

#1198

170037

STATE OF MONTANA }
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within

Appropriation was filed
for record in my office this 21 day
of July A.D. 1967
at 10:45 o'clock A.M.

Attest my hand and seal of
said County
Frank Shivelik
Clerk and Recorder

By _____ Deputy

Fees \$ _____

W 3

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

File No. 638

T. 4 R. 21

DUPLICATE

County Carbon

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

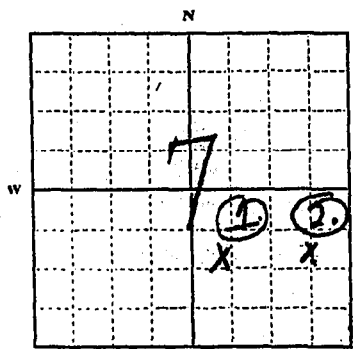
(Under Chapter 237 Montana Session Laws, 1961)

MONTANA WATER RESOURCES BOARD
RECEIVED
JAN 26 1968

Date of Appropriation of Groundwater 1910
Owner Kruef, Ronald V Address Boyd
Contractor (if any) None
Address of Contractor None
Date Started 1910 Date Completed 1910

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

Natural Spring



$\frac{1}{4}$ Sec. T. R.
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.
(1) NWSE 7 4-21, 1000 gals per day
Stock use, Continuous usage
(2) NESE 7 4-21 1000 gals per day
Stock use, Used Continuously
Signature of Owner Ronald V. Kruef

Date 12/30/63

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.

43,353

4638

159330

STATE OF MONTANA,
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within
Appropriation was filed
for record in my office this 30 day
of Dec A.D. 1963
at 5:05 o'clock P.M.

Attest my hand and the seal of
said County
Frank Munchel
Clark and Recorder

By _____ Deputy

Fees \$ 2.00

4

159330

159330
12/30/63
12/30/63

12/30/63

12/30/63

Walter J. Jackson

OW 3

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

File No.

639

T.

4R

DUPLICATE

County

Custer

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

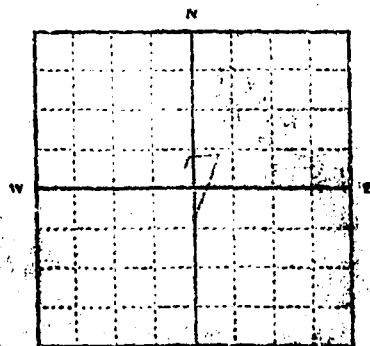
48-21E-7

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 287 Montana Session Laws, 1961)

RECEIVED

JAN 26 1968



1/4 Sec. T. R.
Indicate point of appropriation
and place of use, if possible.

Date of Appropriation of Groundwater

1963

Owner

Brook, Vinta

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.

Natural Springs

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

NE 1/4 7 4 21 2000 Stock
SE 1/4 7 4 21 2000
SE 1/4 7 4 21 2000
SE 1/4 7 4 21 2000 Domestic

Signature of Owner

Date

12/30/63

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.

43,355

GW 1

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

File No.

639

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4R

DUPLICATE

County

Carbon

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

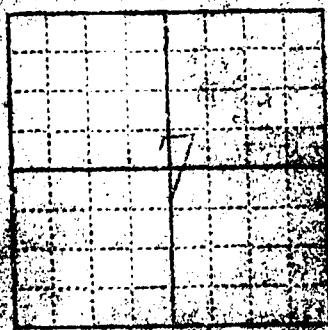
4S-21E-7

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 23, Montana Surface Water Code)

MONTANA WATER RESOURCES
RECEIVED
JAN 26 1968

Date of Appropriation of Groundwater Brook, Vite 1963
Owner Brook, Vite Address 340
Contractor (if any) _____
Address of Contractor _____
Date Started 1-1-63 Date Completed 1-1-63



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

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

Nature Springs

Quantity of water developed and used with explanation of use and
used to estimate for estimating water quantity. If use is intermittent,
estimate approximate length of periods of use.

NE 1/4 7 4 21 2500
NW 1/4 7 4 21 2500
SE 1/4 7 4 21 2500
SW 1/4 7 4 21 2500
Domestic

Signature of Owner _____

Date 12/30/63

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 Quaduplicate for the Appropriation.

43,355

#639

159331

STATE OF MONTANA, }
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within
appropriation was filed
for record in my office this 30 day
of Nov A. D. 1963
at 5:07 o'clock P. M.

Attest my hand and the seal of
said County
Mark Danielik
Clerk and Recorder

By _____ Deputy

Fees \$ 2.00

GW 3

File No. 353

DUPLICATE

JAN 26 1968

T. 4 R. 21County CARBON

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 1914

Owner Charles Deschumacher

Address Boyd, Mont

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. THESE ARE NATURAL

SPRINGS DEVELOPED FOR YEAR

AROUND STOCK WATER USE.

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 _____

X SE 1/4 NW 1/4 Sec 9 T 4 S R 21 E

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

* NW 1/4 NE 1/4 9-4-21
□ SE 1/4 NE 1/4 9-4-21
○ NE 1/4 NE 1/4 9-4-23

Signature of Owner Charles Deschumacher

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.

4305-4

#353

159002

STATE OF MONTANA, }
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder.

I hereby certify that the within

Appropriation was filed
for record in my office this 23 day
of December A.D. 1963
at 10:05 o'clock A.M.

Attest my hand and the seal of
said County

FRANK DANICHEK, COUNTY CLERK
Clerk and Recorder

Room 5

File No. 328T. 4⁵ R. 21^E

DUPLICATE

County Carbon

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

MONTANA WATER RESOURCES BOARD

RECEIVED

JAN 26 1968

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1900Owner Margit Anderson Address Jaliet

Contractor (if any) _____

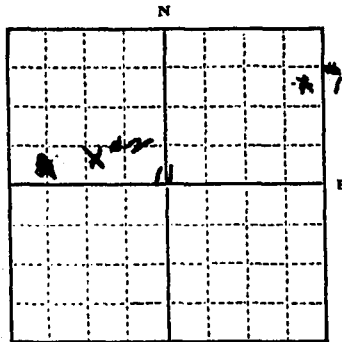
Address of Contractor _____

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.

natural springs

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

#1 NE NE 11-4-21
#2 SW 1/4 NW Sec. 11 T. 4 R. 21

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

#1 - 4 gal per hour#2 - 4 gal per hourSignature of Owner Margit AndersonDate 12-19-63

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.

