

GENERAL INFORMATION

CUSTOMER	FORGE UTAH	WELL
DATE	5/16/2023	REPORT NUMBER 18
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)	6142'	COMPANY REPRESENTATIVES Leroy Swearingen/Brian Gresham
PREVIOUS MIDNIGHT DEPTH (FT MDRT)	5797'	MUD LOGGERS A.T. Kuhns/Jack Breland
24 HRS PROGRESS (FT)	345'	SAMPLE CATCHERS E Salinas/L Rodriguez
Current Hole Depth (FT)	6545'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	6483'MD	70.2	40.2
WOB	6248'MD	61.8	32.5
SPP	6545'MD	1212	1160
FLOW IN			

LITHOLOGY

FROM / TO DEPTH	Description
First Sample On Tour 6430'MD	GRANODIROTE/RHYOLITE: CLR, TRANSL, CLDY, PRED VF-F GRN, ANG-SBANG, HD-MOD HD, ABND PLAG FLDSRP: WH CLDY, SBANG, SUC TXT, QTZ, CLR, TRNSL, TR BIOTITE, TR CHLORITE
12:00 Sample 6460'MD	GRANODIROTE: TRANSL, CLDY, OFFWH, -BLK, FELSC, PHANERITIC, PRED HD, MOD-WL SRT, ABND QTRZ, ABND WH LT, PNK, FELDSP, SCAT CALC, TR HRNBLND, TR BIOTITE. INVENTORY
Last Sample Before Report 6460'MD	GRANODIROTE: FELSC. PHANERITIC CLR, TRANSL, CLDY, F-MED GRN, ANG-SBANG, HD-MOD HD, ABND QTZ, CLR, TRNSL CLDY, PLAG FLDSRP: WH, SBANG, SUC TXT, TR BIOTITE, TR HRNBLNDE. INVENTORY

DRILL EVENTS

LAST 24 HOURS OPERATION SUMMARY	TIH w/new bit and BHA #6. Bit: NOV 9.5" TKC73 A1 7 Blade PDC / 7-15s SN A298330. Drilling Ahead @ 1840 hrs @ 5956' MD. Drilling ahead to 6545'MD. Recovered particle drilling pellets, shards, grit size steel. Circulated hole to clean.
06:00 - 04:00 OPERATION SUMMARY	PU to 4980'MD to circulate cedar fiber sweeps to clean hole. Run 4 sweeps and recovered processed steel entrained in the sweep material. Tracked sweep recovery and mag bar material. Submitted findings to DSM. POOH
NEXT 24 HOURS OPERATION	RIH with new bit and drill to build curve