

RECEIVED
AUG 20 1958

STATE ENGINEER

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

T. _____ R. _____
County. Stillwater

WATER WELL LOG

Owner. C. R. Bokma Address. Columbus
Driller. B. & H. Drilling Address. Fishtail, Mont
Date Started. 7/1/58 Date Completed. 7/11/58
Location: Sec. 3 T. 1S R. 19E ¼ sec. SESE

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 4½ ft. Type. Black Size. 6 5/8 - 6

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: _____ feet.

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

Pumping water level. 100 feet at 10 gal. per min. hr.

How tested: Baler

Length of test. _____

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

Has a small amount of water from 45 feet to 90 feet - Drilled to
185 for storage.

(over)

Log of Well

[illegible]

STILLWATER COUNTY
STATE OF MONTANA

File No. 180730

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

1S 19E
Twp 34 Rge 20 E

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. C. R. Bokma, of Columbus, Montana

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

	Sec. 4	Sec. 4	Sec. 4	Sec. 3	Sec.	Sec.
W E L L S	No. 1 House	No. 2 House	No. 3 shed & shelter belt	No. 4 Stock water	No. 5	No. 6
2. Basis of Beneficial Use	house, barn lawn	house barn shelter belt	sheep shed fee corral shelter belt	Stock water		
3. Approx date of Use	June 1 to Oct 15	June 1 to Oct 15	summer for shelter belt	year		
How continuous?	all year	all year	year around			
4. Amount claimed in miner's inches or gallons per min.	3 miners inches	5 miners inches	6 miners inches	3 miner inchwa		
5. Acres irrigated	lawn	lawn & house	shelter belt	None		
Description	home yard	shelter belt	stock water			
Name of Owner	C. R. Bokma	CR Bokma	CR Bokma	C. R. Bokma		
6. Location of Well	SE 1/4	SE 1/4	SE 1/4	SW 1/4		
Means of With-drawal	elec driven pump	elec driven pump	elec driven belt	wind mill motor pump		
7. Date-Commencement	all year	all year	all year	all year		
Date-Completion						
8. Depth of water table	84 ft	100 ft	96 ft	187 ft		
9. Type, size, depth or specifications of works	6 in hole elec driven deep hole	4 in hole elec driven deep well pump	4 in hole elec driven pump dp hole	6 in hole mill & motor		
10. Estimated amount withdrawn annually						
11. Log, if available	none	none	none	none		
12. Other information	drilled 1911	drilled 1956	drilled 1952			

Signature of owner C. R. Bokma

Date Dec 31, 1963

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

27701

186 730

County of ...
State of ...
ON the 31st of December
1833, at 11:37 A.M.
Gertrude H. Jackson
COUNTY READER

By _____ Deputy

File No.....

T 13 R 19E

DUPLICATE

County Stillwater

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 6 1964

ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....1935

Owner Ploree Ranch Inc. Address Columbus

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.....

~~.....springs boxed or rooked in with flow out pipe~~

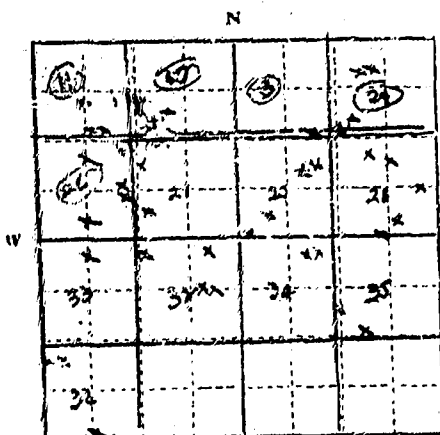
.....into tank when necessary

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.

Date. 12/31/63



.....1/4..... Sec..~~12~~. T.13.. R.18E

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

800s 11, 12, 13, 21, 26, 27, 22, 28,
33, 34, 35, 36

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.

27729

186758

STATE OF MONTANA } ss.
COUNTY OF STILLWATER }

I hereby certify that the above instru-
ment was filed and indexed in this office
on the 31st day of December
A. D. 1913 at 2:55 o'clock P.M.

Gertrude H. Cochran
COUNTY CLERK

By _____ Deputy

STILLWATER COUNTY
STATE OF MONTANA

File No. 186754

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 18, Rge 12E

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

JAN 8 1964

1. Pierce Ranch, Inc., of Columbus, Montana
County of Stillwater, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

	Sec. <u>31</u>	Sec. <u>32</u>	Sec. <u>33</u>	Sec.	Sec.	Sec.
W E L L S	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	stock water	stock water	stock & home use			
3. Approx date of Use	1935					
How continuous?						
4. Amount claimed in miner's inches or gallons per min.						
5. Acres irrigated	none	none	none			
Description						
Name of Owner						
6. Location of Well						
Means of With-drawal	windmill	pump	pump			
7. Date-Commencement						
Date-Completion						
8. Depth of water table	60 ft	30	10			
9. Type, size, depth or specifications of works	6" steel casing	6 inch casing	rock & cement			
10. Estimated amount withdrawn annually						
11. Log, if available						
12. Other information						

Signature of owner

Pierce Ranch, Inc.
Jack A. Pierce

Date

December 31, 1963

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

27725

186754

STATE OF MONTANA } ss.
COUNTY OF FULTON

I hereby certify that the above instru-
ment was filed in this office

on 3rd December
A.D. 1903, at 2:35 o'clock P.M.

Gertrude H. Jackson
COUNTY RECORDER

By _____ Deputy

GROUNDWATER INDEX

Page 1 of 1

County Stillwater Twp. 15 Rge. 20E

[illegible]

File No. 193961

FEB 7 1967

T. 1S R. 20E

DUPLICATE

County Stillwater

LOG

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground 0-3 TOP SOIL2-5 Hard clay
(Elev. above sea level 4700)**Notice of Completion of Groundwater
Appropriation by Means of Well**

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

5-33 Hard clay shaleOwner Charles L. LorchAddress Columbus, Mont33-40 Sandy shaleDriller B & H DrillingAddress Fishtail, Mont

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

Date well started 11/17/66 Date completed 12/10/66Type 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)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
<u>40-170 Hard shale 6 inch</u>	<u>6 5/8</u>	<u>1+</u>	<u>5</u>			
<u>170-180 S-shale Sandstone 40</u>	<u>17</u>					
<u>180-195 Very hard Sandstone 4 1/2</u>	<u>4 1/2</u>	<u>5-</u>	<u>355</u>	<u>1/4</u>	<u>340</u>	<u>352</u>

195-332 Hard S-shale332-336 SandstoneWater 1 1/2 ft. from surfaceSE 1/4 SWSec. 1 T1S R. 20E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.Static Water Level for non-flowing well 160 feet.

