

File No. 1030

JAN 26 1964

T. 6S R. 18E - 4

TRIPLICATE

County CarbonSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERTop of Ground Top Soil c-5'  
(Elev. above sea level.....)Notice of Completion of Groundwater  
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

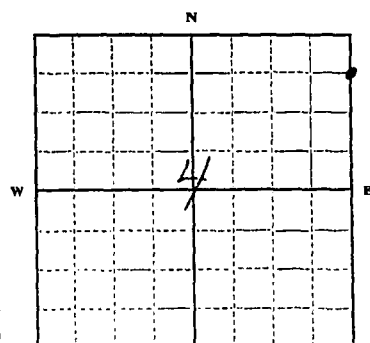
Owner Larry E. Punch Address Passaic, Mont.Driller B. H. Drilling Address Fitchburg, Mont.

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

Date well started 1/30/64 Date Completed 1/31/64Type of well Drilled Equipment Used Churn drill  
(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 inch	19#	1+	27			
	Electric	10-	50	3/4	27	33
				Holes	34	45

NE 1/4 NE Sec. 4 T. 6 R. 18  
Indicate location of well and place of use, if possible. Each small square represents 10 acres.

Show exact depth of bottom.

50 feetStatic Water Level for non-flowing Well 21 feet.

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

Pumping Water Level 21 feet at 4.5 gal. per minute.

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

How Tested 21 Length of Test 2 hours

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).....

NE 17  
Driller's License NumberB. H. Drilling  
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.

43,387

41030

160190

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 20 day  
of Feb. A. D. 19 64  
at 11:15 o'clock A. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK COUNTY CLERK  
Clerk and Recorder

By Tony J. Zupan Deputy  
Fees \$ 2.00 pl.

File No. 301

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

DUPLICATE

T. 6 S. R. 18 E

County Carbon

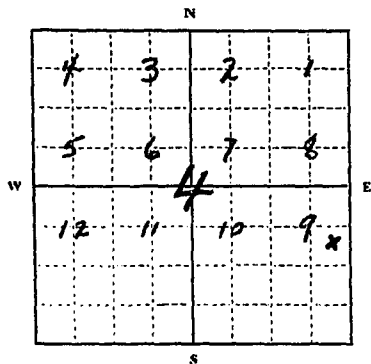
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 26 1968

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Larry E. L. Ranch Corp, of Roscoe  
(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:



Lot 9  
1/4 Sec. 4 T. 6 S. R. 18 E

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

- The beneficial use on which the claim is based...  
domestic water supply
- Date or approximate date of earliest beneficial use; and how continuous the use has been...  
1910  
continuous
- The amount of groundwater claimed (in miner's inches or gallons per minute)...  
8 gal per minute
- If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
- The means of withdrawing such water from the ground and the location of each well or other means of withdrawal...  
electric pump
- The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater...  
1910
- The depth of water table...  
6 ft
- 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, rocked up, 20 ft deep,  
1 1/4 inch suction pipe
- The estimated amount of groundwater withdrawn each year...  
100,000 gal
- The log of formations encountered in the drilling of each well if available...  
not available
- 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 Larry E. L. Ranch Corp  
W. William R. Marking  
Date Dec 14, 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.

43.440

#301

158902

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 17 day  
of Dec. A. D. 19 63  
at 3:20 o'clock P. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK COUNTY CLERK

Clerk and Recorder

By Tommy A. Zupan Deputy

Fees \$ 2.00 pd.

File No. 1196T. 6 S R. 18 E

DUPLICATE

County Carbon

LOG

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**  
DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

0-8 TOP Soil8-13 gravel & sand water13-17 Broken Sandstone17-25 Hard grey sandstoneOwner Red Mac Kay Address Parade, MontDriller B & H Drilling Address Freshwater, Mont.25-46 grey shale

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

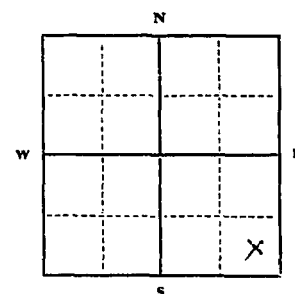
46-56 grey sandstoneDate well started 5/8/67 Date completed 5/9/67Type of well Drilled Equipment used Churn drill

(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 inch	280	1+	10	NO VE		
	65/8	3-	56	3/16	45	50
	4 1/2			Hole		

Static Water Level for non-flowing well  
12 feet.

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

Pumping Water Level 30 feetat 45 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).....

SE 1/4 Sec. 7 T. 6 S. R. 18 E  
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.

56 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

Red L. Langley  
Driller's Signature.

43,454

#1196

169706

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 29 day

of May A. D. 19 67

at 11:05 o'clock A.M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK

Clerk and ex-officio

Long A. Zupan Deputy

Fees \$ 2.00 pd.

File No. 298

T6 S. R. 18 E

DUPLICATE

County Carbon

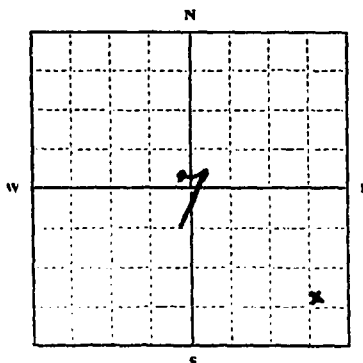
JAN 26 1968

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. William R. Mackay, of Roscoe  
(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:



SE 1/4 SE Sec. 7 T6 S. R. 18 E

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.....  
lawn sprinkling
3. Date or approximate date of earliest beneficial use; and how continuous the use has been.....  
1940  
5 months each year
4. The amount of groundwater claimed (in miner's inches or gallons per minute).....  
15 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof.....  
.....
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal.....  
electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater.....  
1940
8. The depth of water table.....  
30 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater.....  
drilled, 6 inch casing, 45 ft deep,  
1 1/2 inch suction pipe
10. The estimated amount of groundwater withdrawn each year.....  
170,000 gal
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 William R. MackayDate Dec 14, 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.

