

GENERAL INFORMATION

CUSTOMER	FORGE UTAH	WELL
DATE	5/19/2023	REPORT NUMBER <b>21</b>
RIG / TYPE	Frontier 16	LAST CASING <b>16" Surface csng</b>
RKB ELEVATION	5447.65'	LAST CASING SHOE (FT MDRT) <b>4839' MD</b>
SPUD DATE	4/26/2023	LAST SURVEY (MD/INC/AZI) <b>4742' MD/INC 2.12/AZI 121.07</b>
MIDNIGHT DEPTH (FT MDRT)	6950'	COMPANY REPRESENTATIVES <b>Leroy Swearingen/Brian Gresham</b>
PREVIOUS MIDNIGHT DEPTH (FT MDRT)	6609'	MUD LOGGERS <b>A.T. Kuhns/Jack Breland</b>
24 HRS PROGRESS (FT)	341'	SAMPLE CATCHERS <b>E Salinas/L Rodriguez</b>
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, FLDSR: 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, FLDSR: 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