GROUNDWATER INDEX

Page ___ of ___

County PRAIRIE Twp. 10N Rge. 53E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
4	EVERTZ, DAUL	GW-2	88557	
6	LIKE, ARTHUR	GW-4	85456	
7	GACKLE, ALVIN W.	GW-3	85575	
17	LIKE, FRED A.	GW-4	85451	
17	LIKE, FRED A.	GW-4	85452	
25	BUREAU OF LAND MANAGEMENT	GW-2	90488	
34	TENNANT, ORVAL	GW-4	85526	
35	TENNANT, ORVAL	GW-4	85525	

GW 2

STATE WATER CONSERVATION BOARD

Approved Stock Form—State Publishing Co., Helena, Montana—4047

4

File No.....

DEC 9 1966

T. 10 R. 53

DUPLICATE

Bills..... McDermott.....
Butte-In..... McNally.....
Cole..... Morton.....
Dallinton..... Sullivan.....
Dickert.....

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground

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

0'-20' Sandy Soil
20-81 Shale
81-86 Sand - seepage
86-100 Coal
100-110 Sand - seepage
110-114 Coal & Blk. Shale
114-134 Shale
134-138 Coal
138-162 Shale
162-163½ Rock
163½-200 Shale
200-210 Gray Sandstone
210-216 Blu Shale

Owner Paul Evertz Address Mildred, Mont.

Driller Joe Johnson Address Terry, Mont

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

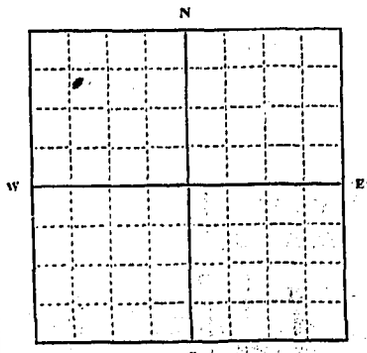
Date well started 10/3/66 Date Completed 10/12/66

Type of well Drilled (dug, driven, bored or drilled) Equipment Used Spudder (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)
8"	4" ID 10#/ft	+2'	216'	Slots 1/4"	196'	216'



NW¼ Sec. 4 T. 10 R. 53

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

Static Water Level for non-flowing Well 54 feet.

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

Pumping Water Level 200 feet at 10 gal. per minute.

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

How Tested Bailer 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)

Gravel Packed Top to bottom.
Replaces old well.

Show exact depth of bottom.

218'

154
Driller's License Number

Joe Jim Johnson
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.

88557

FILED

at 10:55 o'clock A M.

DEC - 7 1966

County Clerk

Deputy

Fee

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

File No.

T. 10N R. 53E 6

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 27 1963 STATE ENGINEER

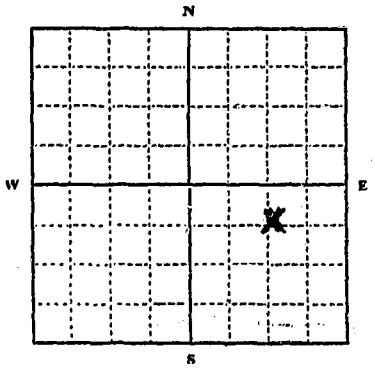
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Arthur Like, (Name of Appropriator) (Address) Terry (Town)

County of Prairie State of Montana

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



SE ¼ Sec. 6 T 10 R 53 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 watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: May 20-1946 - Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 5½ gallons 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: 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: Commenced May 1-1946 - completed May 20-1946.

8. The depth of water table: 215 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled - 6 inch Casing - 215 ft deep

10. The estimated amount of groundwater withdrawn each year: 144,000 gallons

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

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

Signature of Owner: Arthur Like

Date: Dec. 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.

13683

85456

FILED
at 4:30 o'clock P. M.
DEC 26 1963
County Clerk
Deputy
Fee 2.00

GW3

File No. G

T 10 N R 53 E

DUPLICATE

County PRAIRIE

RECEIVED
JAN 6 1964
STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation Without Well

(Under Chapter 237 Montana Session Laws, 1961)

Date of Appropriation of Groundwater 1960

Owner Alvin H. Lackl Address Terry, Mont.

Contractor (if any) Bert Lee

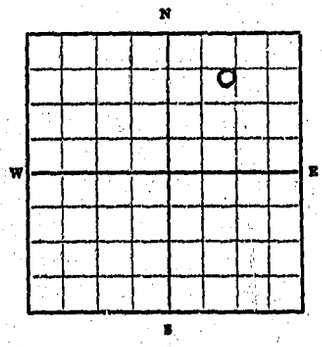
Address of Contractor Terry, Mont.

Date Started 10-12-63 Date Completed 10-12-63

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

4' to water.

Developed Spring with Back Hoe



NE ¼ Sec. 7 T 10 R 53

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

Developed approximately 24,000 gallons per month - used for stock watering for four month each year.

Signature of Owner Alvin H. Lackl

Date Dec. 31-1963

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

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

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

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

24916

85575

FILED
at 2:30 o'clock P M.
DEC 31 1963
County Clerk
Deputy
Fee 2.00

Approved Stock Form—State Publishing Co., Helena, Montana—4234

File No. .....