43,498

#298

158300

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 17 day  
of Dec. A. D. 19 63  
at 3:05 o'clock P. M.

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

Clerk and Recorder

By Jonny S. Zupan Deputy  
Fees \$ 2.00 pd.



File No. 297T. 6 S. R. 18 E.

DUPLICATE

County Carbon

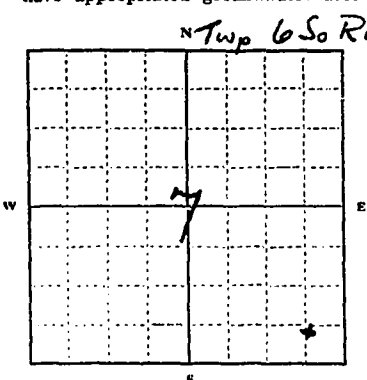
JAN 26 1968

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. William R. Mackay, of Roscoe  
(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:

SE  $\frac{1}{4}$  Sec. 7 T. 6 S. R. 18 E

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 water supply
3. Date or approximate date of earliest beneficial use; and how continuous the use has been  
1939  
6 months each year
4. The amount of groundwater claimed (in miner's inches or gallons per minute)  
30 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal  
electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater  
1939
8. The depth of water table  
60 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater  
drilled, 6 inch casing, 75 ft deep,  
2 inch suction pipe
10. The estimated amount of groundwater withdrawn each year  
700,000 gal
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 William R. MackayDate Dec 14, 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.

43,497

#297

158398

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 17 day  
of Dec. A. D. 1963  
at 3:00 o'clock P. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder

by Louie A. Zupan Deputy

Fees \$ 200.00

File No. 299T. 6 S. R. 18 E.

DUPLICATE

County Carbon

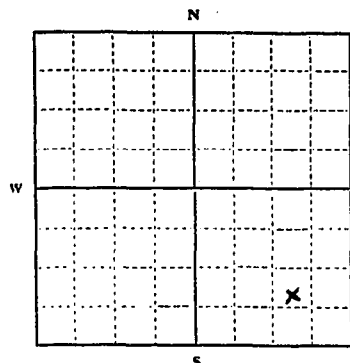
JAN 26 1968

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Lazy E. L. Ranch Corp, of Roscoe  
(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:

SE  $\frac{1}{4}$  SE Sec 7 T6S R18E

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 water supply
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1953  
each month
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 gal per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal electric pump
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1953
8. The depth of water table 30 ft
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled, 6 inch casing, 45 ft deep, 1 1/2 inch suction pipe
10. The estimated amount of groundwater withdrawn each year 170,000
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

Lazy E. L. Ranch Corp  
William R. Marking  
Date Dec 14, 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.

43,438

#299

158900

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 17 day  
of Dec. A. D. 19 63  
at 3:10 o'clock P. M.

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

Clerk and Recorder

by Tommy J. Zupan Deputy  
Fees \$ 2.00 pd.

File No. 300T. 6 S. R. 18 E.

DUPLICATE

County Carbon

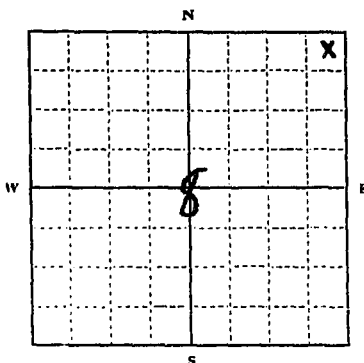
JAN 26 1968

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Wazy E. L. Ranch Corp., of Rescoe  
(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  $\frac{1}{4}$  NE Sec. 8 T. 6 S. R. 18 E.

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 1940  
continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gal. per minute
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal free flowing
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1940
8. The depth of water table 40 ft.
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater drilled, 4 inch casing, 40 ft. deep, 1/2 inch pipe into stock tank
10. The estimated amount of groundwater withdrawn each year 50,000 gal.
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

Wazy E. L. Ranch Corp.  
Signature of Owner William R. Mackay  
Date Dec 14, 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; Triuplicate to the Montana Bureau of Mines and Geology, and Quadruplicate for the Appropriator.

43,439

#300

158901

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 17 day  
of Dec. A. D. 19 63  
at 3:15 o'clock P. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder

by Long A. Zupen Deputy

Fees \$ 2.00 pd.

File No. 557

T. R.

DUPLICATE

County Carbon

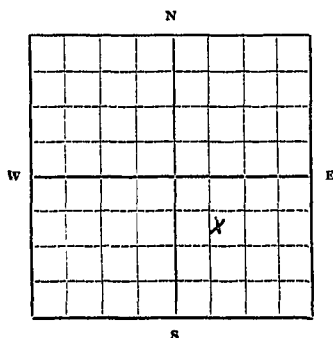
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ARCHIE HARRISON, of Roscoe, (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:



SE 1/4 Sec. 12 T. 6 R. 18

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

2. The beneficial use on which the claim is based HOUSE HLD USE + GARDEN USE

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 GAL PER MINUTE

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

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

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

8. The depth of water table 5 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 5 ft in Diameter + 12 ft deep

10. The estimated amount of groundwater withdrawn each year 525,600 gal

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

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

Signature of Owner Archie Harrison

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.