328

158937

STATE OF MONTANA, }
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within
Water filing was filed
for record in my office this 19 day
of Dec. A. D. 19 63
at 11:02 o'clock A. M.

Attest my hand and the seal of
said County

FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder

By Tony A. Zupar Deputy

Fee \$ 2.00 pd.

GW3

File No. 263T. 4S R. 21E

DUPLICATE

County Carbon

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)

MONTANA WATER RESOURCES BOARD

RECEIVED

JAN 26 1968

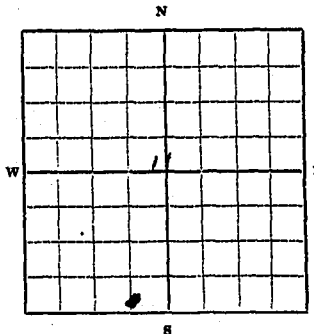
Date of Appropriation of Groundwater November, 1964Owner George Evertz Address Joliet, Montana

Contractor (if any) _____

Address of Contractor _____

Spring was on place when purchased.
Date Started _____ Date Completed _____

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

SM 1/4 Sec. 11 T. 4S R. 21E

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 800 gal.tent estimate approximate lengths of periods of use 800 gal.water per day. Used gallon pail to measure and timeflow to find how much water ran per hour.Signature of Owner George EvertzDate December 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.

43, 104

GW3

File No. 263

T. 4S R. 21

DUPLICATE

County Carbon

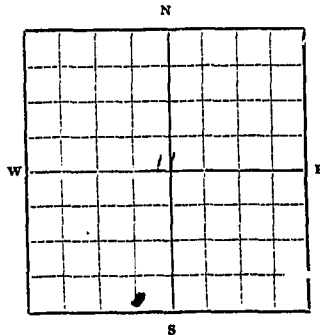
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

ONE HUNDRED AND SEVENTY-THREE

JAN 26 1968



Sec. 11 T. 4S R. 21E

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

Date of Appropriation of Groundwater November, 1964

Owner George Everts Address Jolley, Montana

Contractor (if any) _____

Address of Contractor _____

Spring was on place when purchased.
Date Started _____ Date Completed _____

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

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 800 gal.

water per day. Used gallon pail to measure and time flow to find how much water ran per hour.

Signature of Owner George Everts

Date December 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.

#263 158816

STATE OF MONTANA
COUNTY OF CARBON SS.

Office of the County Clerk & Recorder

I hereby certify that the within
Water appropriation was filed
for record in my office this 11 day
of December A. D. 1963
at 2:38 o'clock P. M.

Attest my hand and the seal of

said County
Frank Daniluk
Clerk and Recorder

By _____ Deputy

Fees \$ 2.00

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—42325

File No. 1121T 4 R 21 Sec 12

DUPLICATE

County Carbon

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

0-12 TOP Soil12-21 Brown ClayNotice of Completion of Groundwater
Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Ludwig Anderson Address Jalisco, MontDriller B & H Drilling Address Jalisco, Mont

Date of Notice of appropriation of groundwater

Date well started Sept 10 1965 Date completed Sept 30 1965Type of well
(Dug, Driven, bored or drilled)Equipment used
(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.

21-85 Grey S shale85-94 Grey Sandstone (inch)

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	6 5/8	1+	27 1/2			
	18.97				106	111
	5 inch	5-	175	3/16 Holes	164	169
	Plastic					

94-128 1/2 Brown S shale128-135 White Sandstone135-146 Grey S shale146-155 Grey Sandstone155-161 Grey S shaleWater ?161-168 Grey Sandstone168-173 Brown S shale173-175 Grey SandstoneN E 1/4 Sec. 12 T 4 R 21
Indicate location of well and place of use, if possible. Each small square represents 40 acres.Static Water Level for non-flowing well 90 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 165 feet
at 11 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested BailerLength of Test 2 hrs

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

(Continue on reverse side)

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

Show exact depth of bottom.

175 ft.

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

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

Driller's License Number

Driller's Signature

42,826

#112-1

165163

STATE OF MONTANA, }
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder.

I hereby certify that the within

Water filing was filed
for record in my office this 15 day
of Nov. A. D. 19 65
at 11:30 o'clock A. M.

Attest my hand and the seal of
said County

FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder

By Long A. Zupen Deputy

Recd \$ 2.00 pd.

Handwritten notes and stamps on the right side of the document, including a large "165163" and various illegible markings.

GW-1

Approved Stock Form—State Publishing Co., Helena, Montana—1933

File No. 1153T. 45 R. 21E

DUPLICATE

County CARBONSTATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

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

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Owner Ludwig, Anderson Address Joliet

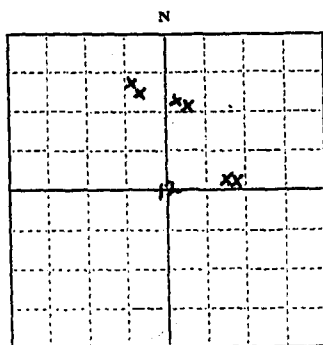
Driller..... Address.....

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

Date well started..... Date Completed Not KnownType of well drilled Equipment Used Rotary
(dug, driven, bored or (Churn, drill, rotary or
drilled) 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)
4"	Not cased		100'			
all 6 wells same in size and depth						

1/4 Sec. 12 T. 45 R. 21E

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

Show exact depth of bottom.

100' on all wells

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

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

Pumping Water Level.....35' feet at.....10 gal. per minute.

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

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).....

drilled by Seismograph CREWS

Driller's License Number.....

Driller's Signature.....