T. 10 N. R. 53 E

DUPLICATE

County Prairie

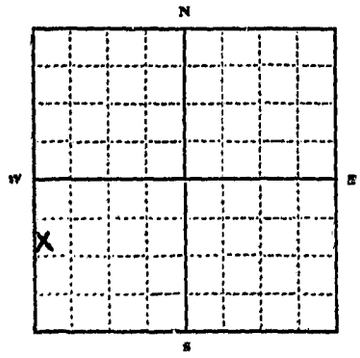
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Fred A. Like (Name of Appropriator), of Terry (Address) (Town)
County of Prairie State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW ¼ Sec. 17 T. 10 R. 53

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 watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1931 - Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 7 gallons - 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: Self flowing spring

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: no construction except dynamiting + cleaning out point of years

8. The depth of water table: not known - spring

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: not known - spring

10. The estimated amount of groundwater withdrawn each year: 1,051,200 gallons

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

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

Signature of Owner: Fred A. Like

Date: Dec. 23-1963

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

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

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

13679

85451

FILED
at 11:20 o'clock A.M.
DEC 26 1963
County Clerk
Deputy
Fee 2.00

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

File No.....

T. 10 N R. 53 E

County Prairie

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 27 1963
STATE ENGINEER

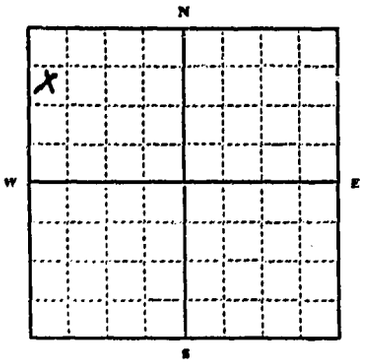
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Fred A. Like (Name of Appropriator), of (Address) Terry. (Town)

County of Prairie State of Montana

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



NW¼ Sec. 17 T. 10 R. 53

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

2. The beneficial use on which this claim is based: Household & Stock Watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1946 – Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 8 gallons – 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: Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Commenced & Completed 1946

8. The depth of water table: 68 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled – 6 inch Casing – 160 ft deep.

10. The estimated amount of groundwater withdrawn each year: 100,000 gallons per year

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

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

Signature of Owner: Fred A. Like

Date: Dec 23-1963

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

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

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

13680

85452

FILED
at 11:21 o'clock A M.
DEC 26 1963
County Clerk
Deputy
Fee 2.00 Pd

GW 2

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

25

File No. _____ P.J. Well

T. 10 N. R. 33 E.

DUPLICATE

MONTANA WATER RESOURCES BOARD
RECEIVED
OCT 1 1969

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
STATE WATER CONSERVATION BOARD

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

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

LOG

	Top of Ground
10	Sand
20	(Elev. above sea level 2595)
30	Clay, dark gray
40	Clay, black
50	
60	Clay, blue gray
70	Clay & coal
80	
90	
100	Clay, dark
110	Coal, water trace
120	
130	Static water level
140	
150	
160	
170	Clay, dark gray
180	Clay & coal
190	Pump set at 180 ft.
200	
210	
	Gray water, sand
220	Clay, dark
230	Bottom - 232 ft.
	Shale, hard, gray

Show exact depth of bottom.

Owner Bureau of Land Management Address Miles City, Montana

Driller Joe Johnson Address Terry, Montana

Date of Notice of appropriation of groundwater 9/4/68

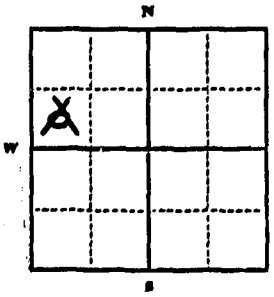
Date well started 8/27/68 Date completed 9/4/68

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
8"	6 5/8 O.D.	+1	232	Slot 1/8 x 12	212	232



SW1/NW Sec. 25 T. 10N. R. 33E

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

Static Water Level for non-flowing well 130 feet.

Shut-in Pressure for Flowing Well _____

Pumping Water Level 160 feet at 4 gal. per minute.

Discharge in gal. per min. of flowing well _____

How Tested Bailing

Length of Test _____

Remarks: (Gravel packing, cementing, packers, type of shutoff) Gravel pack from bottom of hole up for 20 ft. inside and outside casing.

(Continue on reverse side)

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

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

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

154
Driller's License Number

Joe Jon Johnson
Driller's Signature

44,617

90488

FILED
at 1:45 o'clock P.M.
SEP 30 1968
County Clerk
Deputy
Fee

Approved Stock Form—State Publishing Co., Helena, Montana—4223

File No.

T. 10N R. 53

DUPLICATE

County Prairie

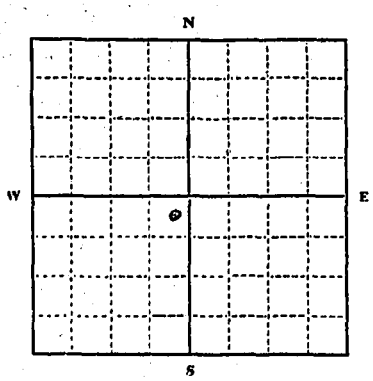
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ORVAL TENNANT (Name of Appropriator), of BAKER (Address), MONT (Town)
County of PRAIRIE State of MONT
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW 1/4 Sec. 34 T. 10 R. 53

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: Summer pasture

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 10 May 1960 used some each summer since drilled

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: windmill and standby motor

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: completed in May 1960

8. The depth of water table: 250 ft - artesian table at 200 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: cased with 2" + has 2" cylinder

10. The estimated amount of groundwater withdrawn each year: 729000 gals.

11. The log of formations encountered in the drilling of each well if available: Not available Drilled by Dist Ashen

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: Orval Tennant

Date: 28 Dec 1963

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

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

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

24869

85526

FILED
at 4:35 o'clock P.M.
DEC 30 1963
County Clerk
Deputy
Fee 2.00

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

File No.....