43,228

#557

159248

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 1:20 o'clock P. M.

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

by \_\_\_\_\_ Deputy  
Page 8 2



File No. 563T. 6 R. 18

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)

RECORDED  
JAN 26 1963

Date of Appropriation of Groundwater 1910Owner J. H. Burnett Address LutherContractor (if any) NoneAddress of Contractor NoneDate 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.

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.

10 Meters inches

continuous - stock water

Signature of Owner

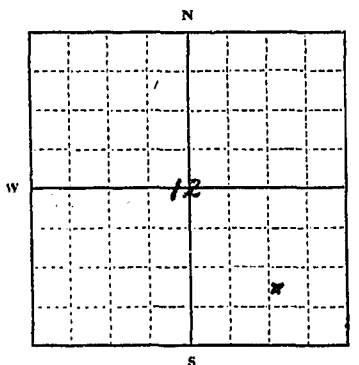
Date 12/30/62

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.



SE 1/4 SE Sec. 12 T. 6. R. 18.

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

563

159254

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 1:50 o'clock P. M.

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

Alice E. Weaver Clerk and Recorder  
Deputy

Page & 2 00

GW 3

File No. 227T. 6 R. 18E

DUPLICATE

County CARBON

MONTANA WATER RESOURCES BOARD

STATE OF MONTANA

RECEIVED

ADMINISTRATOR OF GROUNDWATER CODE

JAN 26 1968

OFFICE OF STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

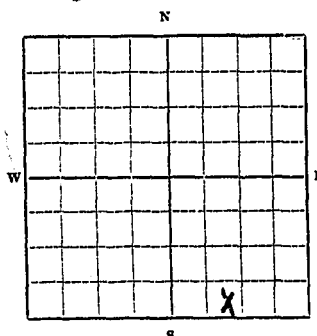
Date of Appropriation of Groundwater .....

Owner Louis and Raymond Boggio Address ROSCOE

Contractor (if any) .....

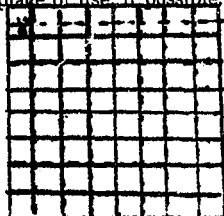
Address of Contractor .....

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 SPRINGSSURFACE AND RUN OFF

..... 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 12 MONTHSSignature of Owner Louis E. Boggio Raymond BoggioDate Nov. 26, 19634 - SEC. 12 - T. 6 - R. 18E

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.

42,923

#227

158623

STATE OF MONTANA. }  
COUNTY OF CARBON } SS.

Office of the County Clerk & Recorder

I hereby certify that the within

Water Approp. was filed  
for record in my office this 24<sup>th</sup> day

of Dec. A. D. 1963

at 1:20 o'clock P. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder

By Long J. Zupar Deputy

For \$ 50.00 pd.

10  
17  
18  
19  
20  
21  
22  
23  
24  
25  
26  
27  
28  
29  
30  
31  
32  
33  
34  
35  
36  
37  
38  
39  
40  
41  
42  
43  
44  
45  
46  
47  
48  
49  
50  
51  
52  
53  
54  
55  
56  
57  
58  
59  
60  
61  
62  
63  
64  
65  
66  
67  
68  
69  
70  
71  
72  
73  
74  
75  
76  
77  
78  
79  
80  
81  
82  
83  
84  
85  
86  
87  
88  
89  
90  
91  
92  
93  
94  
95  
96  
97  
98  
99  
100

RECORDED  
INDEXED  
DEC 24 1963  
CARBON COUNTY

12-24-63

T 6 B 18

County Calaveras

JAN 26 1969

(Under Chapter 237, Montana Session Laws, 1961)

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

- Signature of Owner.....

Date 12-30-63

43,222

#569

159260

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 2:10 o'clock P. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK  
Clerk and Recorder  
By Alice Graves Deputy

Fees \$ 2.00

File No.

**RECEIVED**T. 6 S. R. 18 E.

DUPLICATE

JAN 18 1972

County CarbonLOG  
MONTANA DEPARTMENT OF NATURAL  
RESOURCES AND CONSERVATIONSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

Top of Ground

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

Top Soil

8-18 Brown Sandstone

18-37 Blue Shale

37-40 Brown Sandstone

40-46 Blue Shale

46-47 Coal

47-55 Blue Shale

55-57 Brown Sandstone

57-63 Blue Shale

63-78 Brown Sandstone (Water)

78-86 Blue Shale

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

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Duane Howard Address Butte, Mont.Driller B & H Drilling Address Fishtail, Mont.

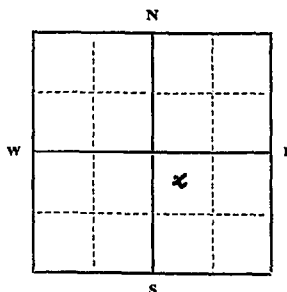
Date of Notice of appropriation of groundwater.....

Date well started 12/4/71 Date completed 12/6/71Type of well Drilled Equipment used Churn drill  
(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.

#1336  
Doc. No. 183584  
Filed for record  
this 17 day of January  
A. D. 19 72, at 10:25  
o'clock A.M.

