



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: 55 Report For 06:00 AM 10-Jun-23

Operator:	UNIVERSITY OF UTAH	Rig:	Frontier 16	Spud Date:	26-Apr-23	Daily Cost / Mud (\$):	---
Measured Depth (ft):	10275	Last Casing:	11.750 at 4,837	Wellbore:	Original Wellbore	AFE No.	AFE (\$) Actual (\$)
Vertical Depth (ft):	8103	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:	1 / 0.0	Next BOP Test:	19-Jun-23	Working Interest:		Totals:	---
Average ROP (ft/hr):						Well Cost (\$):	---

Days (actual / plan): Drilling 5.95 / 22, Flat 0 / 0, Complete 0 / 52, Total 5.95 / 74 DOL: 55

Pers/Hrs: Operator: 3 / 36 Contractor: 16 / 168 Service: 6 / 72 Other: 4 / 48 Total: 29 / 324

Safety Summary: No incidents or events reported. 55 days since LTI. Conducted Safety Meeting.

Current Operations: Coring 8-3/4" hole at 10,275'.

Planned Operations: Core 8-3/4" hole to 10,304'. Trip 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	16:30	10.50	10,274	REPR	Wait on Dynamatic from Vernal, UT. Service and inspect drawworks.	X
16:30	21:30	5.00	10,274	REPR	Change out Dynamatic with Frontier Drilling and R.W. Jones Trucking crane.	X
21:30	3:15	5.75	10,274	TRPI	Trip in the hole with 8-3/4" coring assembly from 4,808' to 8,989'. Cool tools every 5 stands. Wash down from 8.989' to 10,230'. Safety ream from 10,230' to 10,274'. Tag bottom. Pick up 10' and tag bottom again.	
3:15	5:00	1.75	10,274	CIRC	Circulate bottoms up. Drop ball and pump down.	
5:00	6:00	1.00	10,274	CORE	Core 8-3/4" hole from 10,274' to 10,275'.	

Management Summary

Waited on Dynamatic. Changed out Dynamatic. Tripped in the hole with 8-3/4" coring assembly from 4,808' to 8,989'. Cooled tools every 5 stands. Washed down from 8.989' to 10,230'. Safety reamed from 10,230' to 10,274'. Tagged bottom. Circulated bottoms up. Dropped ball and pumped down.

Comments

Fuel on hand 13709 gals.
Fuel used 670 gals.
Total NPT to date 120.25 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
10-Jun-23 02:00 at Depth 10,274 ft Mud Pits, Type: Low Solids Non-Dispersed																				
8.40	27					9.1	0.6		99.35			550								
09-Jun-23 11:30 Mud Pits, Type: Low Solids Non-Dispersed																				
8.40	27					9.4	0.6		99.35			550								

Mud Consumables

Item Description	Qty.	Cost	Item Description	Qty.	Cost
Caustic Soda - 50#SK	2	---	Engineering - OTHER	2	---
HIB 19 - GALS	4	---	Lodging - OTHER	1	---



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

Report No: 55

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Bit/BHA/Workstring Information

No	Run	Make	Model	Diam	Depth		This Run		R.O.P.		Mud Pump									
					In	Dist	Hrs	Avg	Max	WOB	RPM	Torque	Wt	Flow	Press	J. Vel	P. Drp	HHP	JIF	
28	1	CANAMER	CCI-713	8.750	10274	1	1	1.0	1.5	3	22	25	8	400	458	122	112	26	212	

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

Comments: Core bit CCI-713, BHA

BHA - No. 32 - BIT, NBS, CORE, STAB, CORE, STAB, OTHER, JAR, XO, 30 HWDP = 992.79

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	Avg	Max
10,274	10,275	1.0	1.0	3	5	20	25	25	26	400	400	458	

Annular Velocity: Drill Collars: 355.7 Drill Pipe: 211.7

Comments: Coring

Miscellaneous Drilling Parameters

Hook Loads (lbs):	Off Bottom Rotate:	255	Pick Up:	450	Slack Off:	248	Drag Avg/Max:	/ 195
Hours on BHA:	Since Inspection:	108	Total:	108	Jars:			
Hours on Casing/Liner:	Rotating:	112.5 / 1	Tripping:	178.75 / 12	<input type="checkbox"/> Wear Bushing Installed			

Rig Information

Equipment Problems: Waiting on replacement Dynamatic from Vernal, UT.

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:	12 (Solids Removal)		Centrifuge 2:	12 (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 crew						
First Aid Treatments:	0	Medical Treatments:	0	Lost Time Incidents:	0	Days Since LTI:	55	
<input type="checkbox"/> BOP Test		<input type="checkbox"/> Crownamatic Check						

Weather Information

Sky Condition:	Mostly Clear	Visibility:	10
Air Temperature:	75 degF	Bar. Pressure:	1010
Wind Speed/Dir:	5 / SSW	Wind Gusts:	8