T. 10 N R. 53 E 35

DUPLICATE

County. Prairie

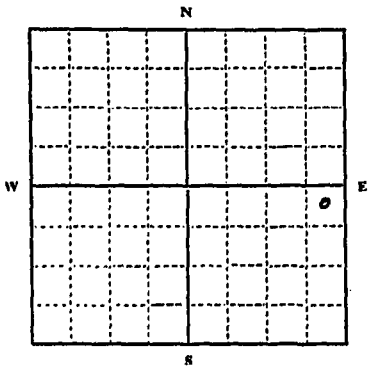
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
JAN 6 1964
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. ORVA TENNANT (Name of Appropriator), of BAKER (Address) (Town)
County of PRAIRIE State of MONT
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ Sec. 35 T. 10 R. 53

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
Summer pasture

3. Date or approximate date of earliest beneficial use; and how continuous the use has been July 1963

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 Windmill

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Completed Oct 1963

8. The depth of water table 22 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 Cased with 18 Concrete to depth of 27 ft, 2 in cylinder with Drilled

10. The estimated amount of groundwater withdrawn each year 729000 gals

11. The log of formations encountered in the drilling of each well if available
No available. Water in coarse gravel
Drilled by Herb O'Donnell Baker, Mont

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 Orva Tennant

Date 28 Dec 1963

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

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

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

24868

85525

FILED
at 4:35 o'clock P. M.
DEC 30 1963
County Clerk
Deputy
Fee 2.00

GROUNDWATER INDEX

Page ___ of ___

County PRAIRIE Twp. 10N Rge. 54E

Sec.	Name of Appropriator	Type of Form	County File No.	Remarks
4	BLM	GW 2	83802	
4	AYERS, NEWMAN	GW-4	85463	
6	MATHIASON, ERLING	GW-4	85503	
8	BUREAU OF LAND MANAGEMENT	GW-4	84286	
12	ROCK, ART	GW-4	85407	
16	ROCK, ART	GW-4	85408	
21	ROCK, ART	GW-4	85406	
22	ROCK, ART	GW-4	85405	
22	ROCK, OLIVER & LILLIAN	GW-4	85477	
23	KEYSTONE RANCHES, INC.	GW-4	85412	
24	KEYSTONE RANCHES, INC.	GW-4	85411	
24	KEYSTONE RANCHES, INC.	GW-4	85413	
26	KEYSTONE RANCHES, INC.	GW-4	85417	
28	KEYSTONE RANCHES, INC.	GW-4	85416	
29	BUREAU OF LAND MANAGEMENT	GW-2	87652	
30	KEYSTONE RANCHES, INC.	GW-4	85414	
32	KEYSTONE RANCHES, INC.	GW-4	85415	
33	KEYSTONE RANCHES, INC.	GW-4	85410	
36	KEYSTONE RANCHES, INC.	GW-4	85418	
36	KEYSTONE RANCHES, INC.	GW-4	85419	
~~4~~	~~BUREAU OF LAND MANAGEMENT~~	~~GW-2~~	~~83802~~	WAS MISFILED EARLIER

GW 2

File No.....

T. 10 N. R. 54 E.

DUPLICATE

County.. Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED MAY 16 1962 STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

(Under Chapter 237, Montana Session Laws, 1961)

0 Top of Ground

(Elev. above sea level 2495 ....)

Yellow sandy loam

20'

21' Gravel—water 17 gal/min.

Bluish-yellow sandy loam

31' Depth of bottom

Owner Bureau of Land Management Address Miles City, Montana

Driller Henry I. Johnson Address Terry, Montana

Date of Notice of Appropriation of Groundwater None

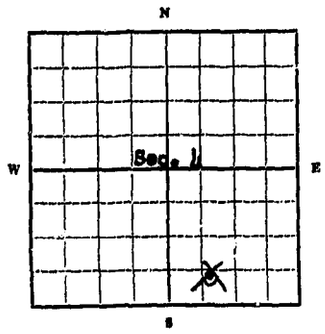
Date well started 4/2/62 Date Completed 4/4/62

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
6"	5 5/8" - 11 lb. per ft.	0	31'	Slots 5" long & 5/32" wide	17'	31'



SW ¼ SW ¼ Sec. 4 T. 10N R. 54E

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

Show exact depth of bottom.

Static Water Level for non-flowing Well 17 feet.

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

Pumping Water Level 20 feet at 17 gal. per minute.

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

How Tested 6 gal. 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) .....

22
Driller's License Number

Henry I. Johnson
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 School of Mines and Quadruplicate for the Appropriator.

668

83202

Water Well Log
Bureau of Land Management
to
The Public

FILED
at 11:23 o'clock A. M.
MAY 15 1962
Clerk
Fee 2.00 Deputy

85463

FILED
at 11:30 o'clock A.M.
DEC 27 1963
J. Allen Johnstone
County Clerk
Deputy
Fee $2.00

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

File No. .....