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 18.97	1+	11	None		
	4 1/2" casing 6-		86	3/16 Holes	71	81

Static Water Level for non-flowing well  
30 feet.

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

Pumping Water Level 75 feet  
at 20 gal. per minute.

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

How Tested SnifferLength of Test 2 hrs

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

Drive Steel into brown Sandstone 3 ft.Indicate location of well and place of use, if possible. Each small square represents 40 acres.  
220 1/4 Sec 13 T 65 R 18E

(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).

Water is for stock, it has a sulphur and odor.

Show exact depth of bottom.

86 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.

No 37.

Driller's License Number

Paul L. Haughey  
Driller's Signature.

49,766

#1336

183584

COUNTY OF CLATSOP ) ss.  
Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 17th day  
of January A. D. 1974  
at 10:25 o'clock A. M.

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

Alvin E. Weaver Deputy  
Clerk and Recorder

Fees \$ 25.00



File No. 570

DUPLICATE

T. 6 R. 18County Golden

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)

JAN 26 1963

Date of Appropriation of Groundwater 1873Owner John C. Hark Address Bozeman, MontanaContractor (if any) noneAddress of Contractor noneDate Started none Date Completed none

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

manure field  
refers to house for domestic use  
2 open fields

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

estimate approximate lengths of periods of use continuous

10 acres irrigated intermittent

20 acres irrigated intermittent

Signature of Owner John C. HarkDate 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.

43,224

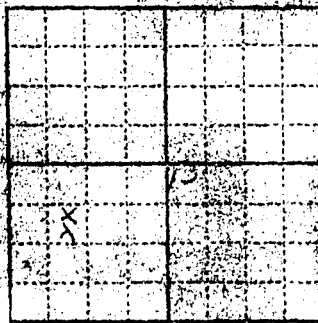
File No. 570

DUPLICATE

T 6 R 18  
County CarbonSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERNotice of Completion of Groundwater Appropriation  
Without Well

(Under Chapter 287 Montana Session Laws, 1961)

JAN 26 1963



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

Date of Appropriation of Groundwater 1893Owner John Otto Hark Address Bozeman, MontanaContractor (if any) noneAddress of Contractor noneDate Started none Date Completed none

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

normal flow  
1- 10 mm/sec  
2- 5 mm/sec

Quantity of water developed, with explanation of method used to measure or estimate quantity. If use is intermittent

estimate approximate length of periods of use continuous

1- 10 mm/sec intermittent  
2- 5 mm/sec intermittent

Signature of Owner John Otto HarkDate 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.

43,224

#570

159261

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 2:12 o'clock P. M.

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

By \_\_\_\_\_ Deputy  
Fees \$ 2 00

File No. 773

DUPLICATE

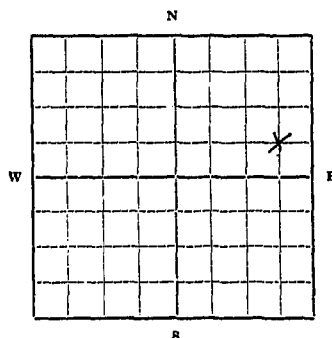
T. 6 R. 18County CarbonSTATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 26 1963

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. W. A. Niemi of Luther  
(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:



N.E. 1/4 Sec. 14 T. 6 R. 18

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

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

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 8/25/59

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 15 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 none

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 8/24/59 --- 8/25/59

8. The depth of water table 3 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 pump 1.75" water to 34 ft

10. The estimated amount of groundwater withdrawn each year 40,000 gals

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

From	To	Description
0	3	Top Soil
3	11	Sand & Gravel
11	15	Gray Clay
15	24	Shale
24	29	6.25" Sandstone (water)
29	34	11" Clay

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 W. A. NiemiDate 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.

43,505

773

159481

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 31 day  
of Dec A. D. 19 63  
at 3:37 o'clock P. M.

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

no. \_\_\_\_\_ Dep. \_\_\_\_\_

Fees \$ 2.00

File No. 283T 6 R 18

DUPLICATE

County Carbon

MONTANA WATER RESOURCES BOARD

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

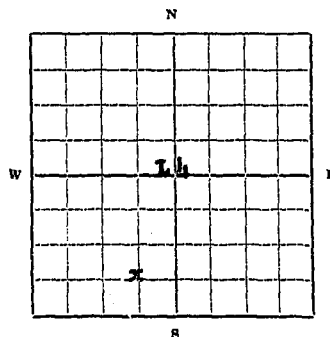
JAN 26 1968

**Declaration of Vested Groundwater Rights**

(Under Chapter 237, Montana Session Laws, 1961)

1. Claud J. Blakely, of Rosecoe  
(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:

SE 1/4 SW 1 Sec. 14 T. 6 R. 18

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 watering stock
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1928  
continuous
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1000 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
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal runs continuously
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
8. The depth of water table
9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
10. The estimated amount of groundwater withdrawn each year 1000 inches per minute
11. The log of formations encountered in the drilling of each well if available
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner Claud J. BlakelyDate October 19, 1963

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

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

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

42933

#283

158852

STATE OF MONTANA, }  
COUNTY OF CARBON } 99.

Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 13 day  
of December A. D. 19 63  
at 11.55 o'clock A. M.

