3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED JUN 28 1973

County Missoula 11

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 Roger Nagy

Address Huson, Montana

Date well started 5-22-73

completed 5-22-73

For Administrator's Use
File 250.7, 333/27
June 15, 1973
GW 1 11:45 A.M.

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

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

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

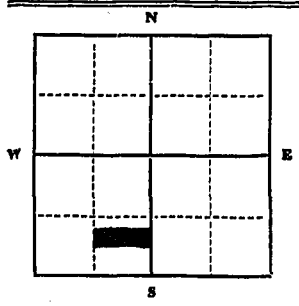
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 unknown

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	17 lb. per ft.	+1	20'	P.V.C. pipe from 10' to 150' perforated from 140' to 120' ½ inch perforated		



SE ¼ SW ¼ Sec. 11
T. 15 N R. 22 ☒ W

Static water level ....ft.*
Pumping water level ....ft.*
at 2 gallons per minute, measured ....minutes after pumping began.
*Measured from ground level.
Well developed by air compressor for 1½ 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 Bob Yoramer

Driller's Address 3726 Mount Ave.

Missoula, Montana 59801 LICENSE NO. 249

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) 3400

From (Feet)	To (Feet)	
0	10	Boulders, sand, & gravel
10	20	Dry Clay
20	150	Light grey rock with streaks of brown rock

150' Show exact depth of bottom

53,722

333427

2509

I received and filed this instrument for record on the 15 day of June 1973 at 11:45 o'clock A M, permanent files of Missoula County, State of Montana

Witness my hand:

Dorothy L. Head, County Recorder

By Mary Sokolsky, Deputy

Fee $ 2.00 Cash Paid

RECEIVED

FEB 7 1972

MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

County Missoula

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 HARLAN OCKLER

Address 2058 South 13th West
R.J.G. Missoula, Montana 59801

Date well started NOV.15,1971

completed NOV.18,1971

For Administrator's Use
File #2230, 312369
Feb. 2, 1972 1:00pm
GW 1

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

Equipment used CHURN (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

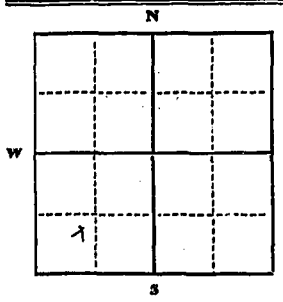
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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.	6-5/8"OD 17 lbs. 1/4"side-wall	ground level	31'	none	none	none



SW¼SW¼ Sec. 11
T. 15 (N) S R. 22 E (W)

Static water level 17 ft.*
Pumping water level 22 ft.*
at 6 gallons per minute,
measured 90 minutes after pumping began.
*Measured from ground level.
Well developed by pump and bale
for 2 hours.
Power..... Pump..... HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature Leo A Krause

Driller's Address 740 TURNER MISSOULA, MONTANA

LICENSE NO. 193

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)	
GL	2'	Top soil
2'	10'	Tan clay
10'	27'	Tan clay and gravel
27'	28'	Sand, gravel, and 6 gal per min.
28'	31'	white rock

31 ft. Show exact depth of bottom

49,820

#2230

312369

I received and filed this instrument to record on the 2nd day Feb 19 9
at 1:00 o'clock P M. in the forenoon time
of Missouri County State of Missouri
Witness my hand
Veramae B. Crowe County Recorder
By Marie Russell Deputy
Fee $2.00 Cash Paid

W 3

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

11

File No.....

T. 15 N R. 22

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED
SEP 3 1969

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)

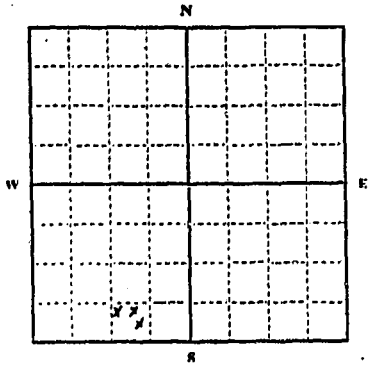
Date of Appropriation of Groundwater May 1, 1969

Owner Edward C. Peters Address Huson Montana

Contractor (if any) None

Address of Contractor .....

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



SE 1/4 SW 1/4 Sec. 11 T 15 N R. 22

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

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Sub-irrigation 1 developed spring with a pump and two with ditch and dam

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

3) Depth of water table 6-12 feet

4) Use of the water irrigation, watering livestock and human consumption

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

6) If used for irrigation, give number of acres and description of land 20 acres of meadow and partly timbered pasture

7) Estimate amount of water used each year 100,000 gal.

Signature of Owner Edward C. Peters

Date August 29, 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.

45578

#928

284275

I received and filed this Instrument for record on the 29 day of Aug 1969 at 1:00 o'clock P M. permanent files of Missoula County, State of Montana.

Witness my hand:

Veramae B. Crouse, County Recorder

By Dorothea A. Kingsley, Deputy

Fee $2.00 Paid

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

MONTANA WATER RESOURCES BOARD
RECEIVED
FEB 2 1970

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 Edward C. Peters Address Huson, Montana 59846

Location T. 15N., R. 22W., Sec. 11 Document No. 284275

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

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

Please indicate dates of commencement and completion of spring development.

___ Other.

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

Douglas G. Smith

Montana State Print-State Publishing Co., Helena, Montana

File No.

DUPLICATE MONTANA WATER RESOURCES BOARD
RECEIVED
SEP 3 1969

MONTANA WATER RESOURCES BOARD
RECEIVED
FEB 2 1970

T 16 N R 22

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 May 1, 1964

Owner Edward C. Peters Address Huson Montana

Contractor (if any) None

Address of Contractor

Date Started 4-1-68 Date Completed 7-15-68

1) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Sub irrigation 1 developed spring with a pump and two with ditch and dam

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

3) Depth of water table 6-12 feet

4) Use of the water irrigation, watering livestock and human consumption

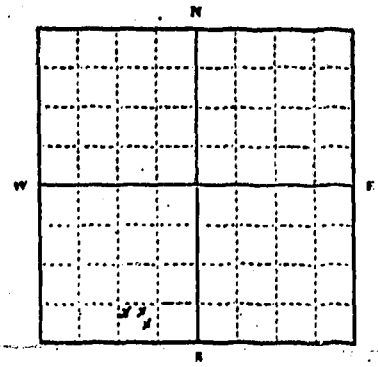
5) Amount of groundwater claimed (in miner's inches, or gallons per minute) 100 miners inches

6) If used for irrigation, give number of acres and description of land 20 acres of meadow and partly timbered pasture

7) Estimate amount of water used each year 100,000 gal.

