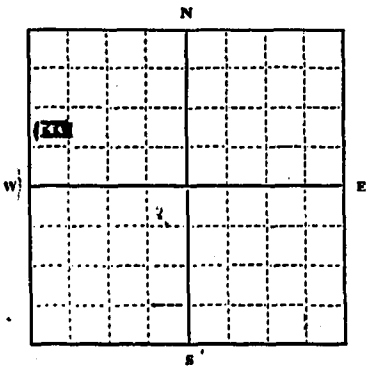
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 3 1968 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Bueyon, Joseph H. (Middlehe Registor), of R.#4, Frenchtown, Missoula (Town)
County of State of
have appropriated groundwater according to the Montana laws in force prior to January 1, 1962, as follows:



NW ¼ of NW ¼ of Sec. 14 T. 13 R. 19
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: drinking, personal use and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: March 10 1957 and continuously since

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 300 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: a strip or parcel of land situated in the Northwest quarter of the northeast quarter (NW/4NE/4) section 14, Township 13, Range nineteen (19) North, Range nineteen (19) West approximately 5 acres

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 6 in. 60 ft. well and pump located under dwelling on west end of strip of land described

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: March 10 1957 to June 10 1957

8. The depth of water table: varied from surface to 20 ft. below surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: wells as above described under paragraph 6

10. The estimated amount of groundwater withdrawn each year: one million gallons of water per year

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

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

Signature of Owner Joseph H. Bueyon

Date 31, Dec. 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.

20151

1031

215506

I received and filed this instrument for record on the 31 day of Dec 1963 at 3:43 o'clock P M., permanent files of Missoula County, State of Montana

Witness my hand:

MARTIN S. BEHNER, County Recorder

By MARTIN S. BEHNER Deputy

Fee $ 2.00 Paid

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

14

File No. _____ T. 13 R. 19

DUPLICATE

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963
STATE ENGINEER

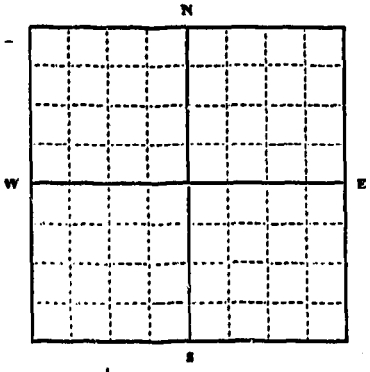
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

Alphonse + Evelyn Don Tigny, of 2224 Brantonave Missoula
(Name of Appropriator) (Address) (Town)

County of Missoula State of Montana

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



NW 1/4 SE 1/4 Sec. 14 T. 13 R. 19

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

2. The beneficial use on which the claim is based Household and Irrigation of lawns + garden

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

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

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

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 Sept 1950

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 Well is 87 feet deep - 6" casing - Water 30 ft

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

11. The log of formations encountered in the drilling of each well if available Well is 87 feet deep - mostly gravel, also sand at Water level

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 dont know.

Signature of Owner Alphonse Don Tigny
Evelyn Don Tigny

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.

20422

1303

Copy

I received and filed this instrument for record on the 31 day of Dec. 19[illegible] at [illegible] o'clock [illegible] M. Permanent files of Missoula County, State of Montana

Witness my hand:

County Recorder

By [illegible] Deputy

Fee $[illegible] Paid

G —Helena Independent Record

File No.....

DUPLICATE

T. 13N R. 19W

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

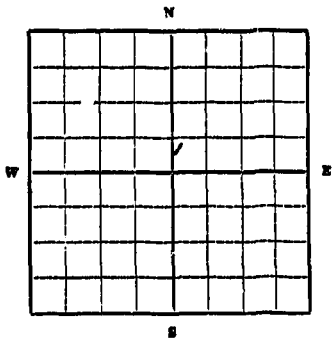
RECEIVED
DEC 10 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. JOHN P. DRATZ and BETTY L. DRATZ, of RR #4, East Rattlesnake, MISSOULA
(Name of Appropriator) (Address) (Town)

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



SW ¼ NE ¼ Sec. 14 T13 R. 19W

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

2. The beneficial use on which the claim is based For home use and yard irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Summer 1948 and is continuous use since that time.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) approximately 50 gal. per minute—for accuracy check with AR Mowbray, driller.

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 approx. ½ acre of yard surrounding the house. Owner as listed above.

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

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

8. The depth of water table approximately 60 to 70 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" casing, drilled well to depth of 70 feet. Withdrawn by 3/4 hp electric jet pump. Drilled by Mowbray Drilling Co., Missoula

10. The estimated amount of groundwater withdrawn each year A guess— 40 to 50,000 gals.

11. The log of formations encountered in the drilling of each well if available don't know

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 don't know

Signature of Owner Betty L. Dratz John P. Dratz

Date 11/7/63

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.

8269

369

213907

I received and filed this instrument for record on the 9 day of Dec 19 07 at 9:30 o'clock A.M., permanent files of Missoula County, State of Montana

Witness my hand:

MARTIN S. BEHNER, County Recorder

By [illegible] Deputy

Fee $ 7.00 Paid

GW

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

14

File No.

T. 13N R. 19W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

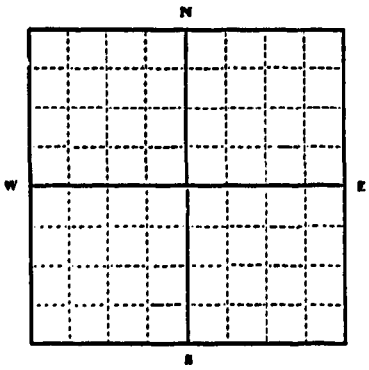
RECEIVED
JAN 2 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Rex H. & Nila D. Gibbs, of 2416 Sycamore, Missoula
(Name of Appropriator) (Address) (Town)

County of Missoula 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 personal house use & irrigation 1 acre

3. Date or approximate date of earliest beneficial use; and how continuous the use has been June 15, 1947 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 14 gals. per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1 acre - lot 33 Orsdale Addition located in Rattlesnake Valley, SW¼ NW¼ Section 14 Twp 13N. R.19W Rex H. & Nila D. Gibbs

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Jet pump well located SW corner of house 1 well 1 pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Started May 20, 1947 Completed June 15, 1947

8. The depth of water table First water 18 to 20 ft. Second water 40-43 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 50 ft. deep

10. The estimated amount of groundwater withdrawn each year Personal use for family of four. Also irrigate plot 125 X 120

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

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

Signature of Owner Rex H. Gibbs Nila D. Gibbs

Date Dec. 30, 1963

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

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

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

17686