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

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

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

42,824

#1153

165020

STATE OF MONTANA, }
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within

Water filing was filed
for record in my office this 21 day

of Feb. A. D. 1966

at 9:45 o'clock A. M.

Attest my hand and the seal of
said County:

FRANK DANICHEK, COUNTY CLERK

County Clerk

By Tom J. Zupan Deputy

Form 8-206 pl.

GW

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

File No. 330

DUPLICATE

T. 4 R. 21
County Carbon

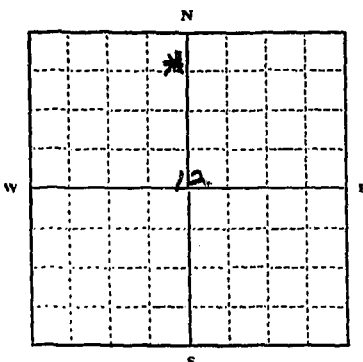
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

JAN 26 1968

Ludwig Anderson of Helena (Name of Appropriator) (Address) (Town)
County of Carbon State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE $\frac{1}{4}$ NW Sec. 12 T. 4 R. 21

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 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 Small lawn and livestock

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

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 about 50 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 207' feet deep 6" casing

10. The estimated amount of groundwater withdrawn each year 36,500 gal

11. The log of formations encountered in the drilling of each well if available Blue shale & grey shale

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

Ludwig Anderson
Date 12-19-63

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

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

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

42,822

#330

158939

STATE OF MONTANA,
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within
Water filing was filed
for record in my office this 19 day
of Dec. A. D. 19 63
at 11:07 o'clock A. M.

Attest my hand and the seal of
said County

FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder

By Long Z. Zupen Deputy

Fees \$ 2.00 pd.

RECORDED
1963
DEC 19

158939
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GW 2

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

File No. 1120T. 4 R. 21

DUPLICATE

County Carbon

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level)

0-2 Sand TOP Soil
2-15 Grey S shaleNotice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

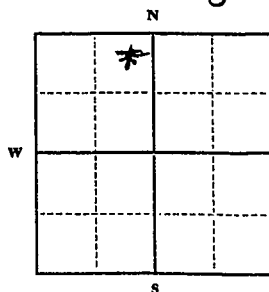
(Under Chapter 237, Montana Session Laws, 1961)

Owner Ludwig Anderson Address Joliet, MontDriller B & H Drilling Address Joliet, Mont15-45 Sand Grey S shale of Notice of appropriation of groundwater.Date well started 9/8/65 Date completed 9/9/6545-52 Brown S shaleType of well Drilled Equipment used Churn Drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)52-60 Grey SandstoneWater use Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐60-66 Brown S shale

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.

RECEIVED
JAN 26 1968

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6 inch	6 5/8 19#	4+	9 1/2			
	4 1/2	6-	66	3/16 Hole	45	55
	Plastic Casing					

Static Water Level for non-flowing well 5 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 45 feet
at 9 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested BuildupLength of Test 2 hrs

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

NE 1/4 NW 1/4 Sec. 12, T. 4, R. 21

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).

Show exact depth of bottom.

66 ft.

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

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

Driller's License Number

Driller's Signature

42,827

#1120

165162

STATE OF MONTANA,
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within
Water filing was filed
for record in my office this 15 day
of Nov A. D. 1965
at 11:25 o'clock A. M.

Attest my hand and the seal of
said County
FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder
By Jerry A. Zupen Deputy
Recs \$ 2.00 pd.

File No. 262

MONTANA WATER RESOURCES BOARD

T. 4 S R 21 E

DUPLICATE

RECEIVED

County Carbon

JAN 26 1968

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

**Notice of Completion of Groundwater
Appropriation by Means of Well**

(Under Chapter 237, Montana Session Laws, 1961)

Surface - 6' Top Soil
6' - 14' Shale
14' - 17' Sandstone

Owner George Everts Address Joliet, Mont.

Driller None Address NA

Date of Notice of Appropriation of Groundwater Dec. 10, 1963

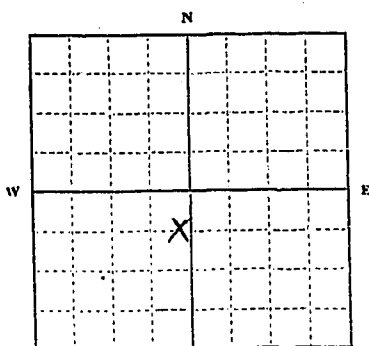
Date well started Aug. 1, 1914 Date Completed Aug. 20, 1914

Type of well Dug Equipment Used Hand Dug
(dug, driven, bored or drilled) (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)
	<u>12" Tile</u>	<u>Surface</u>	<u>Bottom</u>	<u>NA</u>	<u>NA</u>	<u>NA</u>



NE 1/4 Sec. 12 T. 45 R. 21 E

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

Show exact depth of bottom.

17 Feet

Static Water Level for non-flowing Well 6 feet.

Shut-in Pressure for Flowing Well NA

Pumping Water Level 10 feet at 15 gal. per minute.

Discharge in gal. per min. of flowing well NA

How Tested Pump Length of Test 10 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) _____

1/4 Acre Garden

None
Driller's License Number

NA
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.

43,103

#262

158815

STATE OF MONTANA }
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within
Vote Appropriations was filed
for record in my office this 11 day
of December A. D. 19 63
at 2:45 o'clock P. M.

Attest my hand and the seal of
said County

Frank Bruckek
Clerk and Recorder

By _____ Deputy

Fees \$ _____

File No. 327T. 4 R. 21

DUPLICATE

County Carbon

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

WATER RESOURCES BOARD

JAN 26 1968

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1910Owner Margit Anderson Address ForestContractor (if any) none

Address of Contractor _____

Date Started _____ Date Completed _____

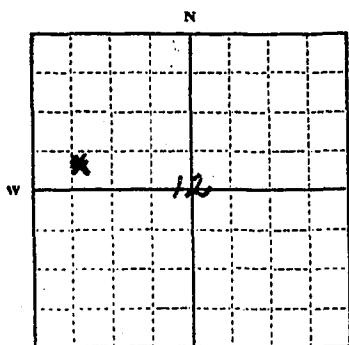
Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable.

natural spring with dam

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

2 gal per hour

Signature of Owner Margit AndersonDate 12-19-63SW $\frac{1}{4}$ NW Sec. 12, T. 4, R. 21

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

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

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

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

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

5327

158936

STATE OF MONTANA }
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within
Water filing was filed
for record in my office this 19 day
of Dec. A. D. 19 63
at 11:00 o'clock A. M.