T. 10N R. 54E

DUPLICATE

County PRAIRIE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 30 1963
STATE ENGINEER

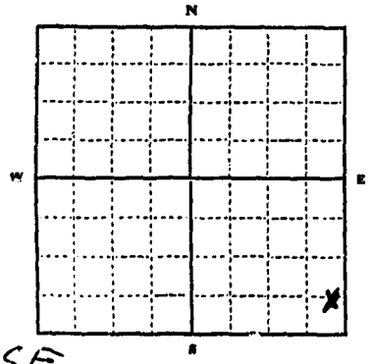
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Newman Ayers (Name of Appropriator), of Box 113 (Address) Mildred Mont. (Town)

County of PRAIRIE State of MONTANA

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



SE ¼ Sec. 4 T. 10 R. 54

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

2. The beneficial use on which the claim is based DOMESTIC AND STOCK WATER

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1942 - CONTINUOUS

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof NOT USED FOR IRRIGATION

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater SUMMER 1942

8. The depth of water table approximate 780 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater DRILLED 2 IN CASING INSTALLED TOTAL DEPTH 810 feet.

10. The estimated amount of groundwater withdrawn each year 600,000 gal.

11. The log of formations encountered in the drilling of each well if available 0 to 350 Shale 350 to 360 SAND 360 to 780 Shale 780 to 810 SAND

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 Newman Ayers

Date Dec 27, 1963

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

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

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

15591

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

File No.

DUPLICATE

RECEIVED DEC 31 1964 STATE ENGINEER

T. 10 N R. 5 E

County Prairie

RECEIVED JAN 6 1964 STATE ENGINEER

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

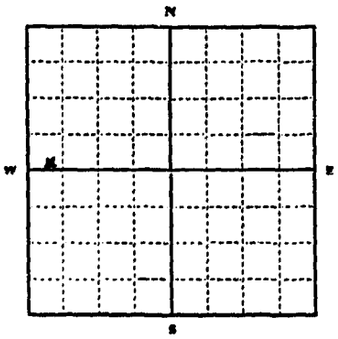
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Erling Mathison (Name of Appropriator), of Mildred (Address) (Town)

County of Prairie State of Montana

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



NW¼ Sec. 6 T. 10 R. 5E

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 Watering

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 5 gallons 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: Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Commenced 1957 - completed 1957

8. The depth of water table: 28 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled - 5 inch casing - 58 feet deep

10. The estimated amount of groundwater withdrawn each year: 900,000 gallons

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

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

Date not duplicated

Signature of Owner: Erling Mathison

Date: Dec 23, 1963

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

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

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

24848

85503

FILED

at 11:20 o'clock A M.

DEC 30 1963

County Clerk

Deputy

Fee 2.00

G—Helena Independent Record

File No.....

DUPLICATE

T. 10 N. R. 54 E.

County Prairie

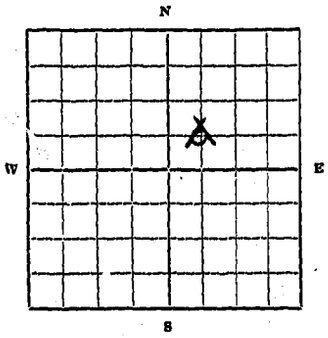
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Bureau of Land Management, of Box 960, Miles City
(Name of Appropriator) (Address) (Town)
County of Custer State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW ¼ NE Sec. 8 T. 10N R. 54E

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
Livestock use

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1945 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 3 gal/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

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal
Windmill - SWNWk of Sec. 8

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1945

8. The depth of water table Unknown

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
No information available

10. The estimated amount of groundwater withdrawn each year 1,500,000 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
This well is on Title III Bankhead-Jones Land.

District Manager
Arthur H. Zimmerman

Date 1-22-63

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.

3664

84286

FILED
at 4 10 o'clock P M.
FEB 15 1963
County Clerk
Fee 2.00
Deputy

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

File No.....

T. 10 N. R. 54 E

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

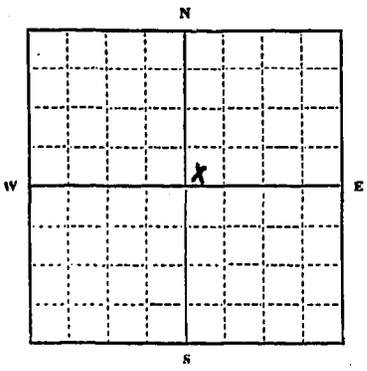
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Art Rock (Name of Appropriator), of Mildred (Address) (Town)

County of Prairie State of Montana

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



N.E. ¼ Sec. 12 T. 10 R. 54

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 watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1950 - Continuous
[redacted]

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Commenced & Completed 1950

8. The depth of water table 15 feet

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Drilled - 4 inch casing - 50 feet deep.

10. The estimated amount of groundwater withdrawn each year 7,678,000 gallons.

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

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

Signature of Owner Art Rock

Date Dec. 20-1963

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.

12501

85407

FILED

at 5:00 o'clock P. M.

DEC 20 1963

County Clerk

Deputy

Fee 2.00 Pd.

85408

FILED
at 5:01 o'clock P. M.
DEC 20 1963
County Clerk
Deputy
Fee 2.00

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

File No.....

T. 10N R. 54E

County Prairie

DUPLICATE

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

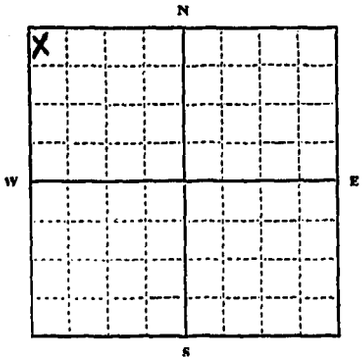
RECEIVED
DEC 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Art Rock, of Mildred
(Name of Appropriator) (Address) (Town)

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



NW ¼ Sec. 16 T. 10 R. 54

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 watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been
1946 - Continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons-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
Pump

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Commenced + completed 1946.

