

GENERAL INFORMATION

CUSTOMER	FORGE UTAH	WELL
DATE	6/8/2023	REPORT NUMBER 59
RIG / TYPE	Frontier 16	LAST CASING 11.75" Int csng
RKB ELEVATION	5447.65'	LAST CASING SHOE (FT MDRT) 4839' MD
SPUD DATE	4/26/2023	LAST SURVEY (MD/INC/AZI) 10165' MD/INC 65.97/AZI 103.61
MIDNIGHT DEPTH (FT MDRT)	10264' MD	COMPANY REPRESENTATIVES Leroy Swearingen/Brian Gresham
PREVIOUS MIDNIGHT DEPTH (FT MDRT)	10264' MD	MUD LOGGERS A.T. Kuhns/Jack Breland
24 HRS PROGRESS (FT)	10' FT	SAMPLE CATCHERS E Salinas/L Rodriguez
Current Hole Depth (FT)	10274' 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 (PREVIOUS DRILLING)

PARAMETER	DEPTH	MAXIMUM	AVERAGE
ROP	10272' MD	12.4 FT/HR	10.3 FT/HR
WOB	10273' MD	26.02k	25.8k
SPP	10273' MD	1024 psi	958 psi
FLOW IN	10273' MD	41.70%	41.20%

LITHOLOGY

FROM / TO DEPTH	Description
First Sample On Tour 10270' MD	GRANITOID: QTZ, ANG-SBANG, TRANSP VIT TXT, FRSTD IP: FLDSPR WH, OPQ IP, ANG-SBLKY, TRANSP, PNK IP, STRAITIONS IP, SUC - VIT TXT, VF GRN-MED GRN: COM BIOTITE, WEATHERING IP TR HORNBLNDE: 30% CLAY: LT TAN, NON-SWELLING, PRESENTS AS KAOLIN, MOD COHESIVE, NOT FULLY HYDRATED
12:00 Sample	SAA
Last Sample Before Report 10274' MD	GNEISS: QTZ, CLR, TRANSL, FRSTD, VF-FGRN, TR MED GRN, ANG-SBANG, HD-MOD HD, FLDSPR: WHT, TRANSL, OPQ, SBANG-SBBLKY, VIT LSTR, EA TXT IP: BIOTITE 30%, TR HRNBLNDE, TR CALCITE, TR CHLORITE

DRILL EVENTS

LAST 24 HOURS OPERATION SUMMARY	CORRED #6 FROM 10264' TO 10271'. POOH, L/D CORE TOOLS, MARKDED, CUT AND SECURED CORE #6. TIH W/CLEAN OUT ASSEMBLY, TRIPPED TO 4830' MD AND CUT/SLIP DRILL LINE (110'), TRIPPED TO 10721' MD, DRILLED AHEAD TO 10274' MD. CIR/COND, POOH.
06:00 - 04:00 OPERATION SUMMARY	MARKDED, CUT AND SECURED CORE #6. TIH W/CLEAN OUT ASSEMBLY, TRIPPED TO 4830' MD AND CUT/SLIP DRILL LINE (110'), TRIPPED TO 10721' MD, DRILLED AHEAD TO 10274' MD. CIR/COND, POOH.
CUT OFF FOR REPORT @ 0330HRS	
NEXT 24 HOURS OPERATION	CORE DRILLING #7