Attest my hand and the seal of
said County

FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder

By Long Supers Deputy

Fees \$ 20.00 pd.

File No. 329

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

T. 4 R. 21 Sec. 12
County Carbon

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

WATER RESOURCES BOARD

JAN 26 1968

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1/9/10

Owner Ludwig Anderson Address Jaliet

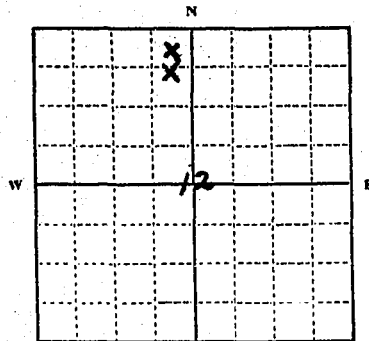
Contractor (if any) none

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.

natural spring



NE 1/4 NW Sec. 12 T. 4 R. 21

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
#1 5 gal per hour
#2 2-2 gal per hour

Signature of Owner Ludwig Anderson
Date 12-9-63

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.

42,821

#329

158938

STATE OF MONTANA }
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within
Water filing was filed
for record in my office this 19 day
of Dec. A. D. 1963
at 11:05 o'clock A. M.

Attest my hand and the seal of
said County

FRANK DANICHEK, COUNTY CLERK
Clerk and Recorder

By Long E. Zupen Deputy

Fees \$ 20.00

File No. 619

DUPLICATE

MONTANA WATER RESOURCES BOARD

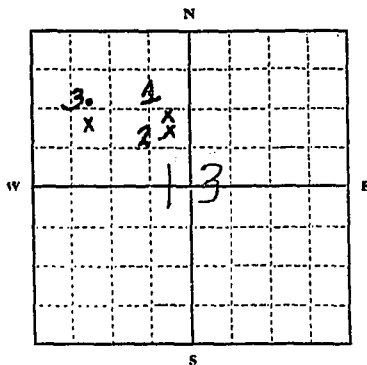
RECEIVED

STATE OF MONTANA
JAN 26 1964
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEERT. 4 R. 21
County Carbon

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. John Vukovich, of Poliet (Name of Appropriator) (Address) (Town)
County of Carbon State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



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 1. to 2 for domestic purposes #3 for stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1 1904, 2 1910 3 1961
4. The amount of groundwater claimed (in miner's inches or gallons per minute) #1. 300 #2. 200 #3. 500
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof (None)
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal 1 pressure system 2 & 3 hand pumps
7. The date of commencement and completion of the construction of the well, wells or other works for withdrawal of groundwater #1 1904 SE NW 13 4-21 #2 1910 SW NW 13-4-21 #3 1961
8. The depth of water table #1 30 ft, #2 12 ft, #3 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 #1 44 ft #2 22 ft #3 55 ft in depth 1 & 2 are dug well #3 has a mine in casing
10. The estimated amount of groundwater withdrawn each year #1 109,500 #2 73,000 #3 192,500
11. The log of formations encountered in the drilling of each well if available 1 & 2 clay & shale. 3 15 ft clay are the rest shale.
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

Date 12/30/63

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

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

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

43.88#

#619

159310

STATE OF MONTANA, }
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within

Appropriation was filed
for record in my office this 30 day
of Dec A. D. 19 63
at 4:15 o'clock P. M.

Attest my hand and the seal of
said County

FRANK DANICHEK, COUNTY CLERK

by Allen E. Graves Deputy
Clerk and Recorder

Fees \$ 2.00

Carbon

Received by Frank Danichek, County Clerk
for the County of Carbon
the sum of \$2.00
on the 30th day of December 1963
Allen E. Graves (Deputy)

File No. 636T. 4-8 R. 21-3

DUPLICATE

County Carbon

MONTANA WATER RESOURCES BOARD

STATE OF MONTANA

RECEIVED

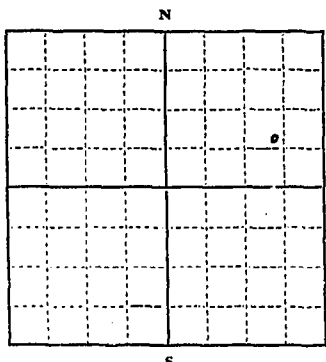
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

JAN 26 1968

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Helge and Norman Anderson, of Box 297 Jellist
(Name of Appropriator) (Address) (Town)County of Carbon State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:2. The beneficial use on which the claim is based For livestock and human consumption3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1910 and has been used since that time during part of the year4. The amount of groundwater claimed (in miner's inches or gallons per minute) 10 gallons per minute5. 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 Applicable6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal The water from this well comes to the surface and is used for stock by means of a tank located below the well. SE $\frac{1}{4}$ of NE $\frac{1}{4}$ Lot 27. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 19368. The depth of water table Surface9. 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 Depth of well 8 feet10. The estimated amount of groundwater withdrawn each year Not available11. The log of formations encountered in the drilling of each well if available Not available12. 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 NoneSignature of Owner Helge Anderson
Norman AndersonDate Dec 24, 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.

42,805

#636

159328

STATE OF MONTANA,
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within

Appropriation was filed
for record in my office this 28 day
of Dec A. D. 19 63
at 5:00 o'clock P. M.