Attest my hand and the seal of  
said County

Frank Danulak  
Clerk and Recorder

By \_\_\_\_\_ Deputy

Fees \$ 2<sup>00</sup>

CW 3

File No. 284

T 6 R 18

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 1928

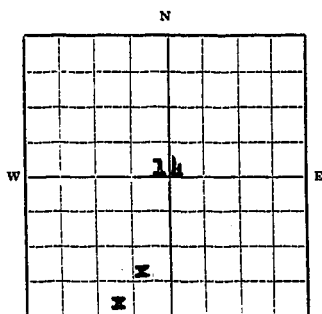
Owner Claud J. Blakely Address Roscoe, Montana

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. 2 springs



SE 1/4 SW 1/4 Sec. 14 T 6 R 18

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

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

Used for watering stock

Signature of Owner Claud J. Blakely

Date October 19, 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.

42,934



#284 158853

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

I hereby certify that the within  
Appropriation was filed  
for record in my office this 13 day  
of December A. D. 19 63  
at 11:56 o'clock A. M.

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

By \_\_\_\_\_ Deputy

Fees \$ 2.00

Form No. 18  
8-60

T. \_\_\_\_\_ R. \_\_\_\_\_

County Carbon

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED

Water Well Log

STATE ENGINEER


Owner T. A. DONNES Address Luther, Montana

Driller M & H Drilling Address Fishtail, Montana

Date Started 12-12-60 Date Completed 12-13-60

Location: Sec. 15 T. 6 R. 18  $\frac{1}{4}$  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 23 ft. Type Black Size 6 in.

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static water level, for non-flowing well: 6 feet.

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

Pumping water level 26 feet at 5 gal. per min. \_\_\_\_\_

How tested: Baler

Length of test One hour

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

(over)

## Log of Well

[illegible]

File No. 953T. 6 S R 18 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)

RECORDED

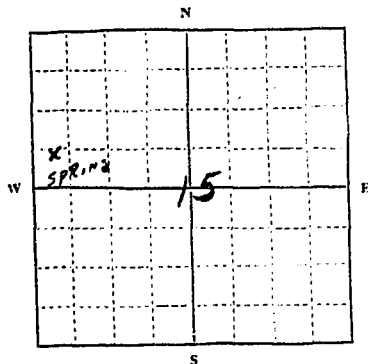
JAN 26 1963

Date of Appropriation of Groundwater MAY 1912 CONTINUOUSOwner MRS. NELLIE B. BRANGER Address POSCOEContractor (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. OPEN NATURAL SEEPAGE

W.  $\frac{1}{4}$  NW Sec. 15 T. 6 S R. 18 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

THIS SPRING SHOWS APPROXIMATELY  
500 GALLONS PER DAY 12 MONTHS A YEAR

Signature of Owner Nellie B. Branger, of Chas. W. BrangerDate DEC. 21, 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.

4953

159661

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 31 day  
of Dec. A. D. 1963  
at 9:48 o'clock P. M.

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

Alice E. Graves Clerk and Recorder  
Deposited  
200 PD

File No. 302T. 6S R. 18E

DUPLICATE

County Carbon

JAN 26 1968

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER**Notice of Completion of Groundwater Appropriation  
Without Well**

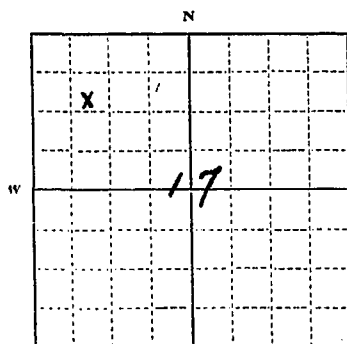
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1920Owner Larry E. L. Rand Corp. Address Roscoe

Contractor (if any) \_\_\_\_\_

Address of Contractor \_\_\_\_\_

Date Started \_\_\_\_\_ Date Completed \_\_\_\_\_

NW  $\frac{1}{4}$  NW Sec. 17 T. 6S R. 18EIndicate 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 was dug out  
and cement wall was built to  
encase waterQuantity 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 \_\_\_\_\_

estimate 2 inch pipe will run  
30 gal per minute - being more  
during spring run off and less during  
dry periodsSignature of Owner Larry E. L. Rand Corp.  
by William R. MarkingDate Dec 14, 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.

43,446

#302

158903

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 17 day  
of Dec. A. D. 19 63  
at 3:25 o'clock P. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK  
Clerk and Recorder

By Tony S. Zuppan Deputy  
Fees \$ 2.00 pd.

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 Stephen Janner

Address 3205 Marrow Drive

Billings, Mont

Date well started 6/23/72

completed 7/13/72

Type of well Drilled

(Dug, driven, bored or drilled)

Equipment used Churn Drill

(Churn drill, rotary or other)

Water Use: Domestic ☒ Municipal ☐ Stock ☐ Irrigation ☐

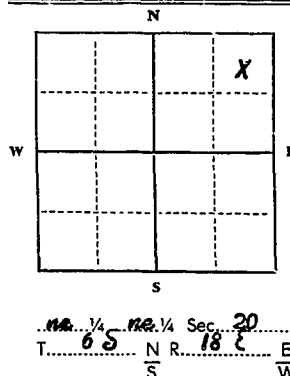
Industrial ☐ Drainage ☐ Other ☐ Garden/Lawn ☐

\*Describe Well is for Summer Cabin

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 75000 Gals

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind	From (Feet)	To (Feet)
6 inch	6 5/8 1897 Seamless	12 1/4	88'	Milks Knife	50	87



Static water level 38 ft.\*  
Pumping water level 75 ft.\*  
at 8 gallons per minute,  
measured 120 minutes after pumping began.

