

GENERAL INFORMATION

CUSTOMER	FORGE UTAH	WELL
DATE	5/12//2023	REPORT NUMBER 22
RIG / TYPE	Frontier 16	LAST CASING 11.75" Intermediate 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)	4978' MD	COMPANY REPRESENTATIVES Leroy Swearingen/Brian Gresham
PREVIOUS MIDNIGHT DEPTH (FT MDRT)	4910' MD	MUD LOGGERS R Barrett/Jack Breland
24 HRS PROGRESS (FT)	68'	SAMPLE CATCHERS E Salinas/L Rodriguez
Current Hole Depth (FT)	4978' MD	

GENERAL MUD INFORMATION

MUD TYPE	WBM	ECD (PPG)	----
MW IN (PPG)	8.5	MUD PIT TEMPERATURE (deg C)	
MW OUT (PPG)	8.4	FLOW LINE TEMPERATURE (deg C)	

DRILLING PARAMETERS - while last drilling

PARAMETER	DEPTH	MAXIMUM	AVERAGE
ROP	4968'	49.6 ft/hr	32.0 ft/hr
WOB	4974'	26.7 klb	23.45 klb
SPP	4978'	3120 psi	2744.42 psi
FLOW IN	N/A	N/A	N/A

LITHOLOGY

FROM / TO DEPTH	Description
First Sample On Tour N/A	QUARTZ GRANITIOD: TRANSL, TRANSP, OFFWH, FELSIC, PHANERITIC - OCC APHANITIC, ANG-SBANG, ABND HRD BLCKY QTRZ, MOD PLAGCLSE, 5% HEM, TR CALC, HRNBLND, BIOTITE & YEL/GRN EPID.
12:00 Sample N/A	N/A
Last Sample Before Report 4910' MD	QUARTZ GRANITIOD: TRANSL, TRANSP, OFFWH, FELSIC, PHANERITIC - OCC APHANITIC, ANG-SBANG, ABND HRD BLCKY QTRZ, MOD PLAGCLSE, 5% HEM, TR CALC, HRNBLND, BIOTITE & YEL/GRN EPID.

DRILL EVENTS

LAST 24 HOURS OPERATION SUMMARY	Circulate sweep out of hole, safety ream to bottom, rotate from 4910' MD - 4978' MD, TOO, L/D roller reamer, break bit & sub, l/d additional roller reamers and black box, l/d collar, photos of roller reamers and black box.
06:00 - 16:00 OPERATION SUMMARY	R/U washdown tool, Safety Meeting, wash out stack & flow line for shot removal, R/D particle drilling equipment, drain pits, M/U bit sub & dumb iron, TIH.
NEXT 24 HOURS OPERATION	TIH to 4978' MD to drill with PDC.