Attest my hand and the seal of

said County
Frank Samichuk
Clerk and Recorder

By _____ Deputy

Fees \$ 2.00

File No. 620T. 4 R. 21County Carbon

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

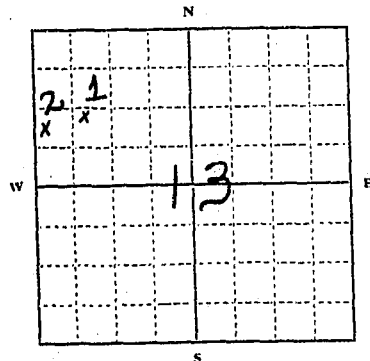
Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

MONTANA WATER RESOURCES BOARD

RECEIVED

JAN 26 1968



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

Indicate point of appropriation
and place of use, if possible.Date of Appropriation of Groundwater 1904Owner John Vukovich Address JolietContractor (if any) noneAddress of Contractor noneDate Started 1904 Date Completed 1904Describe means of obtaining groundwater without a well "as by
sub-irrigation and other natural processes". Include depth to
water when applicable.Natural SpringsQuantity 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.....

1 SW NW 13 4-21 500 gals per day2 SW NW 13 4-21 750 gals per day1 & 2 are used for stock.Used intermittent, 9 months per yr.Signature of Owner John VukovichDate 12/30/63

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.

#620

159311

STATE OF KENTUCKY }
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within
appropriation was filed
for record in my office this 30 day
of Dec A. D. 1963
at 4:17 o'clock P. M.

Attest my hand and the seal of
said County FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder
By Olin E. Graves Deputy

Fee \$ 2.00

4

159311

159311

159311

159311

159311

File No. 585T. 4 R. 21

DUPLICATE

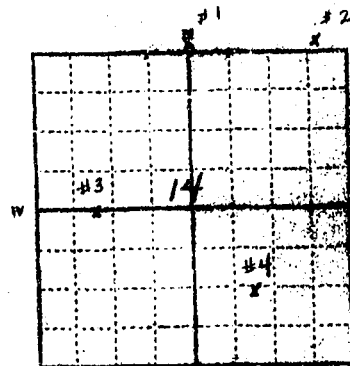
County CARBON

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation

(Under Chapter 105, Montana Statutes, 1945)

JAN 26 1965



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

Date of Appropriation of Groundwater at 1900
Owner Wilbur & Flora Schanck Address Roberts
Contractor (If any) None
Address of Contractor None
Time Started 3+4-1940 Date Completed SAME

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

free flowing - #1 + #2 - cemented
& piped into steel tanks.
free flowing & dams in #3 + #4

Quantity of water diverted and used with explanation of method used to measure or estimate water diverted. If use is intermittent

estimate appropriate lengths of periods of use
All produce 10 miner's
inches. - continuous use

Signature of Owner

Wilbur & Flora Schanck

Date

12/30/63

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; Triuplicate to the Montana Bureau of Mines and Geology and Quadruplicate for the Appropriator.

4/3712

GW 3

Approved Stock Form—State Publishing Co., Helena, Montana—41262

File No. 585

T. 4 R. 21

DUPLICATE

County CARBON

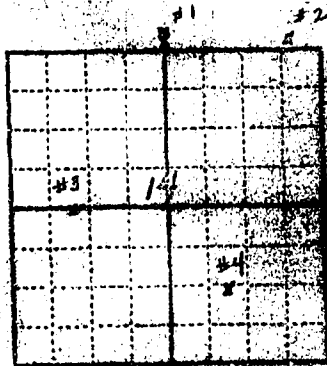
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation

(Under Groundwater Code, Chapter 10, MCA)

120550

JAN 26 1968



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

Date of Appropriation of Groundwater 1900
Owner Wilbur + Flora Schanck Address Roberts
Caretaker (if any) None
Appropriator (if any) None
Date of Completion 3-24-1940 Same

Describe nature of appropriating groundwater without a well, as by infiltration and other natural processes. Indicate depth to water when applicable.

Free flowing - 1 + 2 - cemented
+ piped into steel tanks.
Free flowing flows in 3 + 4

Indicate approximate quantity of product of use.
All produce 10 miner's
inches - continuous use

Signature of Owner Wilbur + Flora Schanck
Date 12/30/63

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; duplicate to the Montana Bureau of Mines and Geology and the Department of the Interior.

43712

#585

159276

STATE OF MONTANA, }
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within
Appropriation was filed
for record in my office this 28 day
of Dec A. D. 19 63
at 2:50 o'clock P. M.

Attest my hand and the seal of
said County FRANK DANICHEK COUNTY CLERK

By Oliver S. Weaver Deputy
County Clerk and Recorder

Fees \$ 2.00

File No. 637

T 4 CR 21
Carbon
County

DUPLICATE

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)

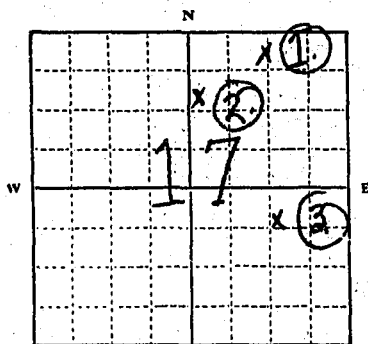
MONTANA WATER RESOURCES BOARD

RECEIVED

JAN 26 1968

Blackman, Ray A. 1910
Date 1910 Ray A. Blackman
1000, Ronald V. & Louisa E. Lloyd
Owner Address None
Contractor (if any) None
Address of Contractor 1910
Date Started 1910 Date Completed 1910

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



17 4 21
1/4 Sec. T R

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

1. NE-NE 17 4-21; 500 gal/p/day, stock .

2. SW-NE " " " ; " " " " " .

3. NESE 17 4-21; " " " " " .

Continuous use on all Springs.

Signature of Owner.....10/3/13

Date 7/7

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.

43, 354

#637

159329

STATE OF MONTANA, }
COUNTY OF CARBON } SS.

John H. the County Clerk & Recorder

I hereby certify that the within

Appropriation was filed
for record in my office this 30 day

of Dec A. D. 19 63

at 5:02 o'clock P. M.