Signature of Owner Edward C. Peters

Date August 29, 1969



5% SE 1/4 SW 1/4 Sec. 11 T 15 N R 22

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.

45578

GW

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

File No. ..... T. 15 R. 22

DUPLICATE County .....

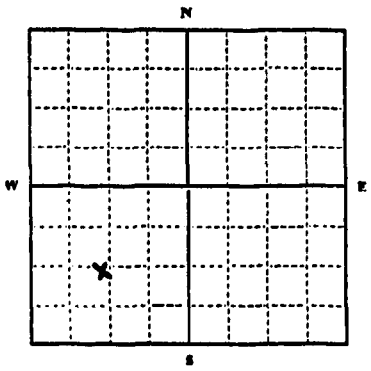
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 3 1964 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Bertha Evans (Name of Appropriator), of Huson (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 SW 1/4 Sec. 12 T. 15 R. 22

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 yard.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been November 1, 1955 Used for house continually - yard in summer months, plus small garden.

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 6 gal per minutes.

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 Used only for yard + small garden.

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 Began about Oct. 1, 1955 and completed Nov. 1, 1955.

8. The depth of water table 15 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater Hand dug - 26 inches - 20 feet deep - 26 inch galvanized casing.

10. The estimated amount of groundwater withdrawn each year 430,000 gal.

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

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 Bertha Evans

Date Dec. 28, 1963

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

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

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

19906

67

215072

I received and filed this instrument for record on the 30 day of Jan. 19 65 at 1:50 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 $ 4.00 Paid

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

File No. [illegible]

DUPLICATE

T. 15 R. 22 14

County Missoula

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)

JUN 2 1971

Doc. No. 290495
Filed for record
this 22 day of April
A. D. 19 70, at 11:10
o'clock a. m.

Date of Appropriation of Groundwater

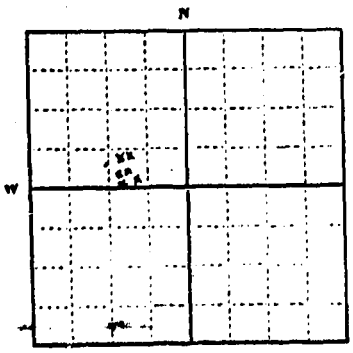
Owner Byrl K. Chadwell Address Huson, Montana

Contractor (if any) none

Address of Contractor none

Date Started MAY 1968 Date Completed MAY 1968

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable several small springs cleaned out and diverted for flow approximately 150 gallons per minute flow.



1/4

SE ¼NW/Sec. 14 T.15 R.22

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 constant use for domestic purposes and irrigation during the farming season

Signature of Owner Byrl K. Chadwell

Date 7 March 1970

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.

46 389

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

File No.

T. 15 R. 22

DUPLICATE

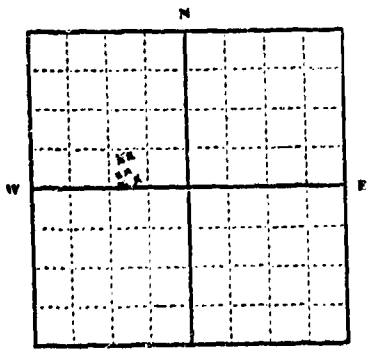
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Doc. No. 290495
Filed for record
this 22 day of April
A. D. 19 70, at 11:10
o'clock a. m.



1/4

SE ¼NW/Sec. 14 T 15 R 22

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

Date of Appropriation of Groundwater

Owner Byrl K. Chadwell Address Huson, Montana

Contractor (if any) none

Address of Contractor none

Date Started Date Completed

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable several small springs cleaned out and diverted for flow approximately 150 gallons per minute flow.

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 constant use for domestic purposes and irrigation during the farming season

Signature of Owner Byrl K. Chadwell

Date 9 March 1970

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.

46 389

1978 290495

I received and filed this Instrument for record on the 22 day of April 1970 at 11:10 o'clock A. M., permanent files of Missoula County, State of Montana
Witness my hand:
Veronica R. Crouse, County Recorder
By Mary Shepley, Deputy
Fee $ 2.00 Paid

MONTANA WATER RESOURCES BOARD
RECEIVED
APR 28 1970

GW 2

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

File No.....

T. 15 R. 22

DUPLICATE

County Missoula

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.....)

Well location: 6 Mile Area

0-1	Black Dirt and Gravel
1-33	Clay and Gravel
33-79½	Light brown sandy clay and gravel
79½-80	Sand, Gravel and Water
80-117	Brown Sandy Clay, Gravel and seep of water
117-145	Gray Clay

Pipe pulled back to 60' and hole filled below pipe with pea gravel

Owner Melden [illegible] Address 656 Minnesota

Driller CMM WELL DRILLING & PUMP SUPPLY Address 1522 S. 14th W. Missoula, Montana

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

Date well started March 17, 1970 Date completed March 24, 1970

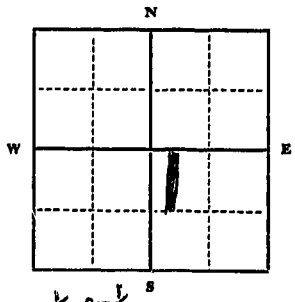
Type of well Drilled (Dug, driven, bored or drilled) Equipment used Churn drill (Churn drill, rotary or other)

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6" I. D.	5" I. D. 17 lb per ft.	1' above G.L.	9.11		none	

Doc. No. 290586
Filed for record
this 23 day of April
A. D. 1970, at 12:55
o'clock p.M.



NW¼ SE¼ ~~SE~~ ¼ Sec. 14 T. 15 R. 22

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

Static Water Level for non-flowing well 60' feet.

Drawdown- 8'

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

Pumping Water Level 77 feet

at 12 gal. per minute.