8. The depth of water table 200 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Drilled - 4 inch casing - 272 feet deep.

10. The estimated amount of groundwater withdrawn each year 2,628,000 gallons.

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

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

Signature of Owner Art Rock

Date Dec. 20-1963

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.

12502

G1

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

File No.....

T. 10N R. 54E

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 26 1963 STATE ENGINEER

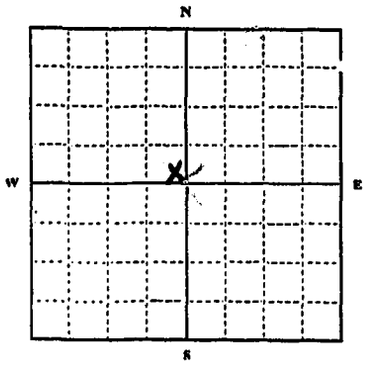
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Art. Rock, of Mildred
(Name of Appropriator) (Address) (Town)

County of Prairie State of Montana

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



NW ¼ Sec. 21 T. 10 R. 54

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 Watering

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5 gallons 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
Pump.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater
Commenced & Completed 1956

8. The depth of water table 75 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater
Drilled, 4 inch casing - 130 feet deep.

10. The estimated amount of groundwater withdrawn each year 1,752,000 gallons

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

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

Signature of Owner Art Rock

Date Dec. 20-1963

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.

12500

85406

FILED
at 5:00 o'clock P. M.
DEC 20 1963
County Clerk
Deputy
Fee 2.00

Approved Stock Form—State Publishing Co., Helena, Montana—38687

File No.

DUPLICATE

Flowing Well

T. 10 N R. 54

County Prairie

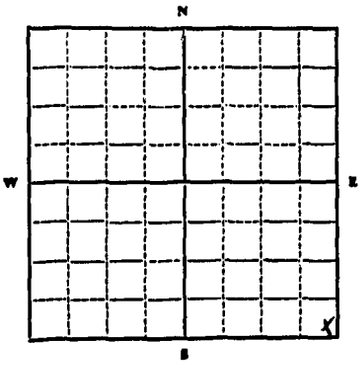
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Art Rock, of Mildred
(Name of Appropriator) (Address) (Town)
County of Prairie State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



S.E. 1/4 Sec. 22 T. 10 R. 54

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

2. The beneficial use on which the claim is based: Household & stock watering

3. Date or approximate date of earliest beneficial use; and how continuous the use has been: 1953 - continuous

4. The amount of groundwater claimed (in miner's inches or gallons per minute): 28 gallons 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: Self flowing Artesian

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater: Commenced & completed 1953

8. The depth of water table: 700 feet.

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater: Drilled - 2 inch casing - 750 feet deep

10. The estimated amount of groundwater withdrawn each year: 2,629,000 gallons

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

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

Signature of Owner: Oliver D. Rock by Art Rock

Date: Dec. 20 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.

12499

85405

FILED
at 5:00 o'clock P. M.
DEC 20 1963
County Clerk
Deputy
Fee 2.00 pd.

GV

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

File No.

T. 10 N R. 54 E

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 30 1963 STATE ENGINEER

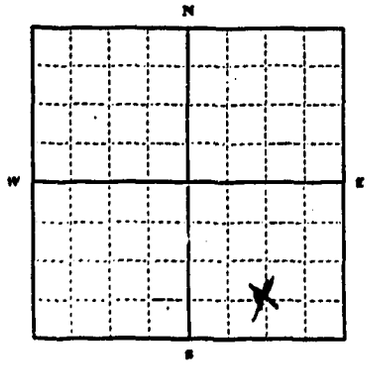
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Oliver & Lillian Rock (Name of Appropriator), of Mildred (Address) (Town)

County of Prairie State of Montana

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



SE ¼ Sec. 22 T. 10N R. 54 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 watering of livestock, garden & household use.

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1943 or 1944 ; continuous use for livestock (Artesian) ever since. Other uses according to season.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof 1 acre SE¼ Sec 22. Owner same

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal flowing artesian ; SE¼ Sec. 22, T 10N, R 54E Well located at residence.

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater Originally drilled in 1943 or '44 and re-drilled about 1954.

8. The depth of water table First drilling about ~~300~~ 95 ft.; Re-drilled to about ~~500 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 4 in casing – 500 ft. Artesian

10. The estimated amount of groundwater withdrawn each year ~~by~~ 99,608,000 gallons

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

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 The well was drilled and re-drilled by George Askin of Ismay, Montana.

Signature of Owner Oliver Rock

Date Dec 27, 1963

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

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

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

15605

85477

FILED
at 2:30 o'clock P M.
DEC 27 1963
County Clerk
Deputy
Fee $2.00 pd

23

File No.....

