



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: 21 **Report For 06:00 AM 07-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: 21
Pers/Hrs: Operator: 3 / 36	Contractor: 14 / 128	Service: 6 / 72	Other: 3 / 36 Total: 26 / 272

Safety Summary: No incidents or events reported. 21 days since LTI. Conducted Safety Meeting.

Current Operations: Finish BOPE testing, blinds, kill valves, TIW valve.

Planned Operations: Run in hole with 9.5 RC bit and BHA. Drill out shoe track and 10' of new hole. Perform FIT test. Drop Gyro. Trip out of hole. Run wireline Isolation Scanner.

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	18:00	12.00	4,845	REPR	Work on catwalk, assist with Particle Drilling Technologies rig up, unload 90 jts of insulated drill pipe.	X
18:00	0:15	6.25	4,845	REPR	Pick up and make up 21 joints of 6-3/4" drill collars. Stand back in derrick. Make up and ran in hole with test plug.	X
0:15	1:00	0.75	4,845	REPR	New lock down pin arrive. Install same.	X
1:00	6:00	5.00	4,845	BOPT	PJSM. Rig up testers. Make up TIW valve. Fill stack with water. Close pipe rams. Attempt to test pipe rams. Rams leaking. Pipe rams closing partially on x-over tool joint. Change out to shorter x-over. Test pipe rams 250 psi low, 5000 psi high, Test annular 250 psi low, 2,500 psi high. Test inner valves on mud cross 250 psi low, 5000 psi high. Test witnessed by DSM. Note: all choke valves on manifold were tested to 250 psi low and 5000 psi high on Report #20.	

Management Summary

Worked on catwalk. Assisted with Particle Drilling Technologies rigging up. Unloaded 90 jts of insulated drill pipe. Picked up and made up 21 joints of 6-3/4" drill collars and tood back in derrick. Made up and ran in hole with test plug. New lock down pin arrived. Installed same. Rigged up testers. Made up TIW valve. Filled stack with water. Closed pipe rams. Tested pipe rams 250 psi low, 5000 psi high, Tested annular 250 psi low, 2,500 psi high. Tested inner valves on mud cross 250 psi low, 5000 psi high. Test witnessed by DSM. Note: All choke valves on manifold were tested to 250 psi low and 5000 psi high on Report #20.

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
06-May-23 15:00 at Depth 4,845 ft Mud Pits, Type: Low Solids Non-Dispersed																				
8.35	27	2	1	100					100			300								

Mud Consumables

Item Description	Qty.	Cost	Item Description	Qty.	Cost
DC-310/CI-100 - SACK	30	---	Engineering - OTHER	1	---

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:



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Solids Control Information

Screen Sizes: Top Middle 1 Middle 2 Bottom

Shaker No 1:	120	120	120	120
Shaker No 2:	120	120	120	120
Shaker No 3:	170	170	170	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					

Safety Information

Meetings/Drills Time Description

Safety 45 Two Pre-tour safety meetings held daily with crews. BOPE testing procedures.

First Aid Treatments: Medical Treatments: Lost Time Incidents: Days Since LTI: 21

BOP Test Crownamatic Check

Weather Information

Sky Condition: Mostly cloudy	Visibility: 5
Air Temperature: 40 degF	Bar. Pressure:
Wind Speed/Dir: 5 / SSW	Wind Gusts: 10