

**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: 54

Report For 06:00 AM 09-Jun-23

Operator:	UNIVERSITY OF UTAH	Rig:	Frontier 16	Spud Date:	26-Apr-23	Daily Cost / Mud (\$):	---
Measured Depth (ft):	10274	Last Casing:	11.750 at 4,837	Wellbore:	Original Wellbore	AFE No.	AFE (\$) Actual (\$)
Vertical Depth (ft):	8102	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:	0 / 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: 54
Pers/Hrs:	Operator: 3 / 36	Contractor:	14 / 168	Service:	4 / 48	Other:	4 / 48 Total: 25 / 300
Safety Summary: No incidents or events reported. 54 days since LTI. Conducted Safety Meeting.							
Current Operations: Waiting on dynamatic from Vernal.							
Planned Operations: Replace dynamatic. Trip in the hole from 4,808' to bottom with 8-3/4" coring assembly. Core from 10,274' to 10,304'.							
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	9:30	3.50	10,274	TRPO	Trip out of the hole from 5,074' with BHA #31, cleanout run for coring. Break off bit and bit sub.	
9:30	11:00	1.50	10,274	CORE	Make up core assembly BHA #32.	
11:00	13:30	2.50	10,274	TRPI	Trip in the hole to 2,799' and fill pipe, trip in the hole to 4,985' and install rotating head.	
13:30	14:00	0.50	10,274	SERV	Service rig and top drive.	
14:00	14:30	0.50	10,274	TRPI	Trip in the hole to 5,534'.	
14:30	16:00	1.50	10,274	REPR	Bearing housing on dynamatic split apart. Wait on Frontier Drilling decision on how to proceed.	X
16:00	17:00	1.00	10,274	TRPO	Trip out of the hole to 4,808'. Inside the shoe.	
17:00	6:00	13.00	10,274	REPR	Waiting on dynamatic from Vernal. Rig down and prep dynamatic for removal. Rig down gas buster. Clean rig. Unload separator for flow testing.	X

Management Summary

Tripped out of the hole from 5,074' with BHA #31. Laid down bit and bit sub. Made up core assembly BHA #32. Tripped in the hole to 2,799' and filled pipe. Tripped in the hole to 5,534'. Bearing housing on dynamatic split apart. Tripped out of the hole to 4,808'. Waited on dynamatic from Vernal.

Comments

Fuel on hand 14690 gals.
Fuel used 1006 gals.
Total NPT to date 106.75 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	
09-Jun-23 02:00 at Depth 10,270 ft Mud Pits, Type: Low Solids Non-Dispersed																					
8.40	27					9.1	0.65		99.3			550									
08-Jun-23 14:00 Mud Pits, Type: Low Solids Non-Dispersed																					
8.40	27					9	0.65		99.3			550									

Mud Consumables

Item Description	Qty.	Cost	Item Description	Qty.	Cost
Engineering - OTHER	2	---	HIB 19 - GALS	2	---
Lodging - OTHER	1	---	Poly Vis - 50#SK	2	---



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Bit/BHA/Workstring Information

No	Run	Make	Model	Diam	Depth In	This Run		R.O.P.		WOB	RPM	Torque	Wt	Mud		Pump		J. Vel	P. Drp	HHP	JIF
						Dist	Hrs	Avg	Max					Flow	Press						
26	2	SANJOAQ	EP4900	8.750	10271	2	0.5	0.0	0.0	30	85	16	0	0	0						
Jets: 24 24 24					Out: 10274	Grade: Cutter: 1 / 1		Dull: NO / NO		Wear:		Brgs: 1	Gge: 0	Pull: TD							
28	1	CANAMER	CCI-713	8.750	10274	0	0	0.0	0.0	0	0	0	8	270	100	82	51	8	97		
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

Miscellaneous Drilling Parameters

Hook Loads (lbs):		Off Bottom Rotate:		Pick Up:		Slack Off:		Drag Avg/Max:		/	
Hours on BHA:		Since Inspection:		107		Total:		107		Jars:	
Hours on Casing/Liner:		Rotating:		111.5 / 1		Tripping:		172.75 / 12		<input type="checkbox"/> Wear Bushing Installed	

Rig Information

Equipment Problems: Bearing housing on Dynamatic is cracked. Bearing is making noise.

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
Shaker No 2:		170	170	200	170	Centrifuge 1: 12 (Solids Removal)	
Shaker No 3:		170	170	200	170	Centrifuge 2: 12 (Solids Removal)	

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: 54
<input type="checkbox"/> BOP Test	<input type="checkbox"/> Crownamatic Check	

Weather Information

Sky Condition: Partly Cloudy	Visibility: 10
Air Temperature: 77 degF	Bar. Pressure: 1008
Wind Speed/Dir: 15 / SSW	Wind Gusts: 20