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

Pumping Water Level 350 feet at 2 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)

336-355 Very S-shale

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.

355 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
Ted L. Langley
Driller's Signature

41699

193961

STATE OF MONTANA)
COUNTY OF YELLOWSTONE)

I hereby certify that the above instru-
ment was received and indexed in this office
on the 6th day of July
A. D. 1967, at 11:45 o'clock A.M.

Thelma Shaw
COUNTY RECORDER

By Jessie Bishop Deputy

File No.

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

T. 19 N. R. 20 E. S. 34
County Stillwater

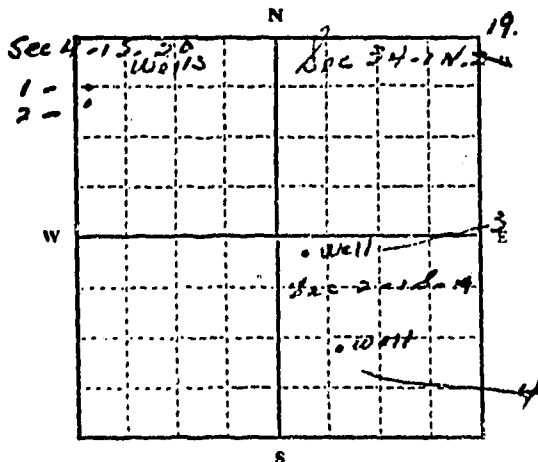
JAN 8 1964
ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. C. R. Bolana, of Columbus
(Name of Appropriator) (Address) (Town)

County of Stillwater 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 Stockwater
3. Date or approximate date of earliest beneficial use; and how continuous the use has been Prior to 1942
kept for reserve water
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1 miner's inch for each 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
none
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
pumps
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Unknown - early 1900's
8. The depth of water table 65' for #1,2,3; #4 - 215'
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 1,2,3 are approx 90' deep
#4 - 250' deep All are drilled wells
#1 - concrete casing 2' #2 - 6" galv casing
#3 - 4" galv casing #3 - 7" steel casing
10. The estimated amount of groundwater withdrawn each year 360 miner's inches
11. The log of formations encountered in the drilling of each well if available
NA
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 C. R. Bolana

Date 12-31-63

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

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

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

STILLWATER COUNTY
STATE OF MONTANA

File No. 186372

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 1 Co. 22 E

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. William R. Leuthold, of Stillwater, Mont,

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

	Sec. 4	Sec. 4	Sec. 4	Sec.	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	domestic & some stock	Domestic & stock	Stock and garden irrig.			
3. Approx date of Use How continuous?	1944 summer months cont.	1957	1946 2 mos year			
4. Amount claimed in miner's inches or gallons per min.	1 gallon per min	3 gallons per min	2 gallons per min			
5. Acres irrigated Description Name of Owner	none	none	garden			
6. Location of Well Means of With-drawal	NW 1/4 Sec 4 Twp 1 N R 22 E windmill	SW 1/4 Sec 4 Twp 1 N R 22 E elec pump	SE 1/4 Sec 4 Twp 1 N R 22 E windmill			
7. Date-Commencement Date-Completion	1944	1957	1946			
8. Depth of water table	10'	20'	10' - 15'			
9. Type, size, depth or specifications of works	50 ft deep drilled well 3" casing	50 ft deep drilled well 4" casing	50 ft deep drilled well 6" casing			
10. Estimated amount withdrawn annually	35,000	50,000	50,000			
11. Log, if available	NA	NA	NA			
12. Other information	none	none	none			

Signature of owner William R. Leuthold

Date December 11th, 1963

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

8751

186372

STATE OF MONTANA } ss.
COUNTY OF STILLWATER }

I hereby certify that the above instru-
ment was filed and indexed in this office
on the 11th day of December
A. D. 1963, at 3:55 o'clock P. M.

Gertrude H. Colhoun
COUNTY CLERK

By _____ Deputy

STILLWATER COUNTY
STATE OF MONTANA

File No. 186730

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

1S 19E
Twp 18, Rge 20

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. C. R. Bokma, of Columbus, Montana

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

	1 S 20E Sec. 1	Sec. 1	Sec. 1	1 S 19E Sec. 3	Sec.	Sec.
WELLS	No. 1 House	No. 2 House	No. 3 shed & shelter belt	No. 4 Stock water	No. 5	No. 6
2. Basis of Beneficial Use	house, barn lawn	house barn shelter belt	sheep shed fee corral shelter belt	Stock water		
3. Approx date of Use How continuous?	June 1 to Oct 15 all year	June 1 to Oct 15 all year	summer for shelter belt fall to spring livestock year around	year around		
4. Amount claimed in miner's inches or gallons per min.	3 miners inches	5 miners inches	6 miners inches	3 miner inches		
5. Acres irrigated Description	lawn home yard	lawn & house shelter belt	shelter belt stock water	None		
Name of Owner	C. R. Bokma	CR Bokma	CR Bokma	C.R. Bokma		
6. Location of Well	SE 1/4	SE 1/4	SE 1/4	SW 1/4		
Means of With- drawal	elec driven pump	elec driven pump	elec driven belt	wind mill motor pump		
7. Date-Commencement Date-Completion	all year	all year	all year	all year		
8. Depth of water table	84 ft	100 ft	96 ft	187 ft		
9. Type, size, depth or specifications of works	6 in hole elec driven pump deep hole	4 in hole elec driven pump deep well	4 in hole elec driven pump dp hole	6 in hole mill & motor		
10. Estimated amount withdrawn annually						
11. Log, if available	none	none	none	none		
12. Other information	drilled 1944	drilled 1956	drilled 1952			

Signature of owner C.R. Bokma

Date Dec 31, 1963

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

27701

STILLWATER COUNTY
STATE OF MONTANA

File No. 186756

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp. 22, Rge. 20E

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

JAN 8 1964

ENGINEER

1. Pierce Ranch Inc, of Columbus, Montana
County of Stillwater, State of Montana, have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:

	Sec. <u>5</u>	Sec.	Sec.	Sec.	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	Stock 1120					
3. Approx date of Use	1935					
How continuous?						
4. Amount claimed in miner's inches or gallons per min.						
5. Acres irrigated						
Description						
Name of Owner	Pierce Ranch					
6. Location of Well						
Means of With-drawal	pump					
7. Date-Commencement	?					
Date-Completion	?					
8. Depth of water table	30 ft					
9. Type, size, depth or specifications of works	6" steel casing					
10. Estimated amount withdrawn annually	?					
11. Log, if available						
12. Other information						

Signature of owner

Pierce Ranch Inc
Jack A. Yurko

Date Dec 31, 1963

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

27727

186756

RECEIVED AT THE CLERK'S OFFICE

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

360 December

63 2:45 P.M.