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

How Tested Test pump

Length of Test 3 hours

Remarks: (Gravel packing, cementing, packers, type of shutoff) Pulled pipe back to 60' and hole filled with pea gravel

(Continue on reverse side)

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

Show exact depth of bottom.

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

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

License 7
Driller's License Number

Glenn Camp
Driller's Signature. CMM WELL DRILLING & PUMP SUPPLY

46388

+198

290586

I received and filed this Instrument for record on the 23 day of Apr. 1970 at 2:55 o'clock P.M. permanent files of Missoula County, State of Montana

Witness my hand:

Veronne R. Crouse, County Recorder

By Dorothy L. Reed Deputy

Fee $ 2.00 Paid cash

MONTANA WATER RESOURCES BOARD
RECEIVED
APR 28 1970

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

14

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MONTANA WATER RESOURCES BOARD
RECEIVED
SEP 3 1971

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Raymond L. Howell

Address Huson Montana
6 mile road

Date well started Nov. 10, 1970

completed Nov. 21, 1970

For Administrator's Use
File 307066
August 31, 1971 4:02 pm
GW 1

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

Equipment used Backhoe (Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

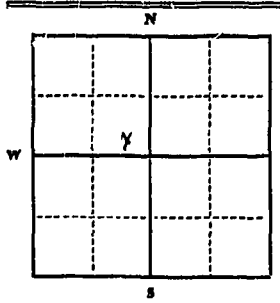
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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' X 15' X 20'	36" galvanized			1/2" drilled	18'	14'
					4'	every 4"



Static water level 11 ft.*
Pumping water level 18' ft.*
at 25 gallons per minute, measured 1440 minutes after pumping began.
*Measured from ground level.
Well developed by Howell for 24 hours.
Power Elect. Pump 3/4 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) foot valve

NE ¼ NW ¼ Sec. 14
T. 15 N/S R. 22 E/W

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

Driller's Signature

Driller's Address

LICENSE NO.

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
	1	Red clay
	2	" "
	3	" "
	4	" "
	5	" "
	6	" "
	7	" "
	8	" "
	9	" "
	10	" "
	11	" "
	12	" "
	13	" "
	14	" "
	15	" "
	16	" "
	17	gravel washed
	18	" "
	19	" "
		Bed Rock

19 ft from Surface Show exact depth of bottom

48980

2176 307066

I received and filed this Instrument for record on the 31 day of Aug 19 71 at 1:00 o'clock P M., permanent files of Missoula County, State of Montana

Witness my hand

Veranga S. Crouse, County Recorder

By Mary Shelaby Deputy

Fee $ 3.00 County Paid

3 GW 2 Revised 1959
STATE PUBLISHING COMPANY

RECEIVED
APR 6 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

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 D. K. KNUDSEN & JOAN C. KNUDSEN

Address 6 mile Road
Huson, Montana

Date well started July 5, 1972
completed July 19, 1972

For Administrator's Use
File #2256, 314273
April 4, 1972 9:00 p.m.
GW 1

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

Equipment used Backhoe (Churn drill, rotary or other)

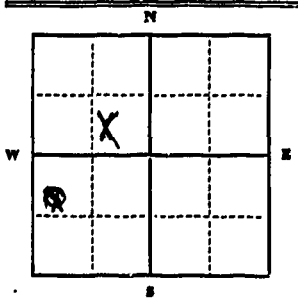
Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*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' x 15' x 23'	24" galvanized			1/2 Drilled	18'	14'
					5'	Every 4"



Static water level 4 ft.*
Pumping water level 19 ft.*
at 20 gallons per minute,
measured 400 minutes after pumping began.
*Measured from ground level.
Well developed by KNUDSEN
for 24 hours.
Power ELECT. Pump 3/4 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

¼ ¼ Sec. 14
T. 15N N/S R. 22W E/W

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

Driller's Signature

Driller's Address

LICENSE NO.

DRILLER'S LOG

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

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
	1	Red Clay
	2	" "
	3	" "
	4	" "
	5	" "
	6	" "
	7	" "
	8	" "
	9	" "
	10	" "
	11	" "
	12	" "
	13	" "
	14	" "
	15	" "
	16	" "
	17	" "
	18	" "
	19	gravel washed
	20	gravel washed
	21	gravel washed
	22	gravel washed
	23	bedrock

23 FT from surface show exact depth of bottom

50,142

#2256 314773

I received and filed this Instrument for record on the 2 day of April 73 at 9:00 o'clock P M. permanent files of Missoula County, State of Montana

Witness my hand

Vernnoe R. Crowe, County Recorder

By Marie Hirschfeld Deputy

Fee $ 2.00 Cash Paid

GW 2 Revised 1969
STATE PUBLISHING COMPANY

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 DALE METHER

Address Evaro Road
Missoula, Montana 59801

Date well started NOV.24,1971
completed DEC.6,1971

For Administrator's Use
File #2233, 3/2436
28.4/1922 9:00am
GW 1

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

Equipment used CHURN (Churn drill, rotary or other)

Water Use: Domestic [X] Municipal [ ] Stock [ ] Irrigation [ ]

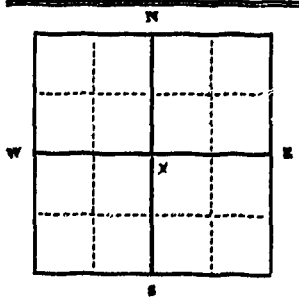
Industrial [ ] Drainage [ ] Other [ ]* Garden/Lawn [ ]

*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.	6-5/8OD 19 lbs. 1/4"side-wall	ground level	70'	4inch cut g"x1"	57 ft.	58 ft



NW ¼ SE ¼ Sec. 14
T 15 N/S R 22 E/W

Static water level 55 GL ft.*
Pumping water level 66 ft.*
at 7 gallons per minute,
measured 90 minutes after pumping began.
*Measured from ground level.
Well developed by bail test
f 2 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

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

Driller's Signature Leo V. Krause

Driller's Address 740 TURNER MISSOULA, MONTANA

LICENSE NO. 183

County Missoula 14

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)	
GL	1'	top soil
1'	57'	tan clay,gravel
57'	58'	gravel sand water
58'	60'	tan clay gravel
60'	62'	red clay and gravel
62'	67'	grey clay and gravel
67'	70'	grey rock