\*Measured from ground level.  
Well developed by Bailer Pump  
for 48 hours.

Power Sub Pump 4 HP  
Remarks: (Gravel packing, cementing, packers type of shut-off)

This well wouldn't make very much water after it stood for 6 weeks it was perforated. It made 15 GPM but had sand in the water after pumping 2 days the well filled up 7 ft with sand. The well now makes 8 GPM of sand free water.

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

Driller's Signature Red L. Hargan

Driller's Address Box 32 Fishtail, Mont.

LICENSE NO. 27

6518E

RECEIVED

County CARSON

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)	
08	2	Top Soil
2	26	Gravel & Clay
26	88	Boulders Gravel Sand

88 ft. Show exact depth of bottom

51,887



#1373 186566

STATE OF MISSISSIPPI }  
COUNTY OF CARROLL } SS.

Office of the County Clerk & Recorder

I hereby certify that the within  
Appropriation was filed  
for record in my office this 22 day  
of Nov A. D. 1942  
at 10:10 o'clock A. M.

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

By \_\_\_\_\_ Deputy.

Fees \$ 2.00

GW 3  
File No. 963

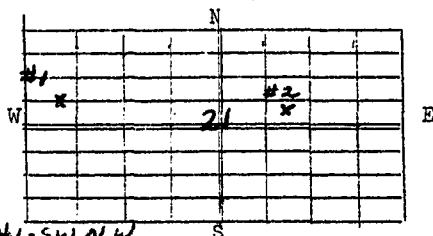
JAN 26 1964

T 6 R 18  
County of 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 1/1/64  
Owner Hoyt Reynolds Address Luthen  
Contractor (if any) None  
Address of Contractor None  
Date Started 1/1/64 Date Completed 1/1/64



#1-SW NW  
#2-SW 1/4 NE Sec. 21 T 6 R 18  
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

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

#1 - 30 MINERALS INCHES - CONTINUOUS - STOCK  
#2 - 5 gpm/min. - CONTINUOUS - STOCK

Signature of Owner

Date

STATE OF MONTANA )  
County of Carbon ) ss.

Having first been duly sworn, depose and say that he of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person whose name subscribed thereto, as the appropriator and claimant, that he know the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

Notary Public for the State of Montana

Residing at \_\_\_\_\_

My Commission expires \_\_\_\_\_ 19\_\_\_\_

43,590

#963

159680

COUNTY OF CARROLL  
Office of the County Clerk & Recorder

I hereby certify that the within

Water filing was filed  
for record in my office this 2 day  
of Jan. A. D. 19 64  
at 2:00 o'clock P. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK  
Clerk and Recorder

By Long A. Zupan Deputy

Fees \$ 2.00 pd.

File No. 445T6 South 14.18 East

DUPLICATE

County Carbon

JAN 26 1969

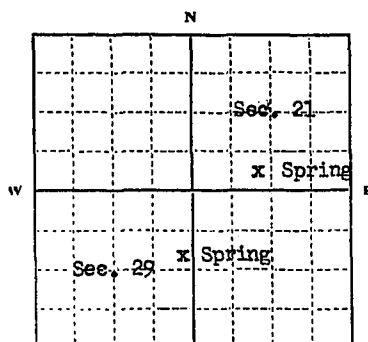
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

## Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. NELLIE B. BRANGER and CHRIS W. BRANGER, of Roscoe  
(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:



SE  $\frac{1}{4}$  SW  $\frac{1}{4}$  Sec. 21  
SE  $\frac{1}{4}$  NE  $\frac{1}{4}$  Sec. 29 T 6S R 18 East

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 May 1912, continuous.

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

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 Metal trough, SE  $\frac{1}{4}$  NE  $\frac{1}{4}$  of Section 29; open ground trough, SE  $\frac{1}{4}$  SW  $\frac{1}{4}$  of Section 21.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater May 1912.

8. The depth of water table 5 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 Metal trough, spring in Section 29; open ground trough, spring in Section 21.

10. The estimated amount of groundwater withdrawn each year 15,000 gallons each.

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

Not available.

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

Not applicable.

Signature of Owner Mrs. Nellie Branger  
Chris W. Branger

Date December 26, 1963.

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

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

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

42,913

4445

159117

STATE OF MICHIGAN  
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 Dec. A. D. 19 63  
at 4:35 o'clock P. M.

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

By \_\_\_\_\_ Deputy

Fees \$ 2.00

Form No. 18  
8-60

T. \_\_\_\_\_ R. \_\_\_\_\_

County Carbon

MONTANA BUREAU OF MINES AND GEOLOGY  
Butte, Montana

RECEIVED  
JAN 2 1961

Water Well Log

STATE ENGINEER


Owner T. A. DONNES Address Luther, Montana

Driller B. & H. Drilling Address Pishtail, Montana

Date Started 12-7-60 Date Completed 12-9-60

Location: Sec. 22 T. 6 R. 18  $\frac{1}{4}$  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 33 ft. Type Black Size 6 in.

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Casing: \_\_\_\_\_ ft. to \_\_\_\_\_ ft. Type \_\_\_\_\_ Size \_\_\_\_\_

Perforated or Screened: Ft. \_\_\_\_\_ to ft. \_\_\_\_\_. Ft. \_\_\_\_\_ to ft. \_\_\_\_\_

Type of screen or perforations \_\_\_\_\_

Static water level, for non-flowing well: 18 feet.

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

Pumping water level 75 feet at 8 gal. per min. \_\_\_\_\_

How tested: Palmer

Length of test One hour.