T. 10N R. 54 East

DUPLICATE

County Prairie

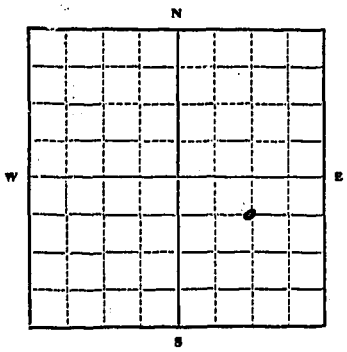
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Keystone Ranches, Inc., of Ismay
(Name of Appropriator) (Address) (Town)
County of Custer State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ Sec. 23 T. 10 R. 54

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, domestic, irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1880, continuous to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1/4 gallon 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 about three acres of ground westerly of site on ground owned by appropriator

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

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

8. The depth of water table flowing spring

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 flowing spring

10. The estimated amount of groundwater withdrawn each year ~~12,500~~ 125,000 gallons

11. The log of formations encountered in the drilling of each well if available none

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

KEYSTONE RANCHES, INC.

Signature of Owner By [signature]
President

Date December 11, 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.

12505

85412
~~85852~~

FILED
at 8:30 o'clock A M.
DEC 23 1963
County Clerk
Deputy
Fee 2.00 Pd.

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

24

File No.....

T 10N R 54E

DUPLICATE

County Prairie

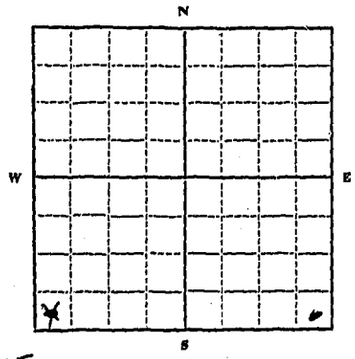
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Keystone Ranches, Inc., of Ismay
(Name of Appropriator) (Address) (Town)
County of Custer State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ~~SW~~ ¼ Sec. 24 T. 10 R. 54

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 about 1930; fairly continuous.

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof no irrigation

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal windmill at well site

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

8. The depth of water table 25' from surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 70' total depth; 6" casing to be used with windmill with 6' head and 750 gallon stockwater tank

10. The estimated amount of groundwater withdrawn each year 250,000 gallons

11. The log of formations encountered in the drilling of each well if available no log 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 hard water

KEYSTONE RANCHES, INC.

Signature of Owner By W. F. Almy
President

Date December 11, 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.

12504

85411

FILED
at 8:30 o'clock A M.
DEC 23 1963
County Clerk
Deputy
Fee 2.00 Pd

24

File No.....

T. 10N R. 54 East

DUPLICATE

County Prairie

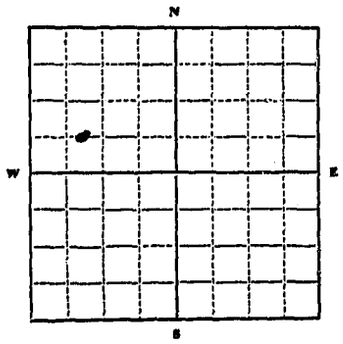
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Keystone Ranches, Inc., of Ismay
(Name of Appropriator) (Address) (Town)
County of Custer State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW ¼ Sec. 24 T. 10 R. 54

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, domestic, irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1880, continuous to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 1/4 gallon 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 about three acres of ground westerly of site on ground owned by appropriator

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

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

8. The depth of water table flowing spring

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 flowing spring

10. The estimated amount of groundwater withdrawn each year ~~12,500~~ 125,000 gallons

11. The log of formations encountered in the drilling of each well if available none

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

KEYSTONE RANCHES, INC.

Signature of Owner By [signature]
President

Date December 11, 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.

12506

85413

FILED
at 8:30 o'clock A M.
DEC 23 1963
County Clerk
Deputy
Fee 2.00 Pd.

File No.....

DUPLICATE

T. 10 N. R. 54 E.

County Prairie

Flowing well

STATE OF MONTANA

ADMINISTRATOR OF GROUNDWATER CODE

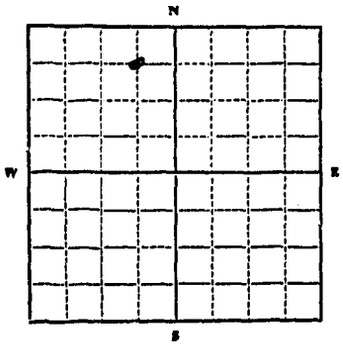
OFFICE OF STATE ENGINEER

RECEIVED DEC 26 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Keystone Ranches, Inc., of Ismay
(Name of Appropriator) (Address) (Town)
County of Custer State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW ¼ Sec. 26 T. 10 R. 54

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 domestic and irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been about 1945, continuous to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons per minute

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

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater commenced and completed about 1945

8. The depth of water table flowing artesian well

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater 300 foot well, cased and cemented, casing 2"

10. The estimated amount of groundwater withdrawn each year ~~200,000~~ 1,000,000 gallons

11. The log of formations encountered in the drilling of each well if available no log

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 produces from Fort Union acquifer

KEYSTONE RANCHES, INC.

Signature of Owner By [signature]
President

Date December 11, 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.

12510

85417

FILED
at 8:30 o'clock A.M.
DEC 23 1963
County Clerk
Deputy
Fee 2.26d.

File No.....

DUPLICATE

T. 10N R. 54 East

County Prairie

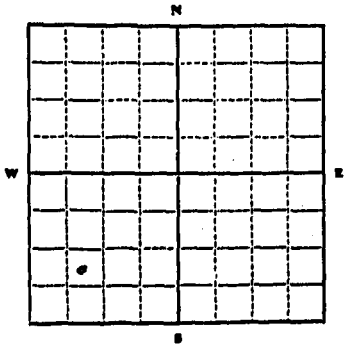
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Keystone Ranches, Inc. (Name of Appropriator) of Ismay (Address) (Town)
County of Custer State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SW ¼ Sec. 28 T. 10 R. 54 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 stockwater domestic

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

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

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

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

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

8. The depth of water table flowing spring

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 improved by installation of 750 gallon stockwater tank which spring keeps full

10. The estimated amount of groundwater withdrawn each year 26,000 gallons

11. The log of formations encountered in the drilling of each well if available none

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

KEYSTONE RANCHES, INC.
Signature of Owner By [signature]
President
Date December 11, 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.