Gertrude H. Calhoun

COUNTY CLERK

By Deputy

File No. 186757T. 18 R. 20E

DUPLICATE

County Stillwater

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 8 1964

ENGINEER

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

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1935Owner Pierce Ranches Inc. Address Columbus, Montana

Contractor (if any) _____

Address of Contractor _____

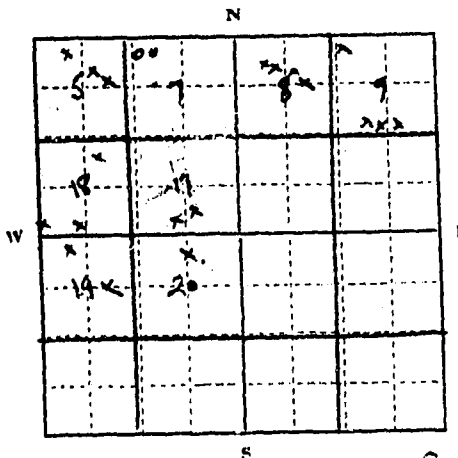
Date Started _____ Date Completed _____

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

flow out pipe, when necessary

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 _____

..... $\frac{1}{4}$ Sec 18 T. 20E R. 19E

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

Section 5,7,8,9,18,19,20
18 19E

20

Signature of Owner

Pierce Ranch Inc.
Jack D. Spivey

Date _____

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

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

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

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

27728

186757

STATE OF MONTANA } ss.
COUNTY OF STILLWATER }

I hereby certify that the above instru-
ment was filed and indexed in this office
on the 31st day of December
A. D. 1913, at 2:50 o'clock P.M.

Gertrude H. (Cushman)
COUNTY RECORDER
By _____ Deputy

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—3908

File No.

185693

DUPLICATE

T. 1 R. 20 E

County Stillwater

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER SEP 23 1963

Top of Ground

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

0-15 TOP Soil

water level

15-25 Soft clay

Owner F. A. Bause Address Columbus, Mont

Driller B & H Drilling Address Fishtail, Mont

Shale gravel 25-35

(water)

Shale 35-40

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

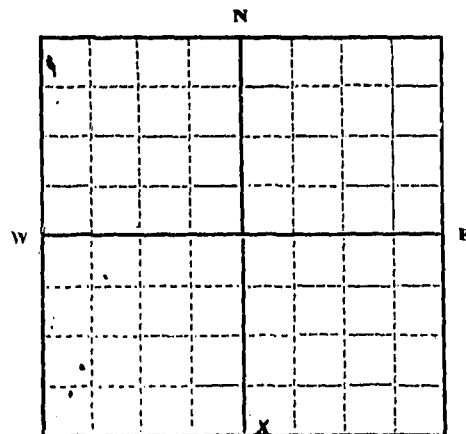
Date well started 9/17/63 Date Completed 9/18/63

Type 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)
6 inch	6 inch 19#	14	34 1/2	Touch Cuts	28	34



SW 1/4 Sec. 10 T. 1 R. 20 E

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

Show exact depth of bottom.

40 ft.

Static Water Level for non-flowing Well 17 feet.

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

Pumping Water Level 24 feet at 40 gal. per minute.

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

How Tested Bailer Length of Test 1 hr.

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

Driller's License Number

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.

6008

185603

STATE OF MONTANA } ss.
COUNTY OF STILLWATER }

I hereby certify that the above instru-
ment was filed and indexed in this office

on the 19th day of Sept.

A. D. 1956, at 1:35 o'clock P. M.

Gertrude H. Bolhoun

COUNTY RECORDER

By Jessie Bishop Deputy

File No. 193266

SEP 14 1966

T. 1 S. R. 20 E. 12

DUPLICATE

LOG

Bill _____
 B. _____
 Coyle _____
 D. _____
 E. _____

McDermott

M. _____

M. _____

Sullivan

County Stillwater

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

Top of Ground

(Elev. above sea level 4560)0-8 TOP SoilLight Grey S shale 8-17

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Owner Frank K. Kowanda Address Columbus, MontDriller B. H. Drilling Address Frederick, Mont

Date of Notice of appropriation of groundwater _____

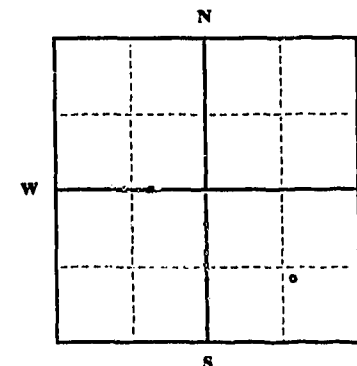
Date well started 9/8/66 Date completed 9/9/66Type of well Drilled Equipment used Churn Drill
(Dug, Driven, bored or drilled) (Churn drill, rotary or other)

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.

62-87 Hard Grey Shale

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	1+	13 1/2	NONE		
	17.02					
	4 1/2	77	87	3/16	77	82
	Plastic			Hole	48	56



86 1/4 Sec. 12 T. 1 S. R. 20 E.
 Indicate location of well and place of use, if possible. Each small square represents 40 acres.

Static Water Level for non-flowing well 40 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 56 feetat 6 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested BallLength 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.

87 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 27
 Driller's License Number

Reed L. Hargan
 Driller's Signature

193266

STATE OF MONTANA
COUNTY OF STILLWATER

I hereby certify that the above instru-
ment was filed and indexed in this office
on the 13th day of September
A. D. 1966, at 11:30 o'clock A M.

Gertrude H. Calhoun

COUNTY RECORDER

By _____ Deputy

STILLWATER COUNTY
STATE OF MONTANA

File No. 186686

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 18, Rge 20E

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

JAN 8 1964

ENGINEER

1. Frank or Lallah Kovarja, of Columbus

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

	Sec. 12	Sec. 12	Sec. 12	Sec.	Sec.	Sec.
W E L L S	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	House & stock	House & stock	stock			
3. Approx date of Use	1935	1937	1960			
How continuous?	continuous	cont	cont			
4. Amount claimed in miner's inches or gallons per min.	3 gal per min	2 gal per min	5 gal per min			
5. Acres irrigated	none	none	none			
Description	none	none				
Name of Owner	as above	as above	as above			
6. Location of Well	NW 1/4 SW 1/4	NW 1/4 SW 1/4	SE 1/4 SE 1/4			
Means of With-drawal	pump	pump	Pump			
7. Date-Commencement						
Date-Completion	1935	1937	1960			
8. Depth of water table	14 ft	20 ft	4 ft			
9. Type, size, depth or specifications of works	hand dug 3' galv casing	drilled well had dug 3' 3 in pump	had dug 3' galv 6 in pump			
10. Estimated amount withdrawn annually	110,000	75,000	40,000			
11. Log, if available	NA	NA	NA			
12. Other information						

Signature of owner Frank Kovarja

Date Dec 31, 1963

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

27657

186686

Sw-4

STATE OF MONTANA } ss.
COUNTY OF STILLWATER }

I hereby certify that the above instru-
ment was filed and recorded in this office

on the 31st of December

A. D. 1963, at 9:37 o'clock A. M.

Hertrude H. Carlson
COUNTY RECORDER

By _____ Deputy

SW 3- Springs

STILLWATER COUNTY
STATE OF MONTANA

File No. 186659

ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 18, Rge 20, E 13

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

RECEIVED
JAN 8 1964
STATE ENGINEER

1. Frank or Lallah Kovanda, of Columbus

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

	Sec. 12	Sec. 13	Sec. 24	Sec. 24	Sec.	Sec.
SPRINGS						
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	stock	water		water		
3. Approx date of Use	1953	1953		1953		
How continuous?						
4. Amount claimed in miner's inches or gallons per min.	1500 gal per day	1500 gal per day	2000 gal per day	300 gal per day		
5. Acres irrigated	none	none	none	none		
Description						
Name of Owner	as above	as above	as above	as above		
6. Location of Well	NW 1/4 Sec 12	NE 1/4 Sec 13	NE 1/4 Sec 24	center 1/4 line N2		
Means of Withdrawal						
7. Date-Commencement						
Date-Completion						
8. Depth of water table						
9. Type, size, depth or specifications of works						
10. Estimated amount withdrawn annually						
11. Log, if available						
All are natural flowing springs except spring in NE 1/4 Sec 24; This spring rocked & piped to a tank						
12. Other information						

Signature of owner Frank Kovanda

Date Dec 21, 1963

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

27630

186659

C. H. WATSON, ss.

I hereby certify that the above instru-
ment was filed in my office

on 31st December

D. 1863 at 8:35 P. M.

Gertrude H. Calhoun
COUNTY RECORDER

By _____ Deputy

RECEIVED
3 GW 3 Revised 1969
2057-1500-1/71
JUN 11 1973

Stillwater
County.....

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
MONTANA WATER RESOURCES BOARD

NOTICE OF COMPLETION OF GROUNDWATER APPROPRIATION WITHOUT WELL

Developed After January 1, 1962

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

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

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

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

For Administrator's Use

File 207500

June 28, 1973

GW 1 8:35 A.M.

Owner Samuel G. Kovanda

Address Columbus, Mt. 59019

Contractor (if any)

Address of Contractor

Date Started Date Completed

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

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

3. Depth of water table spring

4. Use of the water stock water

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

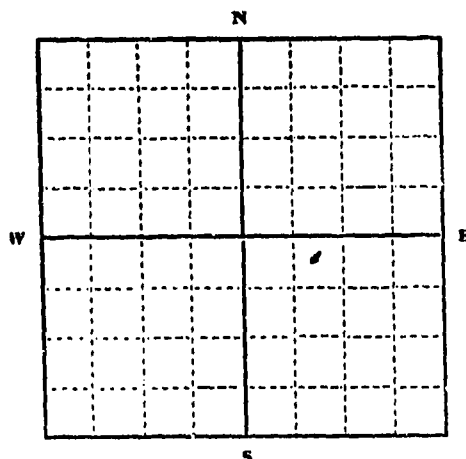
6. If used for irrigation, give number of acres and description of land stock water

7. Estimate amount of water used each year

8. Months of year spring flows all year

Signature of Owner

Date June 28, 1973



NW 1/4 SE 1/4 Sec. 11, Twp. 16., Rge. 20E.

T. 16. N R. 20 E
S W

INDICATE POINT OF APPROPRIATION
AND PLACE OF USE, IF POSSIBLE.

Elevation of spring, if known or estimated

54439

207500

Office of Clerk & Recorder
Stillwater County, Montana

I hereby certify that the above Instru-
ment was filed & indexed in this office
on the _____ day of JUN 28 1973
AD 19____, at _____ o'clock 8:45 A.M.

Thelma Shaw

COUNTY RECORDER

By _____

DEPUTY

NEW MONTANA NOTARIAL PUBLICS ASSOCIATION
OFFICE OF THE CLERK & RECORDER
STILLWATER COUNTY, MONTANA

NOTARIAL PUBLICS ASSOCIATION
OFFICE OF THE CLERK & RECORDER
STILLWATER COUNTY, MONTANA

NOTARIAL PUBLICS ASSOCIATION
OFFICE OF THE CLERK & RECORDER
STILLWATER COUNTY, MONTANA

186742

File No......

DUPLICATE

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

T 1 S R 20 F

County Stillwater D

JAN 8 1964

ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Sec 7-1958 - Sec 18+19-1960

Date of Appropriation of Groundwater: Sec 8-14-1952:

Owner Samuel G Kovanda Address _____

Contractor (if any)

Address of Contractor

No. 1 - Development
Date Started Nov 19, 3 Date Completed.....

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

Not Developed - Concrete Box piped to a tank

Balance are natural flowing ~~wells~~ 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.....

.....No.1- About 2 gal per minute.....

..... These are good live springs which run all

Year.....

Signature of Owner Samuel B. Miranda

Date Dec 31st 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.

27713

W 3 186742
File No.

DUPLICATE

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

T. 1 S. R. 20 E.

County Stillwater

JAN 8 1964

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

ENGINEER

Notice of Completion of Groundwater Appropriation
Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Sec. 7-1958 - Sec. 18-19-1960
Sec. 8-14-1952

Date of Appropriation of Groundwater Sec. 8-14-1952

Owner Samuel G. Kovanda Address:

Contractor (if any)

Address of Contractor

Not Developed
Date Started Nov. 1963

Date Completed

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

Not Developed - Concrete Box piped to a tank

Balance are natural flowing wells/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.

Not - About 2 gal per minute

These are good live springs which run all

year

Signature of Owner Samuel G. Kovanda

Date Dec. 31st 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.

27713

186742

STATE OF MONTANA
COUNTY OF STILLWATER

I hereby certify that the above instru-
ment was filed in my office

on the 31st of December
A. D. 1903, at 1:30 o'clock P.M.

Gertrude H. Carlson
COUNTY CLERK

By _____ Deputy

GW 2

198034

File No.

DUPLICATE

RECEIVED

MAR 27 1969

Approved Stock Form—State Publishing Co., Helena, Montana—46803

T. 1S R. 20E

County Stillwater

LOG

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARDNotice of Completion of Groundwater
Appropriation by Means of Well
DEVELOPED AFTER JANUARY 1, 1962

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

Owner Fred Hilder Address Columbus, Mont.Driller B & W Drilling Address Fish Lake, Mont.

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

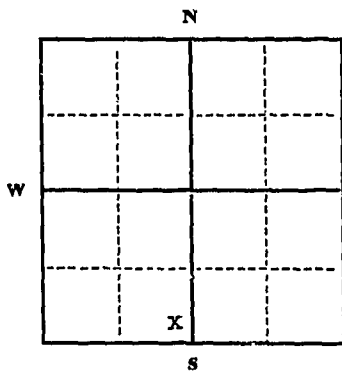
Date well started 3-13-69 Date completed 3-17-69Type of well Dug Equipment used Churn drill
(Dug, driven, bored or drilled) (Churn drill, rotary or other)Water use: Domestic ☐ Municipal ☐ Stock ☒ Irrigation ☐
Industrial ☐ Drainage ☐ Other ☐

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	6 5/8	18 1/2	18 1/2			
	18 3/4					
	4 1/2	-7	47	3/16	30	35
	Plastic			Holes	40	45

STATE OF MONTANA
COUNTY OF STILLWATERI hereby certify that the above instrument was filed and indexed in this office on the 26 day of MarchA. D. 1969 at 4:30 o'clock P.M.Sheena Shaw
COUNTY RECORDER

Deputy

SE 1/4 SW Sec 20 T1S R20E
Indicate location of well and place of use, if possible. Each small square represents 40 acres.Static Water Level for non-flowing well 18 feet.

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

Pumping Water Level 30 feet at 25 gal. per minute.

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

How Tested 30 minLength 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.

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

45,077

SW 3

File No. 186724

DUPLICATE

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

T. 1S R. 20E

County Stillwater

JAN 6 1964

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.....1882.....

Owner William R. Bokma..... Address..... Columbus, Montana.....

Contractor (if any)None.....

Address of Contractor

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

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

.....Sub-irrigation.....

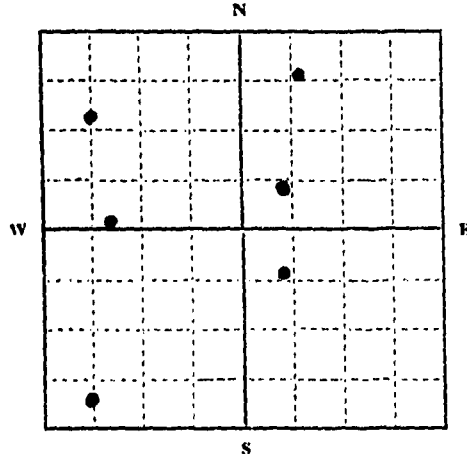
Quantity of water developed and used with explanation of method used to measure or estimate such amount. If use is intermittent

estimate approximate lengths of periods of use.....

.....All Year.....

Signature of Owner.....William R. Bokma.....

Date.....Dec 31, 1963.....



All 1/4 Sec. 29 T. 1S R. 20E

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.

27695

186724

COUNTY OF MONTANA ss.
COUNTY CLERK

I hereby certify that the above instru-
ment is a true and correct copy of the original as filed in this office

31st December
1903 at 11:17 A.M.

Stratton H. Cushman
COUNTY CLERK

By _____ Deputy

File No.

T. 1 S. R. 20 E.

DUPLICATE

County Stillwater

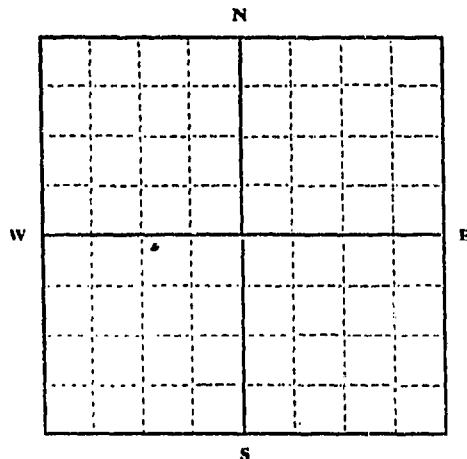
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

JAN 3 1964

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. William R. Bokna, of Columbus
(Name of Appropriator) (Address) (Town)
County of Stillwater State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



1/4 Sec. 22 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 Only water supply through years- household-stock-irrigation
3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1882 each year
4. The amount of groundwater claimed (in miner's inches or gallons per minute) 360 gallons
40 miners inches
5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof
3 Ac. NE 1/4 SW 1/4 Section 29
6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Electric and Hand
7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Hand 1882 Electric 6/6/63
8. The depth of water table 25' Approx.
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
Machine dug 6"-50' deep
Machine Dug 6"-50' deep
10. The estimated amount of groundwater withdrawn each year 300,000
11. The log of formations encountered in the drilling of each well if available None
12. Such other information of a similar nature as may be useful in carrying out the policy of this act, including reference to book and page of any county record

Signature of Owner William R. Bokna

Date December 31, 1963

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

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

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

186711

4w-4

STATE OF NEW YORK ss.
COUNTY OF WATER

I, the undersigned, do hereby certify that the above instru-
ment is a true and correct copy of the original as it appears in this office

at 31st December

1863, at 10:42 A.M.

Herbert H. Colburn

NOTARY PUBLIC

By _____

File No. 187768

DUPLICATE

RECEIVED
MAY 28 1964

T. 1 S R. 20 E 31County Stillwater

STATE ENGINEER
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater
Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

0-12 TOP Soil12-16 Brown Clay16-27 Brown SandstoneOwner Charles Bore Address Columbus, MontDriller B. H. Drilling Address Fishtail, Mont

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

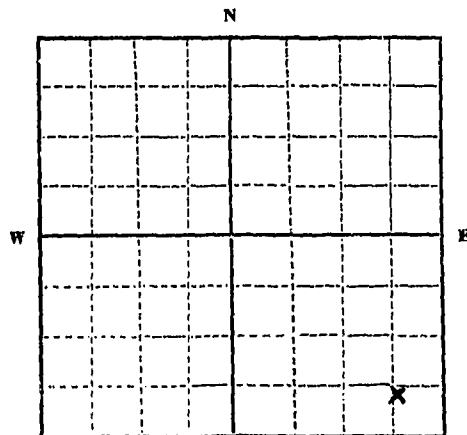
Date well started 4/23/64 Date Completed 4/24/64Type of well Drilled Equipment Used Churned Drill

(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)
6 inch	6 inch	1+	20			
	17#					
	1 1/2	0	60	3/16	25	30
	Plastic			Holes	50	55



SE 1/4 SE Sec. 31 T. 18 R. 20 E

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

Show exact depth of bottom.

60 ft.Static Water Level for non-flowing Well 20 feet.

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

Pumping Water Level 55 feet at 6 gal. per minute.

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

How Tested Bailer & Pump Length of Test 2 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).....

No 27
Driller's License NumberRed L. Hargan
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.

