

GENERAL INFORMATION

CUSTOMER	FORGE UTAH	WELL	
DATE	5/12/2023	REPORT NUMBER	13
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)	4978'	COMPANY REPRESENTATIVES	Leroy Swearingen/Brian Gresham
PREVIOUS MIDNIGHT DEPTH (FT MDRT)	4910'	MUD LOGGERS	R Barrett/Jack Breland
24 HRS PROGRESS (FT)	100'	SAMPLE CATCHERS	E Salinas/L Rodriguez
Current Hole Depth (FT)	4978'		

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	4968'	49.6 ft/hr	29.4 ft/hr
WOB	4974'	26.7 klb	19.7 klb
SPP	4978'	3120 psi	23247 psi
FLOW IN	NA	NA	NA

LITHOLOGY

FROM / TO DEPTH	Description
First Sample On Tour 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.
12:00 Sample 4970' MD	GRANODIROTE: OFF WH, CLDY, GRY, BLK, DRGRY, FELSIC, PHANERITIC, F-MED, HD-MOD-HD, TR SM, COM DISSAG QRTZ & OCC FELDSP, TR BIOTITE, TR HRNBLEND, TR SFT, WH, KAOLIN
Last Sample Before Report 4978' MD	GRANODIROTE: OFF WH, CLDY, GRY, BLK, DRGRY, FELSIC, PHANERITIC, F-MED, HD-MOD-HD, TR SM, COM DISSAG QRTZ & OCC FELDSP, TR BIOTITE, TR HRNBLEND, TR SFT, WH, KAOLIN

DRILL EVENTS

LAST 24 HOURS OPERATION SUMMARY	TIH to 4910' MD, Resume particle @ 1900 hrs, drilled to 4978' and Lost Pressure. Circulate shot out of hole and buld sweeps to clean out hole. POOH @ 0130 hrs.
18:00 - 03.:30 OPERATION SUMARY	Resume particle @ 1900 hrs, drilled to 4978' and Lost Pressure. Circulate shot out of hole and buld sweeps to clean out hole. POOH @ 0130 hrs.
NEXT 24 HOURS OPERATION	POOH, Clean out Pits.