

GENERAL INFORMATION

CUSTOMER	FORGE UTAH	WELL
DATE	5/11//2023	REPORT NUMBER 20
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)	4878' MD	COMPANY REPRESENTATIVES Leroy Swearingen/Brian Gresham
PREVIOUS MIDNIGHT DEPTH (FT MDRT)	4878' MD	MUD LOGGERS R Barrett/Jack Breland
24 HRS PROGRESS (FT)	0'	SAMPLE CATCHERS E Salinas/L Rodriguez
Current Hole Depth (FT)	4910' MD	

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 - while last drilling

PARAMETER	DEPTH	MAXIMUM	AVERAGE
ROP	4894'	73.1 ft/hr	32.0 ft/hr
WOB	4898'	31.2 klb	23.45 klb
SPP	4900'	3436 psi	2744.42 psi
FLOW IN	4897'	106.70%	67%

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	Wait on then install new blower motor, PJSM with particle drilling team, TIH to 4878' MD, Rotate from 4878' MD to 4910' MD, troubleshoot pressure loss.
06:00 - 16:00 OPERATION SUMMARY	TOOH to bit, L/D particle drilling bit, P/U & install new bit, TIH to 4823' MD.
NEXT 24 HOURS OPERATION	TIH to 4910' MD, resume particle drilling.