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

(over)

## Log of Well

[illegible]

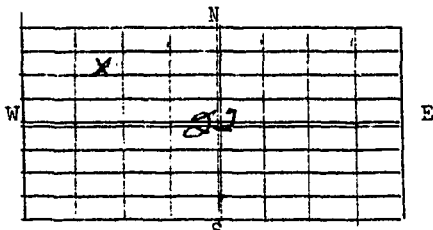
CN 3  
File No. 845

STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER  
JAN 26 1963

T 4 R 18  
C of 6

Notice of Completion of Groundwater Appropriation Without Well  
(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 11  
Owner John C. Ireland Address Cathay, Mont.  
Contractor (if any) None  
Address of Contractor None  
Date Started None Date Completed None



NW 1/4 NW Sec. 22 T 6 R 18  
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.  
Artificial pumping

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

Signature of Owner John C. Ireland  
Date Jan 31, 1963

STATE OF MONTANA )  
County of Carbon ) ss.

Having first been duly sworn, depose and say that he of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person whose name is subscribed thereto, as the appropriator and claimant, that he know the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

Notary Public for the State of Montana  
Residing at \_\_\_\_\_  
My Commission expires \_\_\_\_\_ 19\_\_\_\_



GW 3  
File No.

845

MONTANA WATER RESOURCES BOARD

RECEIVED

JAN 26 1968

T. 4 S. 15 R. 15  
County of 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

Owner

John A. Shankland

Address

Butte, Mont.

Contractor (if any)

None

Address of Contractor

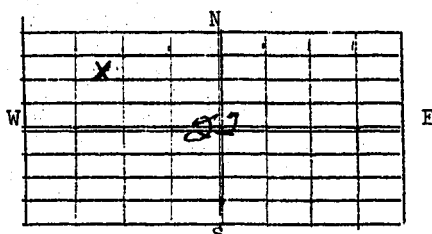
None

Date Started

None

Date Completed

None



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

Natural spring

NW 1/4 NW Sec. 22 T 6 R 18

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

Signature of Owner

John A. Shankland

Date

Dec 31, 1963

STATE OF MONTANA )  
County of Carbon ) ss.

Having first been duly sworn, depose and say that he of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person whose name subscribed thereto, as the appropriator and claimant, that he know the contents of said foregoing notice and that the matters and things therein stated are true.

Subscribed and sworn to before me, this day of , 19

Notary Public for the State of Montana

Residing at

My Commission expires 19

43,818

#845

159553

STATE OF IOWA  
COUNTY OF CARROLL } SS.

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. 1963

at 6:12 o'clock P. M.

Attest my hand and the seal of  
said County

FRANK DANICHEK, COUNTY CLERK

Clerk and Recorder

by Alvin E. Graves Deputy

Fee \$ 2.00

File No. 281

T. 6 R. 18

DUPLICATE

County k Carbon

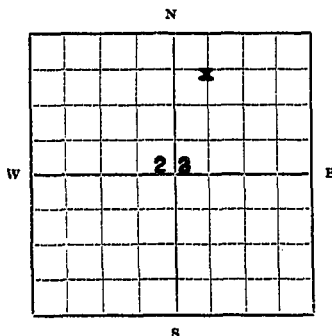
STATE OF MONTANA  
ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEER

JAN 26 1968

**Declaration of Vested Groundwater Rights**  
(Under Chapter 237, Montana Session Laws, 1961)

1. Claud J. Blakely, of Rooson  
(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:



22 6 18  
Section 22, Township 6, Range 18

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 watering stock and Household use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1928

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1000 inches--springs  
100 gallon per day--well

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1928

8. The depth of water table 60 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 18 feet

10. The estimated amount of groundwater withdrawn each year 50 gpm gallon per day

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

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 Claud J. Blakely

Date October 19, 1963

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

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

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

42,931

#281

158850

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 13 day  
of December A. D. 19 63  
at 11:50 o'clock A.M.

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

By \_\_\_\_\_ Deputy

Fees \$ 2<sup>00</sup>

GW3

File No. 282T. 6 R. 18

DUPLICATE

County Carbon

MONTANA WATER RESOURCES BOARD

STATE OF MONTANA

RECEIVED

ADMINISTRATOR OF GROUNDWATER CODE

JAN 26 1968

OFFICE OF STATE ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1928Owner Claud J. Blakely Address Roscoe, MontanaContractor (if any) None

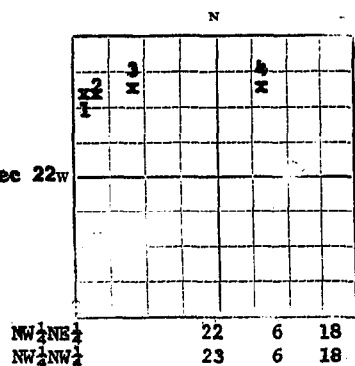
Address of Contractor

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. four springs~~one well - depth 18 feet Draw with bucket~~Normal flow

E Sec 23

Sec 22W



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

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

Springs used for stock, supplies drinkingwater for sameWell for household use and stock watering.Signature of Owner Claud J. BlakelyDate October 19, 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.

49,932

#282

158851

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 13 day  
of December A. D. 19 63  
at 11:52 o'clock A.M.