70 ft. Show exact depth of bottom

49,844

#2233

312436

I received and filed this instrument for record on the 7th day of Feb. 1972 at 9:00 o'clock A. M. permanent files of Missoula County State of Montana

Witness my hand

Veronica A. Carver County Recorder

By Marie Michelle Deputy

Fee $2.00 Cash Paid

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

MONTANA WATER RESOURCES BOARD
RECEIVED
SEP 30 1971

County Missoula

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 Jim R. Parker

Address 6 Mile

Huson, Montana

Date well started Aug. 11, 1971

completed Aug. 12, 1971

For Administrator's Use
File 97710 September 21, 1971 11:00 AM
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 ☐

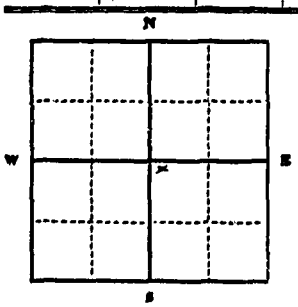
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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.	1'6" above g.s.	72'10"		none	



NW ¼ NE ¼ Sec. 14
T. 15 N R. 22 E
S W

Static water level 55 ft.*
Pumping water level 60 ft.*
at 15 gallons per minute,
measured 1/6 minutes after pumping began.
*Measured from ground level.
Well developed by test pump
for 1 hours.
Power Elec. Pump 3/4 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 Glenn Camp

Driller's Address Camp Well Drilling & Pump Supply
1522 S. 14th W, Missoula, Montana

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	3	Brown Clay & Gravel
3	12	Pink Clay
12	62	Tan Clay & Gravel
62	69	Gravel & Water
69	70	Sand and Water
70	72'10"	Gravel & Water

72'10" Show exact depth of bottom

49131

#2184 307760

I received and filed this Instrument for record on the 21 day of Sept 19 77 at 11:00 o'clock A.M. permanent files of Missoula County, State of Montana

Witness my hand

Clerk and Recorder, County Treasurer

By [illegible] Deputy

Fee 2.00 Paid

GW 2

14

File No.....

T. 15 N R. 22 W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1963
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1957

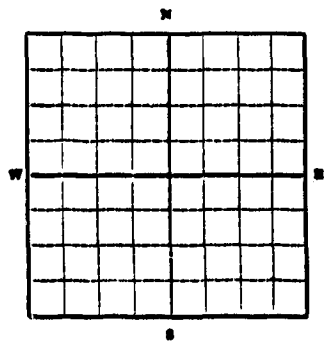
Owner A. J. Schaffer Address Bason, Montana

Contractor (if any) None

Address of Contractor

Date Started 1957 Date Completed 1957

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Water from a natural spring is accumulated in a wooden box, thence into a pipe which flows into a steel watering trough.



SW ¼ NW Sec. 14 T. 15 R. 22

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

Continuous use of approximately 10 gallons per minute

Signature of Owner Arthur J. Schaffer

Date 12/29/63

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.

19951

751 215 159

Copy

I received and filed this instrument for record on the 7th day of Dec 1973 at 1:20 o'clock P.M., permanent files of Missoula County, State of Montana

Witness my hand:
MARTIN S. BRINKER, County Recorder
By Martha J. Deputy
Fee $ 2.00 Paid

GW

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

314

File No.

T. 15 N R. 22 W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964
STATE ENGINEER

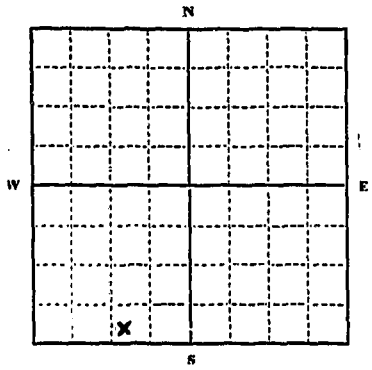
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Arthur J. Scheffer (Name of Appropriator), of Huson (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:



SE SW Sec 4 T 15 R 22

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 use

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): 50 gallons per minute

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: 1/2 h.p. motor 1" pipe

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

8. The depth of water table: Eight 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: Cement casing approximately 3 x 3 feet

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

11. The log of formations encountered in the drilling of each well if available: 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: Arthur J. Scheffer

Date: 12-29-63

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.

19949

749

2157157

Copy

I received and filed this instrument for record on the 30 day of Dec 19 67 at 1:34 o'clock P. M., permanent files of Missoula County, State of Montana

Witness my hand:

MARTIN E. BEHNER, County Recorder

By Martha J. Elliott Deputy

Fee $ 7.00 Paid

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

File No.....

DUPLICATE

T. 15 N R. 22 W.

Missoula County

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 3 1964 STATE ENGINEER

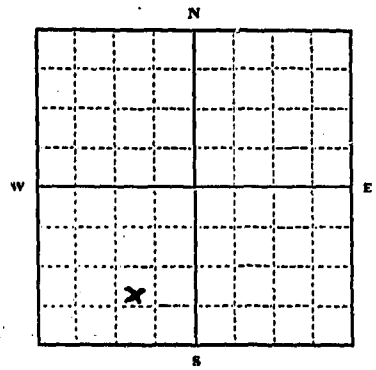
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Arthur J. Scheffer (Name of Appropriator), of Huson, Montana (Address) (Town)

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

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



SE SW 14 15 22
.....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: Farm irrigation and steak watering

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

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof: 17½ SW ¼ Sec. 14 T 15 R 22

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal: One inch pipe 1/2 h.p. electric motor

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: 8 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Well cased with concrete 3 feet by 4 feet with pump and motor in well

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: 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: Arthur J. Scheffer

Date: Dec. 29, 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.

