#### MONTANA WELL LOG REPORT

This well log reports the activities of a licensed Montana well driller, serves as the official record of work done within the borehole and casing, and describes the amount of water encountered. This report was completed online by the driller. Acquiring water rights is the well owner's responsibility and is NOT accomplished by the filing of this report.

#### GWIC ld: 332471

# Section 7: Well Test Data

Total Depth: 380 Static Water Level: 155 Water Tiemperature:

#### Air Test \*

<u>42</u> gpm with drill stem set at <u>380</u> feet for <u>1</u> hours. Time of recovery <u>58</u> hours. Recovery water level <u>155</u> feet.

# Section 2: Location

Quarter Sections Township Range Section SE%NE%NE% 038 10E Geocode County PARK 49-0704-29-1-05-01-0000 Latitude Longitude Geomethod Datum WGS84 -110.50985 NA'V-GPS 45.552933

**Block** 

L.ot

\* During the well test the discharge rate shall be as uniform as possible. This rate may or may not be the sustainable yield of the well. Sustainable yield does not include the reservoir of the well casing.

# Section 8: Remarks

# Section 3: Proposed Use of Water

DOMESTIC (1)

Addition

Section 4: Type of Work Drilling Method: ROTARY

Section 5: Well Completion Date

Date well completed: Friday, July 26, 2024

# Section 6: Well Construction Details Weta Data Fields

- 1. Was borehole completed as a well? YES
- 2 Was well abandoned?

# Borehole dimensions

From	То	Diameter
0	380	7.8

Casing

			Wall	Pressure			
From	То	Diameter	Thickness	Rating	Joint	Туре	
-2	380	6.6	0.250		WELDED	A53B STEEL	
Compl	Completion /Perf/Screen						

Comp	completion (Perf/Screen)					
			#of	Size of		
From	То	Diameter	Openings	Openings	Description	
280	280	6	1	6"	OPEN BOTTOM	
300	344	6	575	1'' X.025	HOLTE PERFORATOR SLOTS	
365	375	6	135	1" X.025	HOLTE PERFORATOR SLOTS	

Annular Space (Seal/Grout/Packer)

			Cont.
From	То	Description	Fed?
0	25	CASING SEAL	Υ

# Section 9: Well I on

From	То	Description
0	3	TOPSOIL
3	9	BROWN SILTSAND
9	149	FINE SANDS, GRAVELS, & BOULDERS
149	152	BLACK SAND
152	179	RUSTY BROWN DECOMPOSED GRANIT
179	270	FRACTURED PINK QUARTZ W/ BLACK GRANIT LAYERS
270	334	FRACTURED BLACK GRANIT W/ 15 GPM WATER @ 320'
334	334 FRACTURED PINK QUARTZ W BLACK GRANIT LAY & 25 GPM WATER @ 340'	
344	365	SANDY BROWN CLAY W/ ORANGE GRANIT STRINGERS
365	380	BLACK FRACTURED GRANIT W/ 5 GPM WATER

#### **Driller Certification**

All work performed and reported in this well log is in compliance with the Montana well construction standards. This report is true to the best of my knowledge.

Name: TROY HAUSER
Company: RED TIGER DRILLING
Address: PO BOX 659

City: MANHATTAN MT 59741

License No: WWC-598
Date Certified: 8/6/2024

#### MONTANA WELL LOG REPORT

This well log reports the activities of a licensed Montana well driller, serves as the official record of work done within the borehole and casing, and describes the amount of water encountered. This report was completed online by the driller. Acquiring water rights is the well owner's responsibility and is NOT accomplished by the filing of this report.

GWIC Id: 332470

# Section 7: Well Test Data

Total Depth: 238 Static Water Level: 109 Water Temperature:

#### Air Test \*

100 gpm with drill stem set at 235 feet for 1 hours. Time of recovery 12 hours. Recovery water level 109 feet.

Section 2: Location

 Township
 Range
 Section
 Quarter Sections

 03S
 10E
 20
 NE%SE%SE%

 County
 Geocode

 PARK
 49-0704-20-4-01-05-0000
 Datu

 Latitude
 Longitude
 Geomethod
 Datu

LatitudeLongitudeGeomethodDatum45.55685-110.509783 NAV-GPSWGS84AdditionBlockLot

Section 3: Proposed Use of Water

DOMESTIC (1)

Section 4: Type of Work

Drilling Method:

Section 5: Well Completion Date

Date well completed: Wednesday, July 24, 2024

# Section 6: Well Construction Details Meta Data Fields

- 1. Was borehole completed as a well? YES
- 2. Was well abandoned?

# Borehole dimensions

From	То	Diameter
0	238	7.8

Casing

			Wall	Pressure		
From	То	Diameter	Thickness	Rating	Joint	Туре
-2	238	6.6	0.250		WELDED	A53B STEEL

Completion (Perf/Screen)

	То	Diameter	" T.	Size of Openings	Description
_	238	6	1	5.5	OPEN BOTTOM

Annular Space (Seal/Grout/Packer)

			Cont.
From	То	Description	Fed?
0	25	CASING SEAL	Υ

\* During the well test the discharge rate shall be as uniform as possible. This rate may or may not be the sustainable yield of the well. Sustainable yield does not include the reservoir of the well casing.

# Section 8: Remarks

# Section 9: Well Log

From	To	Description		
0	2	TOPSOIL		
2	2 74 FINE SANDS, GRAVELS & BOULDERS			
74	110	TAN & BROWN LIMESTONE W/ CLAY STREAKS		
110	145	OLIVE GREEN SHALE & CLAY		
145	200	BROWN & GRAY FRACTURED LIMESTONE W/ 15 GPM WA'TER @ 190'		
200	230	ILIMESTONE W/25 GPM WATER (a) 215		
230 238		FRACTURED HARD GRAY LIMESTONE W/ 100 GPM WATER		
	<u> </u>			

# **Driller Certification**

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Name: TROY HAUSER
Company: RED TIGER DRILLING
Address: PO BOX 659

City: MANHATTAN MT 59741

License No: WWC-598

Date Certified: 8/6/2024