

GENERAL INFORMATION			
CUSTOMER		FORGE UTAH	WELL
DATE	5/19/2023		REPORT NUMBER 21
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)	6950'		COMPANY REPRESENTATIVES Leroy Swearingen/Brian Gresham
PREVIOUS MIDNIGHT DEPTH (FT MDRT)	6609'		MUD LOGGERS A.T. Kuhns/Jack Breland
24 HRS PROGRESS (FT)	341'		SAMPLE CATCHERS E Salinas/L Rodriguez
Current Hole Depth (FT)	6950' MD		
GENERAL MUD INFORMATION			
MUD TYPE	WBM		ECD (PPG) ----
MW IN (PPG)	8.3+		MUD PIT TEMPERATURE (deg C)
MW OUT (PPG)	8.3+		FLOW LINE TEMPERATURE (deg C)

DRILLING PARAMETERS			
PARAMETER	DEPTH	MAXIMUM	AVERAGE
ROP	6777'	331 ft/hr	59.1 ft/hr
WOB	6902'MD	63.45 lkb	59.97 lkb
SPP	6950'MD	1252 psi	11817 psi
FLOW IN	6808'md	13.48%	13.10%

LITHOLOGY	
FROM / TO DEPTH	Description
First Sample On Tour 6800'	GRANODIORITE: FELSC, PHANERITIC, ABNDT QTZ, CLR, FRSTD – TRANSL, F-MED GRN, ANG-SBANG, WH PLAG, SBANG, TR BIOTITE, TR HEMITITE, TR METAL SHARDS <1%
12:00 Sample 6930'	GRANODIROTE: FELSC. PHANERITIC, CLR, TRANSL, FRSTD, BLK IP, ANG-SBANG; TR SBRND, HD-MODHD, F-MED GRN, ABND QRTZ, FLDSPR: WH, OPQ, SUC TXT, VF-F GRN, SCAT BIOTITE MICA, TR HRBLND, TR CALC; 1% METAL SHARDS
Last Sample Before Report 6950'	GRANODIROTE: FELSC. PHANERITIC, CLR, TRANSL, FRSTD, F-MED GRN, ANG-SBANG, HD-MOD HD, ABND QTZ, CLR, TRNSL, CLDY, FLDSPR: WH, OPC, SBANG, SUC TXT, TR BIOTIE MICA, TR HRNBLNDE

DRILL EVENTS	
LAST 24 HOURS OPERATION SUMMARY	Waiting on Encoder. Drilling ahead @ 6777' MD @ 1830 hrs. Drilled to 6950' MD. Pumping HV Sweep. Circulating/Cleaning Hole. POOH
06:00 - 04:00 OPERATION SUMMARY	Waiting on Decoder. Drilling ahead @ 6777' MD @ 1830 hrs. Drilled to 6950' MD. Pumping HV Sweep. Circulating/Cleaning Hole. POOH
NEXT 24 HOURS OPERATION	Trip out of Hole. Wireline Logging