19948

48 : 215156

Copy

I received and filed this instrument for record on the 30 day of Dec 1967 at 1:32 o'clock P M., permanent files of Missoula County, State of Montana

Witness my hand:
MARTIN S. BEHNER, County Recorder
By [signature] Deputy
Fee $ 8.00 Paid

3 GW 2 Revised 1969
13—3M—10/69

14

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

MONTANA WATER RESOURCES BOARD
RECEIVED
MAR 3 1971

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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

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

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

Owner Fay Shirin

Address 1620 So. 8th

Date well started 1/26/71

completed 2/10/71

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

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

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

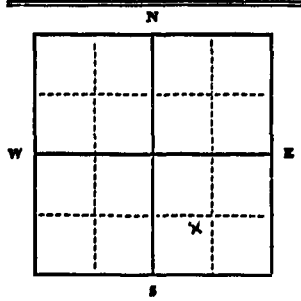
*Describe

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

ESTIMATED ANNUAL WITHDRAWAL

For Administrator's Use	
File	299941 March 1, 1971 4:40 pm
GW 1	

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6" id	6" x .250	0	87½	does not apply		



W½ SE¼ Sec. 14
T. 15 N R. 22 W

Static water level 73 ft.*
Pumping water level 73 ft.*
at 90 gallons per minute,
measured 120 minutes after pumping began.
*Measured from ground level.
Well developed by bailing & pumping
for 8 hours.
Power 220 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 Stone

Driller's Address St. Regis, Mont.

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	7	clay soil
7	28	clay, gravel
28	29½	fine sand, clay, water
29½	69	brown clay, pebbles, boulders
69	73	dry gravel
73	87½	clay, sand, gravel, water

87½ Show exact depth of bottom

48184

93 299741

I received and filed this instrument for record on the 1 day of March 19 77 at 4:40 o'clock P. M. pursuant thereto of Missoula County, State of Montana

Witness my hand

Vernon R. Crouse, County Recorder

By M. McDonough Deputy

Fee $2.00 Paid

GW 2 Revised 1969
STATE PUBLISHING COMPANY

County Missoula 16

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 Barbara + Ben Beeler

Address Huson

Montana

Date well started May 26-73

completed June 15-73

For Administrator's Use
File 24/4; 33 35 35
June 25, 1972
GW 1 9:30 AM

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

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

Water Use: Domestic ☒ Municipal ☐ Stock ☒ Irrigation ☐

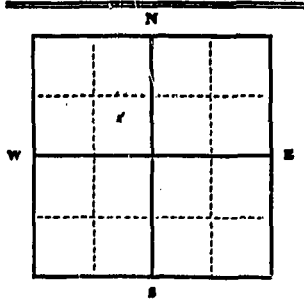
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☒

*Describe New Homesite

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" ID	6" ID: 18#	1' below ground	178' below ground	None		



SE ¼ NW ¼ Sec. 25
T. 15 (N/S) R. 22 (E/W)

Static water level Flowing ft.*
Pumping water level ft.*
at 43 gallons per minute,
measured 30 minutes after pumping began.
*Measured from ground level.
Well developed by air
for 90 hours.
Power Pump HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)
Flowing at 3½ GPM

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

Driller's Signature Kenneth Ohnstad

Driller's Address 1420 Clementa Rd

Missoula Mont LICENSE NO. 227

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)	
--	--	Static Level - Flowing
0	4	Top Soil
4	22	Sand & Gravel
22	28	Clay & Sand
28	63	Sand
63	105	Sandstone
105	129	Clay
129	143	Clay - Sand
143	146	Sand
146	153	Clay
153	160	Sandstone - Hardpan
179		Granite
	178	Water

179'-2" Show exact depth of bottom

54077

214 333838

I received and filed this instrument for record on the 25 day of June 1973 at 9:38 o'clock A M. in permanent files of Missoula County. Time of day is a
Witness my hand.
Dorothy L. Head, County Recorder
By Mary Shakeby, Deputy
Fee $ 2.00 cash Paid

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

File No.

DUPLICATE

T. 15 N R. 32 W

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

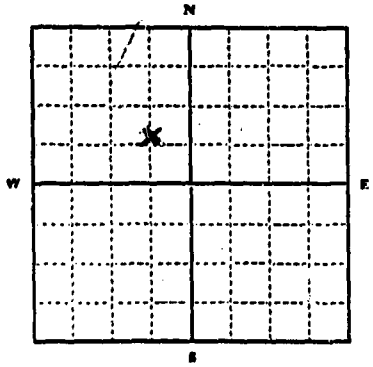
RECEIVED JAN 3 1964 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Loretta C. Scheffer Hason
(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:



SE NW 15 15 22
1/4 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 use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1954 & continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 25 gal. per. Min.

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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
1/2 H.P. Motor - One inch pipe

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1954 commencement & Completion

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
36" concrete casing

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

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

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 previous record

Signature of Owner Loretta C. Scheffer

Date Dec 29, 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.

20003

804 215212

I received and filed this instrument for record on the 20 day of Dec 1967 at 2:24 o'clock P.M., permanent files of Ravalli County, State of Montana

Witness my hand and seal

MARK L. BAKER County Recorder

By Mark L Baker Deputy

Fee $ 2.00 Paid

GW3

File No. ✓

DUPLICATE

T. 15 N R. 22 W

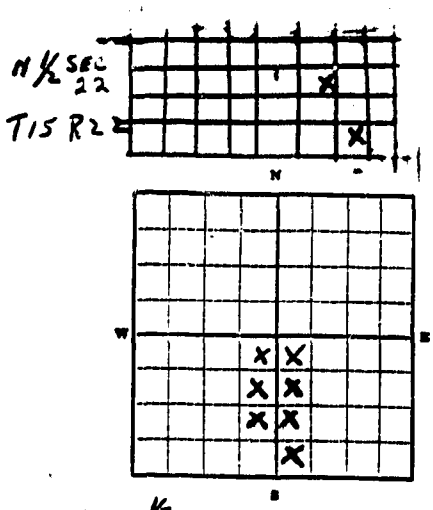
County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1964

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)



S ½ Sec. 15 T. 15 R. 22

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

Date of Appropriation of Groundwater About 1890

Owner Loretta C. Schetter Address Huson, 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. By use of a dam detail which accumulates water from several springs below reservoir. One spring is concreted in and used for domestic + stock water at homestead by means of a one inch gravity fed pipe line

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

About 300 miner's inches of water is used during all of the irrigation season

Signature of Owner [illegible]

Date Dec 29, 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.

20002

803 2152 11

I received and filed this instrument for record on the 7 day of Dec 19 83 at 2:25 o'clock P M., permanent files of Missoula County, State of Montana

WITNESS my hand:
MARIAN S. BEHLER County Recorder
By Mari S. Behler Deputy
Fee $ 7.00 Paid

GV.

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

File No.....

