EXLOG
EXCELLENCE LOGGING

WELL 16B(78)-32
DAILY MORNING REPORT

THE UNIVERSITY OF UTAH

GENERAL INFORMATION

CUSTOMER — FORGE UTAH

DATE	6/17/2023
RIG / TYPE	Frontier 16
RKB ELEVATION	5447.65'
SPUD DATE	4/26/2023
MIDNIGHT DEPTH (FT MDRT)	10493' MD
PREVIOUS MIDNIGHT DEPTH (FT MDRT)	10462' MD
24 HRS PROGRESS (FT)	10' FT
Current Hole Depth (FT)	10947' MD

WELL

REPORT NUMBER	74
LAST CASING	11.75" Int csng
LAST CASING SHOE (FT MDRT)	4839' MD
LAST SURVEY (MD/INC/AZI))	10165' MD/INC 65.97/AZI 103.61
COMPANY REPRESENTATIVES	Leroy Swearingen/Brian Gresham
MUD LOGGERS	A.T. Kuhns/Jack Breland
SAMPLE CATCHERS	E Salinas/L Rodgiguez

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	10790' MD	452.6 FT/HR	273 FT/HR
WOB	10806' MD	65.7	55.7
SPP	10591' MD	2862	2269
FLOW IN	10882' MD	42.20%	33.60%

LITHOLOGY

FROM / TO DEPTH	Description
First Sample On Tour 10510' MD	GNEISS: QTZ, CLR, TRANSL, FRSTD, PRED F-MED GRN, ANG-SBANG, HD-MOD HD, FLDSPR: WH, OPQ, TRANSP, ALTERED IP SBANG-SBBLKY, SUC TXT, BIOTITE, BIOTITE WITH ALTERED SURFACES, MAGNETITE, TR HRNBLNDE, CHLORITE IP, EPIDOTE IP, TAN – LT BRN CLAY.
12:00 Sample 10690' MD	GNEISS: QTZ, CLR, TRANSL, FRSTD, PRED F-MED GRN, ANG-SBANG, HD-MOD HD, FLDSPR: WH, OPQ, TRANSP, ALTERED IP SBANG-SBBLKY, SUC TXT, BIOTITE, BIOTITE WITH ALTERED SURFACES, TR HRNBLNDE, TR MAGNETITE, CHLORITE IP, TR EPIDOTE.
Last Sample Before Report 10947'MD	GNEISS: QTZ, CLR, TRANSL, FRSTD, PRED F-MED GRN, ANG-SBANG, HD-MOD HD, FLDSPR: WH, OPQ, TRANSP, ALTERED IP SBANG-SBBLKY, SUC TXT, BIOTITE, BIOTITE WITH ALTERED SURFACES, CHORITE IP, TR HRNBLNDE, EPIDOTE IP, TR CALCITE

DRILL EVENTS

LAST 24 HOURS OPERATION SUMMARY	CORE DRILLING OPERATIONS: PULLED CORE ASSEMBLY OUT OF HOLE @ 2310 HRS @ 10493' MD. MARKED, CUT, PHOTO'S CORE. TIH W/CLEANOUT ASSEMBLY. DRILLED 10' OF FORMATION. P00H. TIH TO DRILL
06:00 - 04:00 OPERATION SUMMARY CUT OFF FOR REPORT @ 0330HRS	0905 HRS BOB: 10503' MD DRILLING AHEAD. TD @ 10947' MD: 1346 HRS
NEXT 24 HOURS OPERATION	PREPARE FOR OH LOGGING