12509

85416

FILED
at 8:30 o'clock A M.
DEC 23 1963
County Clerk
Deputy
Fee 2.00 pd.

GW 2

Approved Stock Form—State Publishing Co., Helena, Montana—4232

29

STATE WATER CONSERVATION BOARD

File No.

DEC 22 1965

DUPLICATE

Bills McDonald
Butzer Mineral
Coyle Jackson
Dunlap Sullivan
Dickert

LOG

T. 10 N. R. 54 E.

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

Notice of Completion of Groundwater Appropriation by Means of Well

DEVELOPED AFTER JANUARY 1, 1962

(Under Chapter 237, Montana Session Laws, 1961)

Top of Ground 2735

(Elev. above sea level XXXXX)

0 to 10 Brown loam

10 to 20 White clay

20 to 80 Brown clay

80 to 101 Gray clay

101 - Static water level

110 to 120 Sandy clay - water

Rock at 121' to 126'

120 to 130 Sandy clay - water

130 to 149 Sandy clay - water

149 Bottom of well

Show exact depth of bottom.

Owner Bureau of Land Management Address Miles City, Montana

Driller Sands Drilling Address Billings, Montana

Date of Notice of appropriation of groundwater

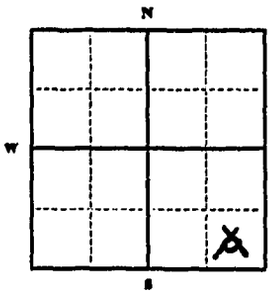
Date well started Nov. 1965 Date completed Nov. 1965

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

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

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

Size of Drilled Hole	Size and Weight of Casing	From (Feet)	To (Feet)	PERFORATIONS Kind Size	From (Feet)	To (Feet)
7 7/8"	6"I.D. 18.79 lb/ft.	+ 1	149	Slot 1/8" x 10"	XXX 115	145



SE. 1/4 SE. Sec. 29 T. 10N. R. 54E.

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

Static Water Level for non-flowing well 101 feet.

Shut-in Pressure for Flowing Well

Pumping Water Level 101 feet at 3 gal. per minute.

Discharge in gal. per min. of flowing well

How Tested Bailing & pumping

Length of Test 5 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).

80 Creek Well
M3-R-1469 - Keystone Ranches Inc.

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 2
Driller's License Number

Clyde E. McKechnie
Driller's Signature

40109

FILED
at 1:55 o'clock P. M.
DEC 20 1965
County Clerk
Deputy
Fee 2.00

30

File No.....

T. 10N R. 54 East

DUPLICATE

County Prarie

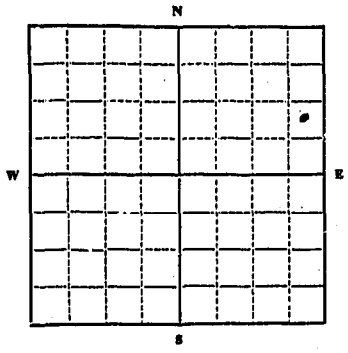
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Keystone Ranches, Inc., of Ismay, Montana
(Name of Appropriator) (Address) (Town)
County of Custer State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NE ¼ Sec. 30 T 10 R 54 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 stockwater, domestic, irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1953 with use continuous from that date

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

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof well irrigates ground about a quarter mile down draw going NE, ground owned by appropriator

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal by windmill at location indicated

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater well commenced and completed 1953

8. The depth of water table approximately 250 feet from surface

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater well depth approximately 1000 feet, 4 inch casing to 300 feet then 1½" or 2" to bottom cemented; areomotor windmill with 8' head

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

11. The log of formations encountered in the drilling of each well if available no logs 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 produces soft water of about 50 degrees temperature - from Fox Hills Sand Acquifer

KEYSTONE RANCHES, INC.

Signature of Owner By [signature]
President

Date December 11, 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.

12507

85414

FILED
at 8:30 o'clock A M.
DEC 23 1963
County Clerk
Deputy
Fee 2.00 pd

File No.....

T. 10N R. 54 East

DUPLICATE

County Prairie

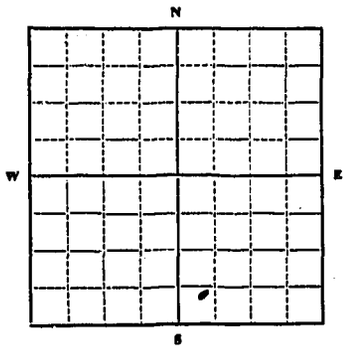
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Keystone Ranches, Inc., of Ismay
(Name of Appropriator) (Address) (Town)
County of Custer State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



SE ¼ Sec. 32 T. 10 R. 54

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, domestic, irrigation

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

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 2/10 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof about one acre north of its location lands owned by appropriator

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater used since about 1931

8. The depth of water table flowing spring

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 improved by installation of stockwater tank of 750 gallon capacity which the spring keeps full

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

11. The log of formations encountered in the drilling of each well if available no logs

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 hard water of good quality

KEYSTONE RANCHES, INC.