38134

187768

STATE OF MONTANA
COUNTY OF STILLWATER

I hereby certify that the above instru-
ment was filed and indexed in this office
on the 27 day of May
A.D. 1964, at 10:30 o'clock P.M.

Gertrude H. Calhoun
COUNTY RECORDER

Deputy

T. 1 S. R. 20 E. 36

County.....Stillwater.....

MONTANA BUREAU OF MINES AND GEOLOGY
Butte, Montana

RECEIVED
JUN 29 1961

WATER WELL LOG

STATE ENGINEER

			X

Owner.....Violet J. Lorash.....Address.....Columbus, Mont.....

Driller.....Leroy E. Johnson.....Address.....1145 Lynn Ave. Billings

Date Started.....June 27, 1961.....Date Completed.....June 29, 1961

Location: Sec.....36.....T. 1 S.....R. 20 E. 1/4 sec.....SE 1/4 of NE 1/4

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

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

Casing:.....21.....ft. to.....20.....ft. Type.....black.....Size 6" O. D. surface pipe

Casing:.....54.....ft. to.....54.....ft. Type.....sheet metal.....Size 5"

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

Perforated or Screened: Ft.....21 ft. to ft.....Ft.....33 ft. to ft.....54 ft.

Type of screen or perforations.....

Static Water level, for non-flowing well:.....8 feet from surface.....feet.

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

Pumping water level.....42 feet.....feet at.....12.....gal. per min.

How tested:.....bailer.....

Length of test.....2 hrs.....

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

(over)

Log of Well

[illegible]

GROUNDWATER INDEX

Page 1 of

County Stillwater Twp. 15 Rge. 21E

[illegible]

191550

File No.

T 1 S R 21 E

County Stillwater

DUPLICATE
STATE WATER CONSERVATION BOARD

NOV 26 1965

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Billie _____ McDermott _____
Bullock _____ McNulty _____
Celia _____ Norton _____
Darlington _____
Diekert _____

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1940

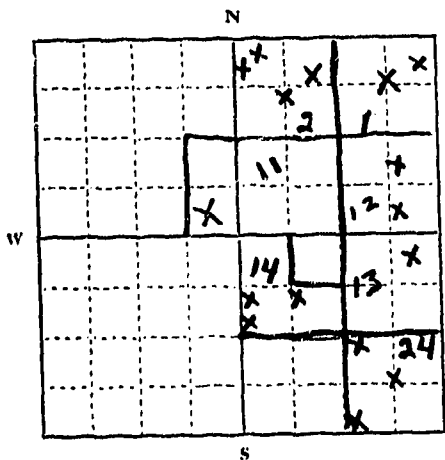
Owner John H. Leuthold Address Molt, Mont.
Grace M. Leuthold

Contractor (if any) _____

Address of Contractor _____

Date Started 1940 Date Completed _____

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



..... 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 year around
stock water use and sub-irrigation
and water spreading for hay and
range where applicable

Signature of Owner John H. Leuthold

Date Sept 28, 1965

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

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

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

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

191550

STATE OF MONTANA ss.
COUNTY OF STILLWATER

I hereby certify that the above instru-
ment was filed and indexed in this office
on the 24th day of November
A. D. 1965, at 3:10 o'clock P. M.

Gertrude H. Calhoun

COUNTY RECORDER

By _____ Deputy

File No. 181869 STATE WATER CONSERVATION BOARDT. 1S R. 21

DUPLICATE

County Stillwater

By: _____
 But: _____
 Coy: _____
 Darlington: _____
 Dickert: _____

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

3

Notice of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater.....

Owner Keating Ranch Address Molt

Contractor (if any).....

Address of Contractor

Date Started July 1962 Date Completed July 1962

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

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

Gravity

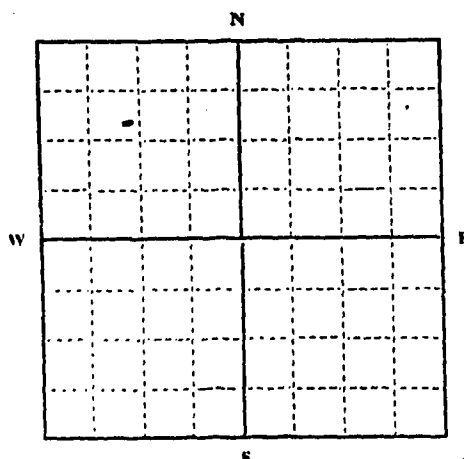
3) Depth of water table.....

4) Use of the water..... Stock

5) Amount of groundwater claimed (in miner's inches, or gallons
per minute)..... 15

6) If used for irrigation, give number of acres and description of
land.....

7) Estimate amount of water used each year..... 1,000,000

Signature of Owner Keating Ranch, Inc.Date December 30, 1965NW 1/4 NW Sec. 3 T. 1S R. 21EIndicate 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.

40401

STATE OF MONTANA } ss.
COUNTY OF STILLWATER }

A. D. 1945, at 3:13 o'clock P. M.

COUNTY RECORDER

Deputy

SW 3

191552

File No.

DUPLICATE

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

T 1 S R 21 E 4, 5 sec.
~~T 1 N R 21 E 32, 34~~
 County Stillwater

STATE WATER CONSERVATION BOARD

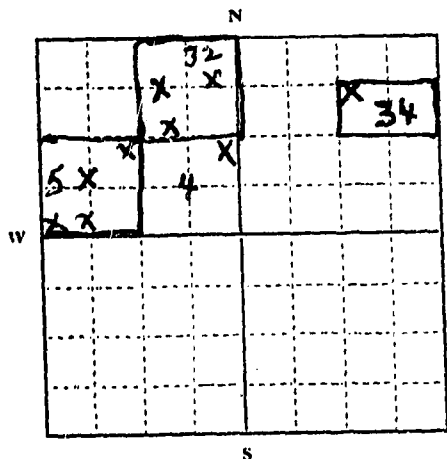
NOV 26 1955

STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Blie _____ McDermott _____
 Butcher _____
 Coyle _____
 Darlington _____ Sullivan _____
 Dickert _____

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)



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

Date of Appropriation of Groundwater 1958

Owner John H. Leuthold Address MOLT, MONT.
Grace M. Leuthold

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. "Sub-irrigation and
other natural processes," 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

year around stock water use
and sub-irrigation and
water spreading for hay
and range where applicable

Signature of Owner John H. Leuthold
Grace M. Leuthold
 Date Sept 28, 1965

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

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

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

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

39907

191552

STATE OF MONTANA } ss.
COUNTY OF STILLWATER }

I hereby certify that the above instru-
ment was filed and indexed in this office
on the 24 day of November
A. D. 1915, at 3:20 o'clock P. M.