T. 15N R. 22W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 3 1963 STATE ENGINEER

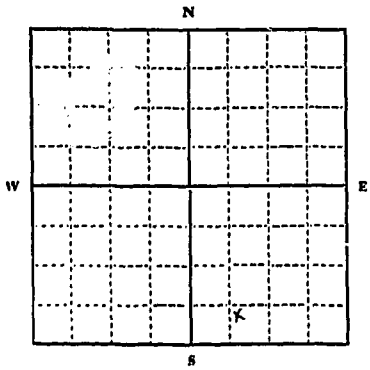
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Charles V. Harrington Jr. + Lela Lee Harrington, of Huson
(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 1/4 Sec. 17 T. 15N R. 22W

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 + irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been Aug. 1958 continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 16 gal 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 + yard pasture - approx. 3 acres Charles V. Harrington, Jr. + Lela Lee Harrington

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal shallow well + with pump, located approx. center of property

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater August, 1958

8. The depth of water table 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 40" concrete casing 12' below surface

10. The estimated amount of groundwater withdrawn each year One family use + lawn + yard pasture (inches not known)

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

Signature of Owner Charles V. Harrington Jr.
Lela Lee Harrington

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.

20008

809 215217

I received and filed this instrument for record on the 20 day of Dec 1963 at 3:24 o'clock P M., permanent files of Missoula County, State of Montana

Witness my hand

MARTIN S. BENNETT County Recorder

By Mary J. Helm Deputy

Fee $ 2.00 Paid

GW 3

File No.....

T. 15 N R. 22 E 17

DUPLICATE

County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED JAN 3 1964 STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

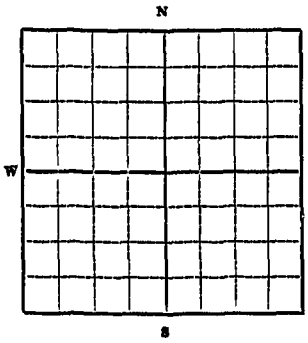
Date of Appropriation of Groundwater March 1943

Owner Chas. and Vera C. Harrington Address Huson, Mont.

Contractor (if any) none

Address of Contractor none

Date Started none Date Completed none



SW ¼ ¼ S. ½ ¼ Sec. 17 T. 15 R. 22

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.....

Small trickle in spring, subbing in a 100 ft. circle, or so. Used at present for stock water. May have bearing on lower spring.

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

No measurements. Used during summer months for pasture — from March to November.

Signature of Owner Vera C. Harrington

Date Dec. 30, 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.

20014

815 25223

I received and filed this instrument for record on the 20 day of Mar 19 83 at 9:45 o'clock A M., permanent files of Missoula County, State of Montana

Witness my hand:
MARVIN S. BERINKO, County Recorder
By Marta J. Nelson Deputy
Fee $ 20.00 Paid

GW 3

File No.....

DUPLICATE

T. 15N R. 22 W

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 3 1958
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

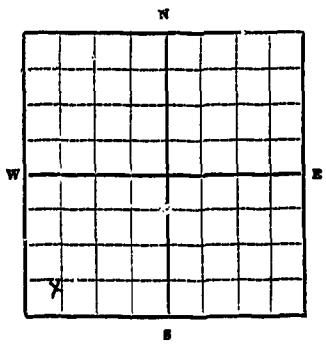
Date of Appropriation of Groundwater March 1, 1943

Owner Harrington (Chas. V. + Vera C.) Address Huson

Contractor (if any) none

Address of Contractor none

Date Started none Date Completed none



SW ¼ SW ¼ SW ¼ Sec. 17 T. 15 R. 22

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

Spring in upper center of meadow flowing small stream of water ending in Reservoir.

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

Small stream 1 foot wide + 2 in deep approx. used to water stock + for sub irrigating on meadow

From March till Nov

Signature of Owner Vera C. Harrington

Date Dec. 30, 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.

20013

P14 21522

I received and filed this instrument for record on the 28 day of Dec 19 63 at 3:24 o'clock P M., permanent files of Missoula County, State of Montana

Witness my hand

MARION S. BENNETT County Recorder

By [illegible] Deputy

Fee $ 2.00 Paid

GW 3

File No.....

T. 15 N R. 22 W

DUPLICATE

County Missoula

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

RECEIVED JAN 3 1963 STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

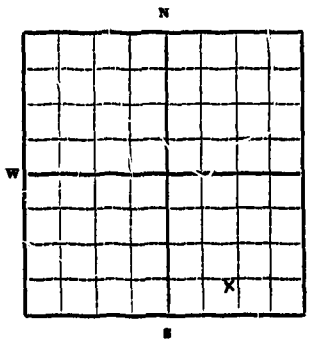
Date of Appropriation of Groundwater May 1960

Owner Charles J. Harrington, Jr. Address Huson, Mont.
Lela Lee Harrington

Contractor (if any) none

Address of Contractor none

Date Started — Date Completed —



SW ¼ SE ¼ Sec. 17 T 15 N R. 22 W

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

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Water from Nine Mile Creek pumped onto pasture & garden approx. 5 acres. Depth up creek bank approx. 10 feet

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 now is being pumped with 1½ section 1½ discharge. Have intentions of putting a larger pump. Have no estimate of water measurement. Pump operates fairly steady from April to November.

Signature of Owner Charles Harrington Jr.
Lela Lee Harrington

Date Dec. 30, 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.

20009

810 215-218

I received and filed this instrument for record on the 7 day of [illegible] 19[illegible] at 3 o'clock M., permanent files of Missoula County, State of Montana

Witness my hand:

MARTIN G. KOLLINER, County Recorder

By Max J. Rohm Deputy

Fee $ 20- Paid

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
DEC 1 1972
DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Missoula

11

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 Charles Harrington

Address Huson, Montana

Date well started May 26, 1972

completed May 30, 1972

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 ☐* Garden/Lawn ☐

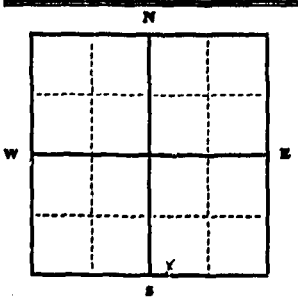
*Describe

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 #2382, 325922
Dec. 12, 1972 9:45 a.m.
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.	6 5/8" O.D. 17 lb. sidel/4" wall	GL	61	none	none	none



SW¼ SE¼ Sec. 17
T. 15 (N) R. 22 (E) (W)

Static water level 2' above GL ft.*
Pumping water level 30 ft.*
at 15 gallons per minute,
measured 90 minutes after pumping began.
*Measured from ground level.
Well developed by Bailer&Pumped
for 3 hours.
Power Elec. Pump 3/4 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff) 2" gate valve for control

R.J.D.