Signature of Owner By [signature]
President

Date December 11, 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.

12508

85415

FILED
at 8:30 o'clock A M.
DEC 23 1963
County Clerk
Deputy
Fee 2.00

G

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

33

File No.

T 10N R 54E

DUPLICATE

County Prairie

STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

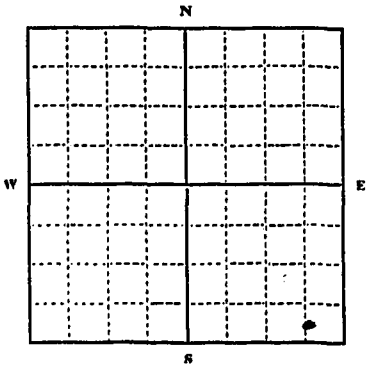
Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

I, Keystone Ranches, Inc, of Ismay
(Name of Appropriator) (Address) (Town)

County of Custer State of Montana

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



SE ¼ Sec. 33 T. 10 R. 54

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 domestic, irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1890, continuous to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) one gallon 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 irrigates a draw to SE on lands owned by appropriator

6. The means of withdrawing such water from the ground and the location of each well or other means of withdrawal natural flowing spring

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater 1890

8. The depth of water table flowing spring

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 flows into a natural rock, catch basin.

10. The estimated amount of groundwater withdrawn each year 500,000 gallons

11. The log of formations encountered in the drilling of each well if available no log

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 hard water of good quality.

Signature of Owner Keystone Ranches, Inc
W F Allmyr Pres

Date 20 Dec 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.

12503

85410

FILED
at 7:30 o'clock A M.
DEC 23 1963
County Clerk
Deputy
Fee 2.00 Pd

File No.....

DUPLICATE

T. 10N R. 54 East

County Prairie

36

Flowing well

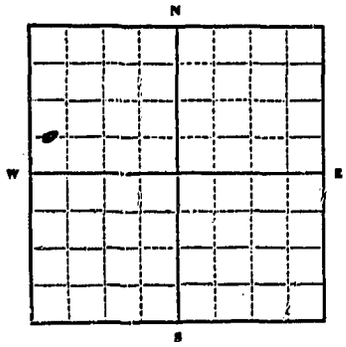
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED DEC 26 1963 STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Keystone Ranches, Inc., of Ismay
(Name of Appropriator) (Address) (Town)
County of Custer State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



NW ¼ Sec. 36 T. 10 R. 54

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, domestic, irrigation

3. Date or approximate date of earliest beneficial use; and how continuous the use has been about 1945, continuous to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 20 gallons per minute

5. If used for irrigation, give the acreage and description of the lands to which water has been applied and name of the owner thereof about three acres of land in a NW direction from location - lands owned by appropriator

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

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater about 1945

8. The depth of water table flowing artesian well

9. So far as it may be available, the type, size and depth of each well or the general specifications of any other works for the withdrawal of groundwater depth about 350, 2" casing to bottom cemented

10. The estimated amount of groundwater withdrawn each year ~~200,000~~ 1,000,000 gallons

11. The log of formations encountered in the drilling of each well if available none

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

KEYSTONE RANCHES, INC.

Signature of Owner By W. Fairbury
President

Date December 11, 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.

12511

85418

FILED
at 8:30 o'clock A M.
DEC 23 1963
County Clerk
Deputy
Fee 2.00 Pd.

36

File No.....

T. 10 E R. 54E

DUPLICATE

County Prairie

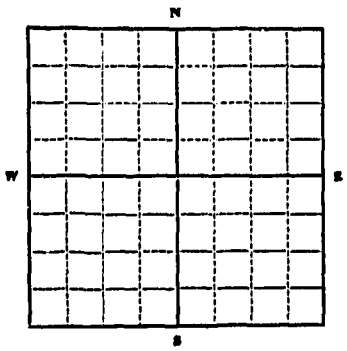
STATE OF MONTANA
ADMINISTRATOR OF GROUNDWATER CODE
OFFICE OF STATE ENGINEER

RECEIVED
DEC 26 1963
STATE ENGINEER

Declaration of Vested Groundwater Rights

(Under Chapter 237, Montana Session Laws, 1961)

1. Keystone Ranches, Inc. (Name of Appropriator), of Ismay (Address) (Town)
County of Custer State of Montana
have appropriated groundwater according to the Montana laws in effect prior to January 1, 1962, as follows:



.....¼..... Sec. 36 T. 10 R. 54

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, domestic

3. Date or approximate date of earliest beneficial use; and how continuous the use has been 1880, continuous to date

4. The amount of groundwater claimed (in miner's inches or gallons per minute) 5/10 gallon 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 flowing spring

7. The date of commencement and completion of the construction of the well, wells, or other works for withdrawal of groundwater an improved spring, improved in 1961 by excavation

8. The depth of water table flowing spring

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 spring flows into and keeps filled an artificial pond of about 10,000 gallon capacity

10. The estimated amount of groundwater withdrawn each year ~~26,000~~ 260,000 gallons

11. The log of formations encountered in the drilling of each well if available no log

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 hard water of good quality

KEYSTONE RANCHES, INC.

Signature of Owner By [signature]
President

Date 19 Dec 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.

12512

85419

FILED
at 8:30 o'clock A M.
DEC 23 1963
County Clerk
Deputy
Fee 2.00