Attest my hand and the seal of
said County

Frank Samuels
Clark and Recorder

By _____ Deputy

Fees \$ 2.00

GW 3

File No. 420

T. 4 R. 21

DUPLICATE

County Carbon

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)

MONTANA WATER RESOURCES BOARD
RECEIVED
JAN 26 1968

Date of Appropriation of Groundwater unknown

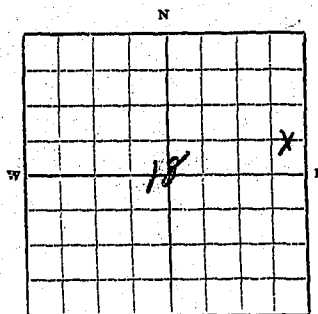
Owner..... Address.....

Contractor (if any)

Address of Contractor

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

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



SE $\frac{1}{4}$ NE Sec. 18 T. 4 R. 21

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

6 gal minute

Signature of Owner J. L. Sagrera

Date Dec 24, 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.

43723

#420

159092

STATE OF MONTANA,
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within
Appropriation was filed
for record in my office this 26 day
of Nov. A. D. 1963
at 3:05 o'clock P. M.

Attest my hand and the seal of
said County

Frank Smulik
Clerk and Recorder

By _____ Deputy

Fees \$

2.00

File No. 591T. 1 S R. 21 E

DUPLICATE

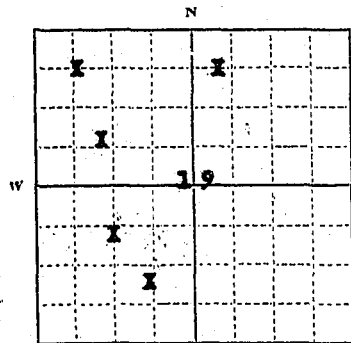
County CARBON

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)

RECEIVED
JAN 26 1963

Date of Appropriation of Groundwater December 30, 1963Owner Phil Karvonen Address Roberts, MontanaContractor (if any) NoneAddress of Contractor NoneDate Started None Date Completed NoneDescribe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. Springs and sub-irrigationDepth of water unknown.W₁ and
W₂ and
W₃ and
W₄ and1/4 Sec. 19 T. 1 S R. 21 E

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. Dammed for garden irrigation. Quantity varies according to water supply. Used from about May 1 thru October 1. Piped spring water for household use, used year around.Signature of Owner Phil KarvonenDate 1-2-30-63

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.

43,359

#591

159282

STATE OF MONTANA, }
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within
Appropriation was filed
for record in my office this 30 day
of Dec A. D. 19 63
at 3:05 o'clock P. M.

Attest my hand and the seal of
said County
FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder
By Charles E. Kinner Deputy

Fees \$ 2.00

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

RECEIVED

County Carbon

DRILLER'S LOG

JAN 31 1973

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 Gordon Traveck

Address Joliet, MT

Date well started 11-15-72

completed 11-16-72

For Administrator's Use

File 1380; 187421

Jan 30, 1973

GW 1 11:25 A.M.

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used churn drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

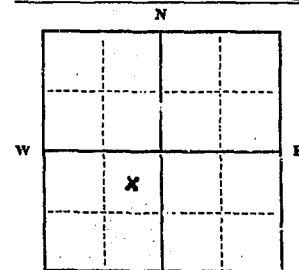
Industrial ☐ Drainage ☐ Other ☐ * Garden/Lawn ☒

*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	From (Feet)	To (Feet)
6"	6 5/8 7.02	+ 18"	3"	none		
	4 1/2" 160 pst plastic	6	76	3/16" drilled holes	56	70



NE 1/4 SW 1/4 Sec. 21
T. 4 S N R. 21 E
S W

Static water level 10 ft.*
Pumping water level 70 ft.*
at 30 gallons per minute,
measured 30 minutes after pumping began.

*Measured from ground level.
Well developed by bailer
for 1 1/2 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 Paul L. Hagan

Driller's Address Fishtail, MT

LICENSE NO. 27

76

Show exact depth of bottom

52,311

#1380

187421

STATE OF NEW YORK }
COUNTY OF CATTARAUGUS } SS.

Office of the County Clerk & Recorder

I hereby certify that the within
appropriation was filed
for record in my office this 30 day
of Jan A. D. 19 13
at 11:05 o'clock A. M.

Attest my hand and the seal of
said County
Frank Danckel
Clerk and Recorder

By Deputy

Per \$ 2.00

File No. 643

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

DUPLICATE

T. _____ R. _____

County _____

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation
~~Without~~ Well

(Under Chapter 237 Montana Session Laws, 1961)

MONTANA WATER RESOURCES BOARD
RECEIVED
JAN 26 1968

Date of Appropriation of Groundwater 1895-6-15
Owner Edgar Gruel Address Juliet, Mont.
Contractor (if any) _____

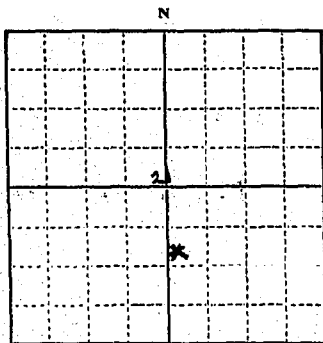
Address of Contractor _____
Date Started 6-15-1895 Date Completed 6-15-1895

Describe means of obtaining groundwater without a well "as by sub-irrigation and other natural processes". Include depth to water when applicable. 3 ft to water

furnishes approximately
5000 gals per 24 hr day -
used for Domestic and
Stockwater.

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 all year
1 year -



NW 1/4 SE Sec 21 T4 R21

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

Signature of Owner Edgar Gruel

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.

43164

#643

159335

STATE OF MONTANA,
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder:

I hereby certify that the within
Appropriation was filed
for record in my office this 30 day
of Dec A. D. 1963
at 5:17 o'clock P. M.

Attest my hand and the seal of
said County
Frank Samalik
Clerk and Recorder

By _____ Deputy

Fees \$ 2.00

RECEIVED

County Carbon

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

OCT 4 1972

NOTICE OF COMPLETION OF GROUNDWATER
APPROPRIATION BY MEANS OF WELL

Developed after January 1, 1962

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.