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

Driller's Signature Leo A. Krause

Driller's Address 740 Turner

Missoula, Montana LICENSE NO. 193

Top of Ground (Elev. above sea level)

From (Feet)	To (Feet)	
GL	5	Top Soil
5	18	Tan clay and Gravel
18	19	Sand Gravel Surface water
19	36	Sand Water
36	40	Tan clay Gravel
40	44	Fine Sand
44	50	Tan clay Gravel
50	55	Sand
55	56	Gray Sand Water flow 35 gal. per min. 3ft. above ground would not clear.
56	60	Tan clay
60	61	Sand Gravel Water flow 1 gal. per min.

61 Show exact depth of bottom

52,021

2382

325727

I received and filed this Instrument for record on the 12 day of Dec. 1972 at 7:45 o'clock A.M. permanent files of Missoula County State of Montana

Witness my hand

Vaughn A. Cerver, County Recorder

By [illegible] Deputy

Fee $ 5.00 cash Paid

G1

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

File No.

T. 15 N R. 22 W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

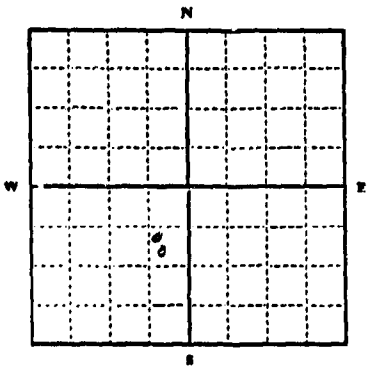
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Donald R Harrington (Name of Appropriator), of Huson (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 Sec. 17 T. 15 R. 22

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, Stockwater & irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been April 1952 Used continually since 1952

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 10 acres SE ¼ of NE ¼ of SW ¼ Sec. 17 T. 15 R. 22 owner Donald R Harrington

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 Started and completed installation of pump in april 1952

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 2 springs - 4 ft Deep 2 ft. Dia. Concrete pipe for Cribbing. ½ horse electric pump in house Basement about 150 ft from springs

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

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 Donald R Harrington

Date 12-23-63

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.

12320

500

214747

I received and filed this instrument for record on the 23 day of Dec 1983 at 3:04 o'clock P.M., permanent files of Missoula County, State of Montana

Witness my hand:

MARTIN S. BEHNER, County Recorder

By Ethel Lane Deputy

Fee $ 3.00 Paid

Doc. No. 290035 #1973

File for record this 6 day of April A. D. 1970, at 8:50 o'clock A M.

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

File No. ..... T 15 R 22

DUPLICATE

County Missoula

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Top of Ground	
(Elev. above sea level.....)	
0	
2'	Top Soil
2'	
36'	Clay & Gravel
36'	
50'	Sand & Water
50'	
52'	Gravel & Water
52'	Show exact depth of bottom.

Owner Mrs Monty Payton Address Nine Mile Creek

Driller John Farrell Address Arlee Mont

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

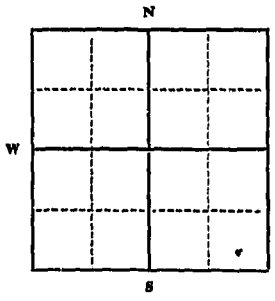
Date well started Aug 11 1954 Date completed Aug 13 1954

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)
5"	5" 14#	0	52			



Static Water Level for non-flowing well Surface feet.

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

Pumping Water Level 6 feet at 15 gal. per minute.

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

How Tested Pump

Length of Test 1 Hour

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

SE Corner ¼ Sec. 17 T. 15 R 22

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.

14
Driller's License Number

John Farrell
Driller's Signature.

46331

290035

673

I received and filed this Instrument for record on the 6th day of April 19 70 at 8:50 o'clock A M., permanent files of Missoula County, State of Montana

Witness my hand:

Veronica R. Crouse, County Recorder

By Jo Ann Conaughey, Deputy

Fee $2.00 Paid cash

MONTANA WATER RESOURCES BOARD
RECEIVED
APR 9 1970

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

File No. .....

T. 15 N R. 22 W

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

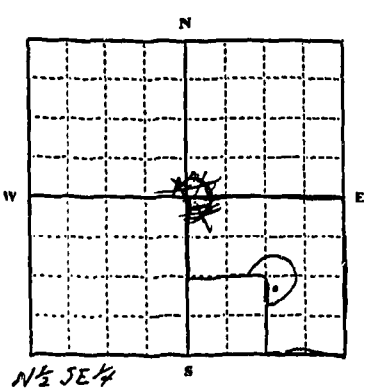
RECEIVED
JAN 3 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Robert E. Richardson & Myrna A. Richardson of Huson
(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:



N½ SE¼

SE¼ SE¼ Sec. 17 T. 15 R. 22

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, irrigation, and stock watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been approx date 1935 - used continuously for household and stockwatering - occasionally for irrigation

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof see outline on map at left - approx 3 acres - Robert E & Myrna A. Richardson

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

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 Well is more than 150 feet deep but flows water above surface continually

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" steel casing - more than 150 feet deep

10. The estimated amount of groundwater withdrawn each year 5,000,000 gal

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 unknown

Signature of Owner Myrna A. Richardson

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.

20068

941 21544

I received and filed this instrument for record on the 3 day of Dec 63
at 11:15 o'clock A.M., permanent files
of Missoula County, State of Montana
Witness my hand:
MARION S. ROHNER, County Recorder
By Marie B. Rohner Deputy
Fee $ 3.00 Paid

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
JAN 18 1973
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

County Missoula 17

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 Carl Sorensen

Address 509 Brooks
Missoula, Mt.

Date well started May 17, 1972

completed May 17, 1972

For Administrator's Use
File #2399, 326939
Jan. 16, 1973
GW 1 8:30 A.M.

