

GENERAL INFORMATION

CUSTOMER	FORGE UTAH	WELL	
DATE	5/11/2023	REPORT NUMBER	12
RIG / TYPE	Frontier 16	LAST CASING	16" Surface csng
RKB ELEVATION	5447.65'	LAST CASING SHOE (FT MDRT)	4839' MD
SPUD DATE	4/26/2023	LAST SURVEY (MD/INC/AZI)	4742' MD/INC 2.12/AZI 121.07
MIDNIGHT DEPTH (FT MDRT)	4878'	COMPANY REPRESENTATIVES	Leroy Swearingen/Brian Gresham
PREVIOUS MIDNIGHT DEPTH (FT MDRT)	4878	MUD LOGGERS	R Barrett/Jack Breland
24 HRS PROGRESS (FT)	0'	SAMPLE CATCHERS	E Salinas/L Rodriguez
Current Hole Depth (FT)	4878'		

GENERAL MUD INFORMATION

MUD TYPE	WBM	ECD (PPG)	---
MW IN (PPG)	8.4	MUD PIT TEMPERATURE (deg C)	
MW OUT (PPG)	8.4	FLOW LINE TEMPERATURE (deg C)	

DRILLING PARAMETERS

PARAMETER	DEPTH	MAXIMUM	AVERAGE
ROP	4875'	10.3 ft/hr	3.2 ft/hr
WOB	4878'	20.6 klb	9.32 klb
SPP	4878'	430 psi	377 psi
FLOW IN	4870'	35.60%	34.70%

LITHOLOGY

FROM / TO DEPTH	Description
First Sample On Tour N/A	
12:00 Sample N/A	
Last Sample Before Report 4878' MD	GRANITE: TRANSL, CLDY, OFFWH, FELSIC, PHANERITIC, ANG-SBANG, TR BLKY, PRED HD-MOD HD, MOD-WL SRT, ABND QTRZ, ABND WH FELDSP, OCC CALC, TR HRNBLND, TR BIOTIE, TR CHLOR, TR FREE PYR.

DRILL EVENTS

LAST 24 HOURS OPERATION SUMMARY	TIH @ 2:55 AM ON 5/10/23. Ream from 4855' MD to 4878' MD, Pull bad blower motor from top drive, wait on new motor. Installed New blower motor. Preparing to Drilling ahead @ report time.
18:00 - 03.:30 OPERATION SUMMARY	Condition & circulate, TIH from 2490' MD to 4855' MD, fill pipe, ream from 4855' MD to 4878' MD, lost hole with particle shot, troubleshoot top drive, pull up into shoe, pull bad blower motor from top drive, wait on new motor. Installed New blower motor. Preparing to Drilling ahead @ report time.
NEXT 24 HOURS OPERATION	Drill ahead @ 4878' MD. Drill 500' (Particle Drilling), Circulate and condition hole. POOH