

GENERAL INFORMATION

CUSTOMER	FORGE UTAH	WELL
DATE	5/17/2023	REPORT NUMBER <b>20</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)	6545'	COMPANY REPRESENTATIVES <b>Leroy Swearingen/Brian Gresham</b>
PREVIOUS MIDNIGHT DEPTH (FT MDRT)	6142'	MUD LOGGERS <b>A.T. Kuhns/Jack Breland</b>
24 HRS PROGRESS (FT)	0'	SAMPLE CATCHERS <b>E Salinas/L Rodriguez</b>
Current Hole Depth (FT)	6609'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	6576	169.9ft/hr	104ft/hr
WOB	6603	63.8k	60.7
SPP	6596	1236psi	1094psi
	6609		
FLOW IN	<b>6609</b>	75.7	40.7

LITHOLOGY

FROM / TO DEPTH	Description
First Sample On Tour 6560'MD	Quartz Diorite: COM BIOTITE: EUHDRL - SBHDRL - SLI WEATHERING, WHT PLAG, ANG - SBANG, DISAGG HRNBLNDE, METAL SHARDS 5%
12:00 Sample first sample at 13:40	SAA
Last Sample Before Report 6590'MD.	RHYOLITE: GRY - LHT GRY, VFGRN QTZ, SB ANG-ANG,ELOG-SB ELOG, FRSTD-TRANSL, VIT TXT. WHT PLAG, SB ANG-ANG, BIOTITE IP. Metal shards < 5%

DRILL EVENTS

LAST 24 HOURS OPERATION SUMMARY	Drilled ahead to 6545'MD. Recovered particle drilling pellets, shards, grit size steel. Circulated hole to clean. POOH (BHA). TIH TO 10' PASSED SHOE. PUMP 2-49 BRLS OF WALNUT SWEEPS. TIH 10' BELOW SHOW, PUMPED 2-49BBL SWEEPS WITH HULLS TO 5700'MD'
06:00 - 03:30 OPERATION SUMMARY	Drill string pu to 6436'MD, running SCIENTIFIC GYROSCOPE to TD. Complete gyroscope run Rig Down Scientific. RIH to bottom. Kick off drilling 13:05 @ 6545'MD
NEXT 24 HOURS OPERATION	. Drill ahead w/Production Curve Assembly. Complete curve.