

GENERAL INFORMATION

CUSTOMER	FORGE UTAH	WELL
DATE	5/13//2023	REPORT NUMBER <b>23</b>
RIG / TYPE	Frontier 16	LAST CASING <b>11.75" Intermediate 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)	4978' MD	COMPANY REPRESENTATIVES <b>Leroy Swearingen/Brian Gresham</b>
PREVIOUS MIDNIGHT DEPTH (FT MDRT)	4910' MD	MUD LOGGERS <b>A.T. Kuhns/Jack Breland</b>
24 HRS PROGRESS (FT)	68'	SAMPLE CATCHERS <b>E Salinas/L Rodriguez</b>
Current Hole Depth (FT)	5269' 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	5086'	314.2 ft/hr	143 ft/hr
WOB	5063'	51.2 klb	51.8 klb
SPP	5212'	2480 psi	psi
FLOW IN	N/A	N/A	N/A

LITHOLOGY

FROM / TO DEPTH	Description
First Sample On Tour N/A	GRANODIORITE: TRANSL, TRANSP, OFFWH, FELSIC, PHANERITIC - OCC APHANITIC, ANG-SBANG, ABNT QTRZ, MOD PLAGCLSE, HRNBLND, BIOTITE..
12:00 Sample N/A	N/A. Ceased Drilling.
Last Sample Before Report 5269' MD	RHYOLITE: TRANSL, TRANSP, OFFWH, FELSIC, ANG-SBANG, ABNDT QTZ. MOD PLAGCLSE, HRNBLND, BIOTITE.

DRILL EVENTS

LAST 24 HOURS OPERATION SUMMARY	Circulate sweep out of hole, safety ream to bottom, rotate from 4910' MD - 4978' MD, TOOH, 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. TIH, drilling ahead at 07:02.Ceased drilling 5269'MD. TOOH
06:00 - 16:00 OPERATION SUMMARY	TIH. BOB at 07:02 drilling ahead. Ceased Drilling at 5269'MD, 11:17. TOOH for BHA
NEXT 24 HOURS OPERATION	Remediate drill string issues. TIH to drill ahead.