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

Equipment used Churn
(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

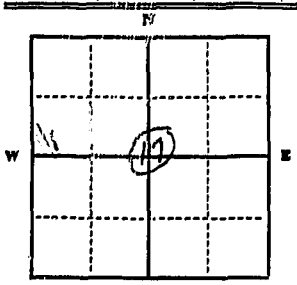
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*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 5/8" O.D. 17lb. 1/4 side wall	GL	24	none	none	none



SW ¼ NW ¼ Sec. 17
T. 13 N R. 22 W

Static water level 4 ft.*
Pumping water level 15 ft.*
at 20 gallons per minute,
measured 90 minutes after pumping began.
*Measured from ground level.
Well developed by Bailing & pump
for 3 hours.
Power gas Pump 3/4 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 Leo A. Hause

Driller's Address 740 Turner
Missoula, Montana LICENSE NO. 193

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)	
GL	10	Brown clay gravel
10	23	Tan clay Gravel
23	24	Sand Gravel water

24 Show exact depth of bottom

#2399 326939

I received and filed this instrument for record on the 16 day of Jan 1973 at 8:30 o'clock A M., permanent files of Missoula County, State of Montana

Witness my hand:

Dorothy L. Head, County Recorder

By Mary Elizabeth, Deputy

Fee $ Previously Paid

3 GW 2 Revised 1969
STATE PUBLISHING COMPANY

RECEIVED
JUL 24 1972
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

17

County Missoula

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 Glen Wilson

Address

Date well started May 11, 1972

completed May 11, 1972

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 ☐* Garden/Lawn ☐

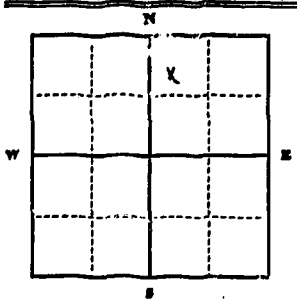
*Describe

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 #2305, 319529
July 19, 1972 4:55 p.m.
GW 1

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6" I.D.	6 5/8" 17lb 1/4" side wall	GL	32	none	none	none



NW ¼ NE ¼ Sec. 17
T. 15 N/S R. 22 E/W

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

Static water level 4 ft.*
Pumping water level 20 ft.*
at 20 gallons per minute, measured 90 minutes after pumping began.
*Measured from ground level.
Well developed by Bailing & Pump
for 2 hours.
Power ___ Pump 7/4 HP
Remarks: (Gravel packing, cementing, packers, type of shutoff)

Driller's Signature Leo A. Krause

Driller's Address 740 Turner

Missoula, Montana LICENSE NO. 193

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)	
GL	1	Top Soil
1	20	Tan clay Gravel
20	31	Tan clay
31	32	Sand Gravel Water

32 Show exact depth of bottom

HB

50,988

#2305 319579

I received and filed this instrument for record on the 19 day of July 1972 at 4:55 o'clock P M. permanent files of Missoula County State of Montana

Witness my hand

Vernon R. Crouse County Recorder

By Dorothy A. Lanning Deputy

Fee $ 2.00 Cash Paid

GW 2

File No.....

DUPLICATE

owner not listed

RECEIVED APR 5 1963

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

T. 15 R. 22

STATE ENGINEER County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED MAR 19 1963 STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Evelyn F. & Wm. Emmett Gilbert Address Huson, Montana

Driller John Farrell Address Arlee

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

Date well started Aug 1-1962 Date Completed Aug 8-1962

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

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

Top of Ground

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

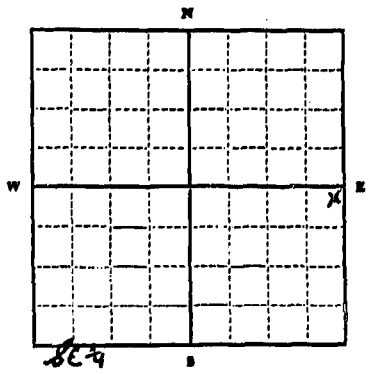
0 - 33' clay
33 - 46 dry loose gravel
46 - 48 blue clay
48-54 fine sand water
54-78 Brown clay
78-120 fine sand water
120 - 154 water sand with small pebbles clay gravel
154-155 Coarse sand water

Put 2 gal gravel in Bottom

155'

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)
5	5" 14LB	0	155			



.....¼..... Sec. 20 T. 15 R. 22

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 19 feet.

Shut-in Pressure for Flowing Well None

Pumping Water Level 60 feet at 10 gal. per minute.

Discharge in gal. per min. of flowing well None

How Tested Pump Length of Test 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) 8 acres

14
Driller's License Number

John Farrell
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.

3937

copy
#183

203820

I received and filed this instrument for record on the 14 day of March 1963 at 1:20 o'clock P. M., permanent files of Missoula County, State of Montana

Witness my hand:
MARTIN E. BEHNER, County Recorder
By Darlene Keppel Deputy
Fee $ 2.00 paid Paid

GW 3

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

20

File No.....

T. 15 N R (22) West MPM

DUPLICATE

County Missoula

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 8 1964
STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

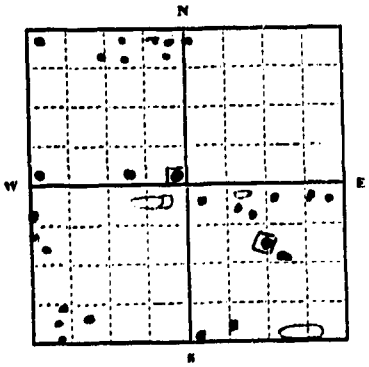
Date of Appropriation of Groundwater 1936-1949-196

Owner Emmett Gilbert Address Huson Mont

Contractor (if any) Evelyn Gilbert

Address of Contractor .....

Date Started 1938 Date Completed 1950



NW-SW-SE¼ of Sec 20 T15N R22W

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. The dots are springs dug out and developed to increase their flow and used for stock water with the exception of the two on the bottom which are used for domestic and stock.

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. The springs developed for the use of stock are used approximately eight (8) months of the year the ones developed for domestic use twelve (12) months a year around.

Signature of Owner Emmett Gilbert + Evelyn Gilbert

Date Dec. 23 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.

19979