(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 Clarence Johnson

Address Joliet, MT

Date well started 6-1-72

completed 6-6-72

For Administrator's Use

File # 1369 186043

Oct. 3, 1972 - 10:40 a.m.

GW 1

Type of well drilled

(Dug, driven, bored or drilled)

Equipment used churn drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

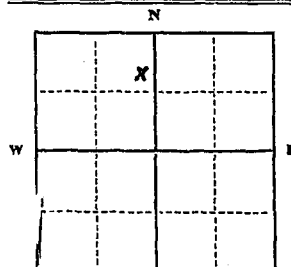
Industrial ☐ Drainage ☐ Other ☐* Garden/Lawn ☐

*Describe

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

ESTIMATED ANNUAL WITHDRAWAL 120,000 Gal.

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
6"	6 5/8" 18.97	448"	20'			
	6 1/2" 200 lb.	-10'	63'	3/16"	-43'	58'



NW 1/4 SE 4

NE 1/4 Sec. 21

T. 4S. N. R. 21E

S

E

Static water level 7 ft.*
Pumping water level 15 ft.*
at 30 gallons per minute,
measured 15 minutes after pumping
began.

*Measured from ground level.

Well developed by bailer
for 2 hours.

Power..... Pump..... HP

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

casing drove into solid
rock 22 feet.

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

Driller's Signature

Red L. Haugen

Driller's Address Fishtail, MT

LICENSE NO. 27

63'

Show exact depth of bottom

51,528

#1369 186043

STATE OF MONTANA,
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder.

I hereby certify that the within
Appropriation was filed
for record in my office this 3 day
of Oct A. D. 19 72
at 10:40 o'clock A.M.

Attest my hand and the seal of
said County
Frank Sawicki
Clerk and Recorder.

By _____ Deputy
Page 8 2

File No. 642

T. _____

R. _____

DUPLICATE

MONTANA WATER RESOURCES BOARD

County Carbon

RECEIVED

STATE OF MONTANA

JAN 26 1968

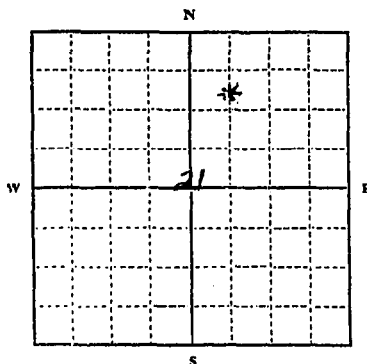
ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Edgar Leuch (Name of Appropriator), of Julien Montane (Address),
 County of Carbon State of Montana
 have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW 1/4 NE Sec. 21 T. 4 R. 2-1

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 Domestic & Stock water - Irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been has been used since 1900 -
4. The amount of groundwater claimed (in miner's inches or gallons per minute) approximately 10-12 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 for garden use - immediately adjacent to well -
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal Gravity

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

8. The depth of water table unknown -

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater This project is a dug well approximately 3 1/2 ft deep at head of a spring. It is located 25 feet from the lower ground -

10. The estimated amount of groundwater withdrawn each year Not known - approximately 1,000,000 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

Signature of Owner Edgar LeuchDate 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.

42163

#642

159334

STATE OF MONTANA, }
COUNTY OF CARBON, } SS.
Office of the County Clerk & Recorder

I hereby certify that the within
Appropriation was filed
for record in my office this 30 day
of Dec A. D. 19 63
at 5:15 o'clock P. M.

Attest my hand and the seal of
said County
Frank Samilek
Clerk and Recorder

By _____ Deputy

Fees \$ 2.00

159334
12-30-63
Frank Samilek
Clerk and Recorder

File No. _____

T. 45 R. 21E

DUPLICATE

MONTANA WATER RESOURCES BOARD

RECEIVED

County Carbon

LOG

JUN 9 1971

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Top of Ground _____

(Elev. above sea level _____)

0-6 Top Soil

0-12 GRAVEL

12-47 GREY SHALE

Doc. No. _____

Filed for record

This 8 day of JuneA. D. 19 71 at 2:20o'clock P. M.Notice of Completion of Groundwater
Appropriation by Means of Well

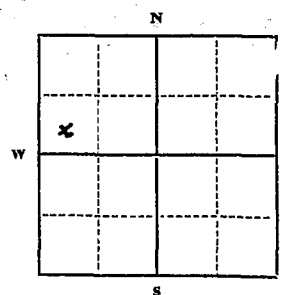
DEVELOPED AFTER JANUARY 1, 1962

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

Owner Clarence Johnson Address Joliet, Mont.Driller B. E. H. Drilling Address Joliet, Mont.Date of Notice of appropriation of groundwater 2/22/71Date well started 2/12/71 Date completed 2/15/71Type of well Drilled Equipment used Churn
(Dug, driven, bored or drilled) (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"	+1'	14'			
	18-47lb.					
	4 1/2"	-7'	47'	none		
	Plastic			3/16" holes	30'	40'

Static Water Level for non-flowing well 7' feet.

Shut-in Pressure for Flowing Well _____

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

Discharge in gal. per min. of flowing well _____

How Tested BailingLength of Test 2 hr.Remarks: (Gravel packing, cementing, packers, type of shutoff) Set steel into shaleSee 1/4 Sec 22 T. 45 R. 21E
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).

Show exact depth of bottom.

47'

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

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

Driller's License Number

Driller's Signature D. L. Hanger

48589

1312

181751

COUNTY OF CARRON } SS.
Office of the County Clerk & Recorder

I hereby certify that the within
Appropriation was filed
for record in my office this Six day
of June A. D. 19 71
at 2:20 o'clock P. M.