Gertrude H. Calhoun
COUNTY RECORDER

By.....Deputy

File No. 193416

OCT 31 1966

T. 1 S. R. 21 E. N. 1/4

DUPLICATE

LOG

 Borehole No. _____
 Date _____
 County S. Tillamook
 Diller _____
 Dicker _____

 STATE OF MONTANA
 ADMINISTRATOR OF GROUNDWATER CODE
 OFFICE OF STATE ENGINEER

Top of Ground

0-4 TOP Soil

(Elev. above sea level)

4-12 Hard Shale

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

12-26 Gray Shale26-30 Sandy Shale1/2 Gal Per minOwner Sam Nomander Address Calmar, MontDriller B & H Drilling Address Fish Lake, Mont

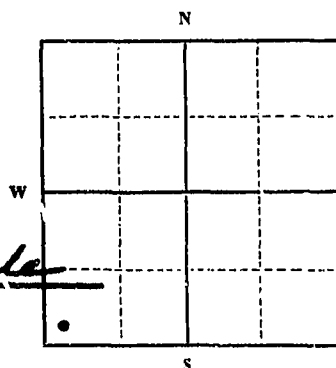
Date of Notice of appropriation of groundwater _____

Date well started 9/23/66 Date completed 9/30/66Type 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 ☐30-70 Hard Gray Shale1 Gal Per min70-83 Sandy 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.

12 in83-101 Gray Sandstone

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS		
				Kind Size	From (Feet)	To (Feet)
	6 inch	3+	6			
	17 #				70	80
	4 1/2	10-	150	3/16	130	140
	Plastic			Holes		

101-150 Hard ShaleStatic Water Level for non-flowing well 26 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 130 feetat 1 1/2 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested BarlowLength of Test 2 hrs

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

 SW 1/4 Sec. 7 T. 130 R. 21 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.

150 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. Hargan
 Driller's Signature
41,574 ~~41,573~~

193476

STATE OF MONTANA
COUNTY OF STILLWATER

I hereby certify that the above instru-
ment was filed and indexed in this office
on the 28 day of October
A. D. 1936, at 9:30 o'clock A. M.

Gertrude H. Calhoun
COUNTY RECORDER

Deputy

STILLWATER COUNTY
STATE OF MONTANA

File No. 186741 ADMINISTRATOR OF GROUNDWATER
OFFICE OF STATE ENGINEER

1s, Rge 21 E

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961) JAN 2 1966

STATE ENGINEER

1. Samuel G. Kovanda, of Columbus, Montana,

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

	Sec. 7	Sec. 8	Sec.	Sec.	Sec.	Sec.
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	stock water	stock water				
3. Approx date of Use	1961	1915				
How continuous?	continuous	not now in use				
4. Amount claimed in miner's inches or gallons per min.	2 gal per min	10 gal per min				
5. Acres irrigated	none	none				
Description						
Name of Owner						
6. Location of Well						
Means of With-drawal	SWSW Elec Pump	SENE Hand pump				
7. Date-Commencement	1961	don't know				
Date-Completion						
8. Depth of water table	16'	12'				
9. Type, size, depth or specifications of works	dug well 20 ft 2 1/2" steel casing	dug well 20 ft deep 2 1/2" steel casing				
10. Estimated amount withdrawn annually	75,000	not in use				
11. Log, if available	6' dirt 2' rock 2' shale 2' rock layered to 20 ft	NA				
12. Other information	NA	None				

Signature of owner Samuel G. Kovanda

Date December 31, 1963

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

27712

186741

9w-4

STATE OF MONTANA ss.
COUNTY OF STILLWATER

I hereby certify that the instru-
ment is a true and correct copy of the

on the *31st* *December*

A. D. *1963* *1:25* *P.*

Gertrude N. Carson
COUNTY CLERK

By _____

STILLWATER COUNTY
STATE OF MONTANA

1 So. 21 E. M.P.M.

File No. 191549 ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Twp 1 No. Rge 22 E 15

DECLARATION OF VESTED GROUNDWATER RIGHTS
(Under Chapter 237, Montana Session Laws, 1961)

1. JOHN H. LEUTHOLD and GRACE LEUTHOLD, of MOLT, MONTANA

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

	Twp 1S-21E Sec. 8	T1N-22E Sec. 10	T 1N - R22E Sec. 10	T1N-R22E Sec. 10	T1N R 22E Sec. 27	T1N R22E Sec. 16
	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
WELLS	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
2. Basis of Beneficial Use	Household & Livestock	Household & Livestock	Household & Livestock	Household & Livestock	Household & Livestock	Livestock
3. Approx date of Use	1946	1940	1959	1961	1950	1920
How continuous?	year round	Year round	year round	year round	year round	year round
4. Amount claimed in miner's inches or gallons per min.	6 gals	6 gals	6 gals	10 gals	6 gals	20 gals
5. Acres irrigated	1	1	1	1		
Description	Farm yard	Farm yard	Farm yard	Farm yard		
Name of Owner	Leuthold	Leuthold	Leuthold	Leuthold	Leuthold	Leuthold
6. Location of Well	21,1S,21E	10,1N,22E	10,1N,22E	10,1N,22E	27,1N,22E	16,1N, 22E
Means of With-drawal	Electric Pump	Windmill Pump	Electric Pump	Electric Pump	Gasoline motor	Gasoline pump
7. Date-Commencement	About	About	1960	1961	1950	1920
Date-Completion	1946	1940	1960	1961	1950	1920
8. Depth of water table	80 ft	80 ft	240 ft	74 ft	75 ft	8 ft
9. Type, size, depth or specifications of works	6" casing	6" casing	6" casing	8" casing	6" casing	Dug well 2 ft.
10. Estimated amount withdrawn annually	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000	1,800,000
11. Log, if available	N.A.	N.A.	Blue sand and gray shale	Sand rock gray shale	N.A.	gray shale
12. Other information	STATE WATER CONSERVATION CODE					

NOV 26 1965

Bill _____ McDermott _____
Butt _____ McNally _____
Coyle _____ Morten _____
Darlington _____ Sullivan _____
Dickert _____

Signature of owner

Date

Sept 28, 1965

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

39903

File No.

