



Daily Drilling Report

Well ID: FORGE 16B(78)-32

Field: FORGE

University of Utah

Well Name: FORGE 16B(78)-32

Sect: 32 Town: 26S Rng: 9W County: BEAVER State: UT

Report No: 47 Report For 06:00 AM 02-Jun-23

Operator:	UNIVERSITY OF UTAH	Rig:	Frontier 16	Spud Date:	26-Apr-23	Daily Cost / Mud (\$):	---
Measured Depth (ft):	9845	Last Casing:	11.750 at 4,837	Wellbore:	Original Wellbore	AFE No.	AFE (\$) Actual (\$)
Vertical Depth (ft):	7670	Next Casing:	7.000 at 10,159	RKB Elevation (ft):	31	---	---
Proposed TD (ft):	10658	Last BOP Test:	27-May-23	Job Reference RKB (ft):	---	---	---
Hole Made (ft) / Hrs:	22 / 0.0	Next BOP Test:	19-Jun-23	Working Interest:		Totals:	---
Average ROP (ft/hr):						Well Cost (\$):	---
Days (actual / plan):	Drilling 5.68 / 22,	Flat 0 / 0,	Complete 0 / 52,	Total 5.68 / 74		DOL:	47
Pers/Hrs:	Operator: 3 / 36	Contractor:	14 / 168	Service:	6 / 72	Other:	4 / 48
						Total:	27 / 324

Safety Summary: No incidents or events reported. 47 days since LTI. Conducted Safety Meeting.

Current Operations: Cutting 8-3/4" core at 9,845'.

Planned Operations: Core from 9,845' to 9,853'. Pull out of the hole.

Toolpusher: Steve King, Jason Postma

Wellsite Supervisors: Leroy Swearingen, Randy Baldwin

Tel No.:

Operations Summary

From	To	Elapsed	End MD(ft)	Code	Operations Description	Non-Prod
6:00	7:30	1.50	9,823	BHAOP	Pick up coring assembly #4, BHA #25.	
7:30	8:00	0.50	9,823	SERV	Change out dies on ST-80	X
8:00	18:00	10.00	9,823	TRPI	Trip in hole from 76' to 9,814'. SLM while tripping in. Strap OK. 0.58' difference from Pason tally. Lay down 4 bad joint of drill pipe. Pick up new joints. Fill pipe at 3,843'. Stage in hole from 6.000' to core point to cool tools.	
18:00	19:00	1.00	9,823	REAM	Safety ream from 9,814' to 9,823'. Tag bottom.	
19:00	21:30	2.50	9,823	CIRC	Circulate bottoms up. Drop ball and pump down.	
21:30	6:00	8.50	9,833	CORE	Cut 8-3/4" core from 9,823' to 9,845'. ROP 2-3', WOB 7K, RPM 30, TORQ 22K, GPM 300, PSI 300	

Management Summary

Picked up coring assembly #4, BHA #25. Tripped in hole from 76' to 9,814'. SLM while tripping in. Laid down 4 joints of drill pipe with worn hardband. Picked up new joints. Filled pipe at 3,843'. Staged in hole from 6.000' to core point to cool tools. Safety reamed from 9,814' to 9,823'. Tagged bottom. Circulated bottoms up. Dropped ball and pumped down. Cut 8-3/4" core from 9,823' to 9,845'.

Comments

Fuel on hand 16242 gals.
Fuel used 1077 gals.
Total NPT to date 96.25 HR.
No H2S today.

Casing/Tubular Information

Type	Size (ins)	Top MD (ft)	Top TVD (ft)	Bottom MD (ft)	Bottom TVD (ft)	Hole Section	OH Diam. (ins)	Nom. Wgt. (lbs)	Nominal Grade	LOT (lbs/gal)
FULL	16.000	4		1,136	1,135	SURF	22.000	84	OTHER	
FULL	11.750	-3	3	4,837	4,837	INT1	14.750	65	OTHER	

Mud Information

%														Gels			Temp		Mud	
Dens.	Vis	PV	YP	Filt.	Cake	pH/ES	Solids	Oil	Water	Sand	LGS	Cl	Ca	CaCl	10s	10m	30m	In	Out	Loss
01-Jun-23 14:00 at Depth 9,823 ft Mud Pits, Type: Low Solids Non-Dispersed																				
8.40	27			100	0.2	9.2	0.5	0.15	99.35			500	80					74	89	0

Mud Consumables

Item Description	Qty.	Cost	Item Description	Qty.	Cost
Caustic Soda - 50#SK	1	---	Engineering - OTHER	2	---
HIB 19 - GALS	4	---	Lodging - OTHER	2	---
Poly Vis - 50#SK	1	---	TORKease L - GALS	12	---
Trucking - OTHER	1	---			



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Bit/BHA/Workstring Information

No	Run	Make	Model	Diam	Depth		This Run			R.O.P.		Mud		Pump		J. Vel	P. Drp	HHP	JIF
					In	Dist	Hrs	Avg	Max	WOB	RPM	Torque	Wt	Flow	Press				
22	1	CANAMER	CCI-713	8.750	9823	22	8.5	2.6	3.2	7	35	22	8	300	290	92	63	11	119

Jets: 14 14 14 14 14 14 14 0 Out: Grade: Cutter: / Dull: / Wear: Brgs: Gge: Pull:

BHA - No. 25 - BIT, NBS, CORE, STAB, CORE, STAB, CORE, STAB, OTHER, JAR, XO, 30 HWDP = 992.84

Drilling Parameters

Depth (ft)		ROP (ft/hr)		WOB (lbs)		RPM		Torque (ft lbs)		Flow (gals/min)		Pressure (psi)
From	To	Avg	Max	Avg	Max	Avg	Max	Avg	Max	Avg	Max	
9,823	9,845	2.4	3.2	7	8	30	35	21	26	300	300	300

Annular Velocity: Drill Collars: 158.8 Drill Pipe: 158.8

Miscellaneous Drilling Parameters

Hook Loads (lbs):	Off Bottom Rotate:	Pick Up:	Slack Off:	Drag Avg/Max:	/
Hours on BHA:	Since Inspection: 82.75	Total: 82.75	Jars: 22.25		
Hours on Casing/Liner:	Rotating: 87.25 / 0	Tripping: 100.25 / 0	<input type="checkbox"/> Wear Bushing Installed		

Rig Information

Equipment Problems:
Location Condition:
Transport:

Solids Control Information

Screen Sizes:	Top	Middle 1	Middle 2	Bottom	Equipment Usage (Hrs):		
Shaker No 1:	170	170	200	170	Desander: 0	Desilter: 0	Degasser: 0
Shaker No 2:	170	170	200	170	Centrifuge 1: 24 (Solids Removal)		Centrifuge 2: 24 (Solids Removal)
Shaker No 3:	170	170	200	170			

Drill Pipe Inventory

DP Size	Joints	Weight	Grade	Thread	DP Size	Joints	Weight	Grade	Thread
5.5"	365	24.7	S-135	5.5FH	5.5	30	71.0	S-135	5.5FH
5.5	20	54.0	S-135	5.5FH					

Safety Information

Meetings/Drills	Time	Description
Safety	30	Two Pre-tour safety meetings held daily with crews.
First Aid Treatments:	0	Medical Treatments: 0 Lost Time Incidents: 0 Days Since LTI: 47
<input type="checkbox"/> BOP Test	<input type="checkbox"/> Crownamatic Check	

Weather Information

Sky Condition: Partly Cloudy	Visibility: 10
Air Temperature: 74 degF	Bar. Pressure: 1004
Wind Speed/Dir: 9 / S	Wind Gusts: