

**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: 19

Report For 06:00 AM 05-May-23

Operator:	UNIVERSITY OF UTAH	Rig:	Frontier 16	Spud Date:	26-Apr-23	Daily Cost / Mud (\$):	---
Measured Depth (ft):	4845	Last Casing:	11.750 at 4,837	Wellbore:	Original Wellbore	AFE No.	AFE (\$) Actual (\$)
Vertical Depth (ft):	4844	Next Casing:		RKB Elevation (ft):	31	---	---
Proposed TD (ft):		Last BOP Test:	29-Apr-23	Job Reference RKB (ft):		---	---
Hole Made (ft) / Hrs:	0 / 0.0	Next BOP Test:	20-May-23	Working Interest:		Totals:	---
Average ROP (ft/hr):						Well Cost (\$):	---
Days (actual / plan):	Drilling 1.74 / 0, Flat 0 / 0, Complete 0 / 0, Total 1.74 / 0					DOL:	19
Pers/Hrs:	Operator: 3 / 36 Contractor: 14 / 128 Service: 5 / 60 Other: 3 / 36 Total: 25 / 260						
Safety Summary: No incidents or events reported. 19 days since LTI. Conducted Safety Meeting.							
Current Operations: Test pack-off.							
Planned Operations: Nipple up 13-5/8" 3M BOPE.							
Toolpusher: Shawn Seddell, 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	8:30	2.50	4,845	WOC	Wait on cement. Finish changing mud pump liners to 5-1/2".	
8:30	9:00	0.50	4,845	CMTS	PJSM. Mix and pump Top Job #1. Flush lines with cement. Rig up to annulus. Pump 36 bbls of 14.0 ppg surface tail cement with 2% Calcium Chloride. Approx 413 linear feet. No returns.	
9:00	20:30	11.50	4,845	WOC	Wait on additional cement from Bakersfield. Work with welder on next BOP stack. Work on generators.	
20:30	23:15	2.75	4,845	BOPO	Slack off 11-3/4" casing. No movement. Rig down choke and kill lines. Rig down turnbuckles. Rig up bridge lines and lift BOP stacked approx 24". Install casing slips. Remove mousehole and catwalk.	
23:15	0:15	1.00	4,845	CMTS	PJSM. Mix and pump Top Job #2. Flush lines with cement. Rig up to annulus. Pump 13 bbls of 15.8 ppg tail cement with 2% Calcium Chloride. Approx 153 linear feet. Cement to surface. Cement not falling. Top job #1 and #2 combined for approx 566 ft.	
0:15	6:00	5.75	4,845	BOPO	Make rough cut on 11-3/4" casing and remove same. Set out 21-1/4" riser, annular, doublegate and mudcross. Make final cut on casing. Install pack-off and flange.	

Management Summary

Waited on cement before pumping top job. Pumped Top Job #1: Flushed lines with cement. Rigged up to annulus. Pumped 36 bbls of 14.0 ppg surface tail cement with 2% Calcium Chloride. Approx 413 linear feet. No returns. Waited on additional cement from Bakersfield. Slacked off 11-3/4" casing. No movement. Rigged down turnbuckles, choke and kill lines. Rigged up bridge lines and lifted BOP stacked approx 24". Installed casing slips. Removed mousehole and catwalk. Pumped Top Job #2: Flushed lines with cement. Rigged up to annulus. Pumped 13 bbls of 15.8 ppg tail cement with 2% Calcium Chloride. Approx 153 linear feet. Cement to surface. Made rough cut on 11-3/4" casing and removed same. Set out 21-1/4" riser, annular, doublegate and mudcross. Made final cut on casing. Installed pack-off and flange.

Comments

Fuel on hand 19866 gals.
 Fuel used 400 gals.
 Total NPT to date 12.25 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	
04-May-23 15:00 at Depth 4,845 ft Mud Pits, Type: Low Solids Non-Dispersed																					
	27								100									70			

Mud Consumables

Item Description	Qty.	Cost	Item Description	Qty.	Cost
Engineering - OTHER	1	---			



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Miscellaneous Drilling Parameters

Hook Loads (lbs):	Off Bottom Rotate:	Pick Up:	Slack Off:	Drag Avg/Max:	/
Hours on BHA:	Since Inspection:	0	Total:	0	Jars:
Hours on Casing/Liner:	Rotating:	0 / 0	Tripping:	/	<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:	120	120	120	120	
Shaker No 2:	120	120	120	120	Centrifuge 1: 3 (Solids Removal)
Shaker No 3:	120	120	120	120	

Drill Pipe Inventory

DP Size	Joints	Weight	Grade	Thread	DP Size	Joints	Weight	Grade	Thread
5.5	365	24.7	S-135	OTHER					

Safety Information

Meetings/Drills	Time	Description
Safety	60	Two Pre-tour safety meetings held daily with crews. Two PJSM for Cementing procedures.
First Aid Treatments:	Medical Treatments:	Lost Time Incidents:
<input type="checkbox"/> BOP Test	<input type="checkbox"/> Crownamatic Check	Days Since LTI: 19

Weather Information

Sky Condition:	Light rain	Visibility:	3
Air Temperature:	49 degF	Bar. Pressure:	
Wind Speed/Dir:	27 / SSW	Wind Gusts:	35