Attest my hand and the seal of
said County

FRANK DANICHEK COUNTY CLERK

CLERK and Recorder

Alma E. Givens Deputy

Page 2 of 2

G1

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

File No. 583T. 4 R. 21

DUPLICATE

County Carbon

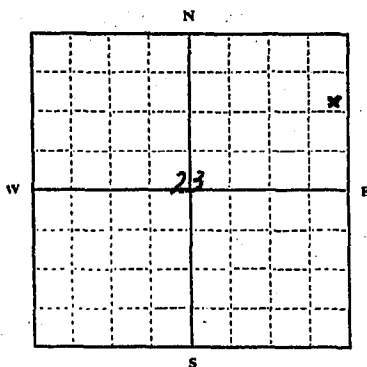
JAN 26 1968

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Flora C. Schanck of Roberts
(Name of Appropriator) (Address) (Town)
County of Carbon State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

NE 1/4 Sec. 23 T. 4 R. 21

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

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

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute)
20 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
No irrigation

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

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

8. The depth of water table
30'

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
80 feet deep
6" casing

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

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

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
Well is capped at present (None) + not in use

Signature of Owner Flora C. Schanck byDate 12/30/63

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

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

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

43710

#583

159274

STATE OF MONTANA, }
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within
Appropriation was filed
for record in my office this 30 day
of Dec A. D. 19 63
at 2:45 o'clock P. M.

Attest my hand and the seal of
said County

FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder

By Alice E. Graves Deputy

Fees \$ 2.00

T. _____ R. _____

County Carbon

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
MAY 15 1961

WATER WELL LOG STATE ENGINEER

Owner J. C. FOSTER Address Billings, Montana

Driller B & H Drilling Address Fishtail, Montana

Date Started 5-3-61 Date Completed 5-6-61

Location: Sec. 23 T. 4 S. R. 21 E. $\frac{1}{4}$ sec.

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

Water use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

Industrial ☐ Drainage ☐ Other: _____

Casing: 0 ft. to 16' 6" ft. Type Black Size 6 in.

Casing: _____ ft. to _____ ft. Type _____ Size _____

Casing: _____ ft. to _____ ft. Type _____ Size _____

Perforated or Screened: Ft. _____ to _____ Ft. _____ to _____

Type of screen or perforations _____

Static Water level, for non-flowing well: 11 feet.

Shut-in pressure, for flowing well: _____ lb./sq. in. on: _____ (date)

Pumping water level 35 feet at 15 gal. per min.

How tested: Bailer

Length of test One hour.

Remarks: (Gravel packing, cementing, packers, type of shut-off, depth of shut-off)

②

(over)

Log of Well

[illegible]

GW-3

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

File No. 688T. 4 R. 21

DUPLICATE

County CARBON

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

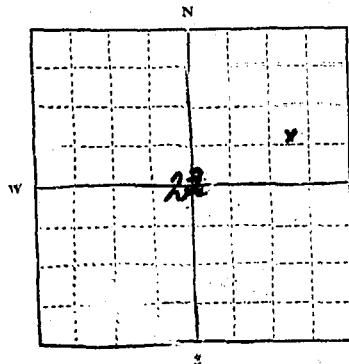
**Notice of Completion of Groundwater Appropriation
Without Well**

(Under Chapter 237 Montana Session Laws, 1961)

RECEIVED
JAN 26 1968

Date of Appropriation of Groundwater 1900Owner Myrtle Cassidy Address BoydContractor (if any) NoneAddress of Contractor NoneDate Started 1900 Date Completed 1900

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

SE $\frac{1}{4}$ NE, Sec 23, T.4, R.21

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

free flowing

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

2 gal./minute - intermittentSignature of Owner Myrtle CassidyDate Dec 31 - 1963

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

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

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

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

42,962

#688

159380

STATE OF MONTANA, SS.
COUNTY OF CARBON

Office of the County Clerk & Recorder

I hereby certify that the within
Appropriation was filed
for record in my office this 31 day
of Dec A. D. 19 63
at 9:35 o'clock A. M.

Attest my hand and the seal of
said County
FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder
By Alice E. Graves Deputy

Fees \$ 2.00

File No.

DUPLICATE

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARDTop of Ground 0-2 ft TOP Soil

(Elev. above sea level)

Notice of Completion of Groundwater

Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

Owner 2-31 Gravel & Sand Carbon County Cattle Co Address Boyd, Mont
Driller B.H. Drilling Address 7 N. 1st St. Mont

Date of Notice of appropriation of groundwater

Date well started 2-27-70 Date completed 5-1-70

Type of well

Equipment used

(Dig, driven, bored or drilled)

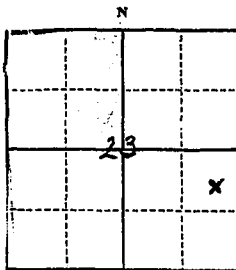
(Churn drill) rotary or other

Water use:

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

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

Size of Drilled Hole	Depth and Interval	From (Feet)	To (Feet)	PERFORATIONS
		Kind and Size	From (Feet)	To (Feet)
8 inch	1' 4" to 2' 4"	Type 304 Stainless 40 Slat Johnson well screen	24	31
	85/8"			
	24"			

Doc. No. 179042

Filed for record

this 14 day of AprilA.D. 19 70at Boyd clock 1Static Water Level for non-flowing well 5 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 30 feetat 152 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Test PumpLength of Test 6 hrs

Remarks: (Gravel packing, cementing, pack-

ers, type of shutoff) This wellhas 40 Slat 8 ftStainless wellScreen. 40 ft wellPumps 152 gals per min. But5' gravel only be Pumped at 130 - 150

Continue on reverse side

NE 1/4 Sec. 23, T. 14 N., R. 10 E., S. 14 S.
Indicate location of well and place of use, if possible. Each small square represents 40 acres.NE 1/4 Sec. 23, T. 14 N., R. 10 E., S. 14 S.

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.

31 ft.

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

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

Driller's License Number

Driller's Signature Paul L. Hargen

47295

1288

179049

STATE OF MICHIGAN
COUNTY OF LANSING } SS.

Office of the County Clerk & Recorder

I hereby certify that the will

was first

for record in my office this 31st day

of July A. D. 1920

at 3:55 o'clock P. M.

Attest my hand and the seal of

said County

FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder

Alma E. Hines

Fees \$ 2.50

Handwritten notes and stamps on the right side of the page, including a vertical stamp that reads "RECORDED" and various handwritten numbers and dates.