STATE WATER CONSERVATION BOARD

T. 1S R. 21E

JAN 2 1966

DUPLICATE

County Stillwater

Billie McDermott

Bl. n. STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

Office of State Engineer

Notice of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

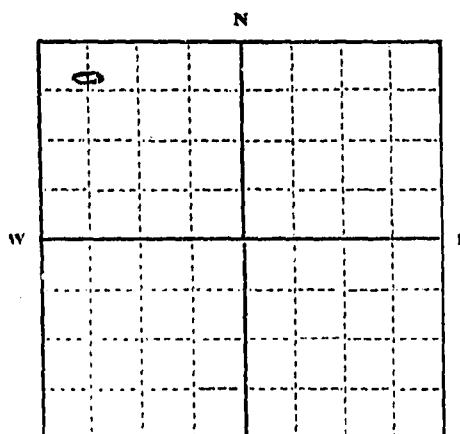
Date of Appropriation of Groundwater December 30th, 1965

Owner Keating Ranch Address Molt, Montana

Contractor (if any)

Address of Contractor

Date Started Aug 1962 Date Completed Aug 1962



NW 1/4 NW Sec 15 T 1S R 21E

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

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

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

3) Depth of water table ...

4) Use of the water Stock

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) 20 gal per min

6) If used for irrigation, give number of acres and description of land NA

7) Estimate amount of water used each year 2,000,000 gal

Signature of Owner Keating Ranch Inc

Date Dec. 30, 1965

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

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

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

191812

STATE OF MONTANA
COUNTY OF STILLWATER

I hereby certify that the above instru-
ment was filed and indexed in this office
on the 30 day of April
A. D. 1965, at 4 o'clock P M.

JOHN H. CALHOUN
COUNTY RECORDER

By _____ Deputy

File No.

101788

T. 1S R. 21E

DUPLICATE

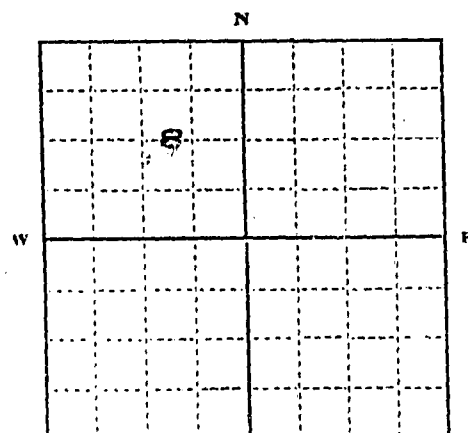
County. Stillwater

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

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

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)



NE 1/4 NW Sec. 17 T. 1S R. 21E

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

Date of Appropriation of Groundwater. December 30, 1965

Owner. Keating Ranch Address. Molt, Montana

Contractor (if any).

Address of Contractor

Date Started Nov. 1965 Date Completed Dec. 1965

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

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

3) Depth of water table.

4) Use of the water. Stock

5) Amount of groundwater claimed (in miner's inches, or gallons
per minute) 4 gal per min6) If used for irrigation, give number of acres and description of
land. NA

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

Signature of Owner. Keating Ranch Inc
Ted Keating
Date. Dec. 30, 1965

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

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

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

40399

191798

STATE OF MONTANA { ss.
COUNTY OF TULLWATER {

I hereby certify that the above instru-
ment was filed and indexed in this office
on the 20th day of Dec

A. D. 1965, at 3:05 o'clock P. M.

Gertrude H. Colhoun

Deputy

File No. 191788 STATE WATER CONSERVATION BOARD

T. 1 S R. 21 E

DUPLICATE

JAN 3 1966

County Stillwater

Billie _____ McDermott
Bullock _____ STATE OF MONTANA
Co. _____ ADMINISTRATOR OF GROUNDWATER CODE
Duckert _____ OFFICE OF STATE ENGINEER

20

Notice of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater December 30, 1965

Owner Keating Ranch Address Molt, Montana

Contractor (if any) _____

Address of Contractor _____

Date Started Nov. 1965 Date Completed Dec. 1965

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

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

3) Depth of water table _____

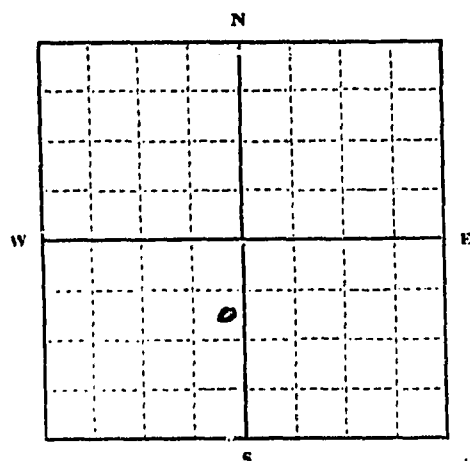
4) Use of the water Stock

5) Amount of groundwater claimed (in miner's inches, or gallons per minute) 3 gal. per min.

6) If used for irrigation, give number of acres and description of land NA

7) Estimate amount of water used each year 50,000 gal.

Signature of Owner Keating Ranch, Inc.
Ed Keating
Date December 30, 1965



NE 1/4 SW Sec. 20 T. 1S R. 21E

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.

10400

191799

STATE OF MONTANA ss.
COUNTY OF STILLWATER

I hereby certify that the above instru-
ment was received and indexed in this office
on the 30th of December
A. D. 1965 at 3:10 o'clock P. M.

Gertrude H. Calhoun

COUNTY RECORDER

By _____ Deputy

File No. 191737T. 1 S R. 21 E

DUPLICATE

Billed

Billed

Cashed

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

OFFICE OF STATE ENGINEER

County Stillwater

Notice of Completion of Groundwater Appropriation Without Well

Developed After January 1, 1962

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater December 30, 1965Owner Keating Ranch Address Molt, Montana

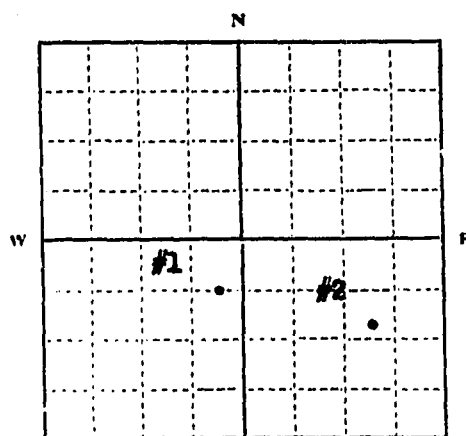
Contractor (if any) _____

Address of Contractor _____

Date Started July 1963 Date Completed Aug 19631) Describe means of obtaining groundwater (as by sub-irrigation, developed spring, drains, etc.) Developed Springs

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

3) Dep'th of water table _____

4) Use of the water Stock5) Amount of groundwater claimed (in miner's inches, or gallons per minute) #1 - 10 gal per min
#2 - 8 gal per min6) If used for irrigation, give number of acres and description of land NA7) Estimate amount of water used each year #1 - 100,000 gals#2 - 100,000 gals.Signature of Owner Keating Ranch, Inc
T. KeatingDate December 30, 1965#1 NE $\frac{1}{4}$ SW $\frac{1}{4}$ #2 NE $\frac{1}{4}$ SE Sec. 22 T. 1S R. 21EIndicate 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.