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

By \_\_\_\_\_ Deputy

Fees \$ 2.<sup>00</sup>

GW 3  
File No. 784

RECEIVED

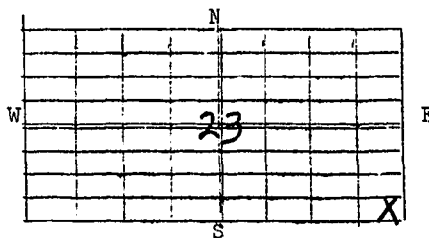
JAN 26 1968

T 6 R 18  
County of 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 ~~1966~~ 1893  
Owner Kampfe, Donald & Madge Address Butte  
Contractor (if any) None  
Address of Contractor None  
Date Started 1893 Date Completed 1893



SE 1/4 SE Sec. 23 T. 6 R. 18  
Indicate point of appropriation and place of use, if possible.

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

Natural 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

15 inches per day, stock purpose

Continuously

Signature of Owner Donald Kampfe

Date 12/31/63

NOTARY PUBLIC  
Carbon ss.

Having first been duly sworn, depose and say that I, the undersigned, of lawful age and the appropriator and claimant of the order and water right mentioned in the foregoing notice of completion of groundwater appropriation without well and the person whose name subscribed thereto, as the appropriator and claimant, that he knows the contents of said foregoing notice and that the matters and things therein stated are true,

Subscribed and sworn to before me, this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_

Notary Public for the State of Montana  
Residing at \_\_\_\_\_  
My Commission expires \_\_\_\_\_ 19\_\_\_\_

#784

159192

STATE OF IOWA  
COUNTY OF CARROLL, SS.

Office of the County Clerk & Recorder

I hereby certify that the within

Appropriation was filed  
for record on or before the 31 day  
of Dec A. D. 19 63  
at 4:05 o'clock P. M.

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

By \_\_\_\_\_ Deputy

Fees \$ 2.00



File No. 1176T. 6 R. 18

DUPLICATE

LOG

JAN 30 1966

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

Top of Ground

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

0-11 TOP Soil11-16 Brown Clay16-27 Grey Sandstone27-38 Grey shale38-60 Grey Sandstone60-65 Grey shalewater38-60 Grey Sandstone60-65 Grey shale

## Notice of Completion of Groundwater

## Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

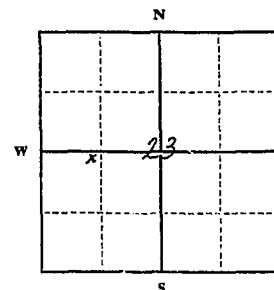
Owner Robert F. & Anna M. Stovall Address Luther, Mont.Driller B & H Drilling Address 7 in. Hart, Mont.

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

Date well started 10/14/66 Date completed 10/15/66Type of well Drilled Equipment used Churn Drill  
(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)	WATER RISES		
				Kind Size	From (Feet)	To (Feet)
6 inch	6 5/8	1+	23			
	17 1/2					
	4 1/2	5-	65	3/16	45	55
	Plastic			1/2		

Static Water Level for non-flowing well 18 feet.

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

Pumping Water Level 45 feet at 25 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).....

NW 1/4 Sec. 23 T. 6 R. 18  
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.

65 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, three copies to be retained by driller.

Please answer all questions. If not applicable, so state, otherwise to be returned.

Driller's License Number

Driller's Signature Ref. L. Hargan

43.639

168044

#1176

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 19 day  
of October A. D. 19 66  
at 11:00 o'clock A. M.

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

Alvin E. Harwood  
Deputy  
Per 200

File No. 1214

DUPLICATE

RECEIVED  
MAY 10 1968  
LOG

T. 6R. 18County Carbon

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE  
OFFICE OF STATE ENGINEERTop of Ground 2-13 Back 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)

4-20 Yellow Clay20-25 Brown Clay(water)25-39 Light Grey Sandstone39-40 Grey S-shaleOwner Dan HangerAddress Luther, MontDriller B & H DrillingAddress 71st St, MontDate of Notice of appropriation of ground 3/25/68Date well started 3/25/68Date completed 3/25/68Type of well DrilledEquipment used Churn drill

(Dug, driven, bored or drilled)

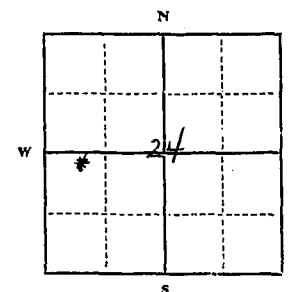
(Churn drill, rotary or other)

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.

Well No.	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>6 inch</u>	<u>6 5/8</u> <u>2.80</u> <u>wall</u>	<u>84</u>	<u>264"</u>	<u>NONE</u>		



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

Shut-in Pressure for Flowing Well \_\_\_\_\_ feet.

Pumping Water Level 29 feetat 25 gal. per minute.

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

How Tested BoilerLength of Test 2 hrsRemarks: (Gravel packing, cementing, packers, type of shutoff) Cemented Top3 1/2" Casing - (Packed)4 x 6 5/8" sub forAutomatic Water -

\_\_\_\_\_

\_\_\_\_\_

(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.

40 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

NO 27  
Red L Hanger  
Driller's Signature.

44,121

#1214

171999

STATE OF ARIZONA  
COUNTY OF CARRIZON, SS.  
Office of the County Clerk & Recorder

I hereby certify that the within  
Water filing was filed  
for record in my office this 5 day  
of April A. D. 19 68  
at 2:50 o'clock P. M.

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

Clerk and Recorder  
By Tony A. Zuplan Deputy  
Rec'd 203 pd.