

**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: 94

Report For 06:00 AM 19-Jul-23

Operator:	UNIVERSITY OF UTAH	Rig:	Frontier 16	Spud Date:	26-Apr-23	Daily Cost / Mud (\$):	---
Measured Depth (ft):	10947	Last Casing:	7.000 at 10,208	Wellbore:	Original Wellbore	AFE No.	AFE (\$) Actual (\$)
Vertical Depth (ft):	8357	Next Casing:		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:	26-Jun-23	Working Interest:		Totals:	---
Average ROP (ft/hr):						Well Cost (\$):	---
Days (actual / plan):	Drilling 6.18 / 22, Flat 0 / 0, Complete 0 / 52, Total 6.18 / 74						DOL: 94
Pers/Hrs:	Operator: 2 / 0 Contractor: 14 / 0 Service: 3 / 0 Other: 5 / 0					Total:	24 / 0
Safety Summary: No incidents or events reported. 94 days since LTI. Conducted Safety Meeting.							
Current Operations: Monitoring wells 16A and 16B.							
Planned Operations: Perform final Circulation Test including PLT logs on 16A.							
Toolpusher: Shawn Seddell, Clay Nielson							
Wellsite Supervisors: Leroy Swearingen, Randy Baldwin						Tel No.:	

Operations Summary

From	To	Elapsed	End MD(ft)	Code	Operations Description	Non-Prod
6:00	11:00	5.00	10,947	PUMP	Rig up 16A well for circulation test #2. Rig up SLB. Fill hole and all lines to separator. Close blind rams. HSM with all personnel. Pressure test SLB lines to 5,000 psi.	
11:00	21:50	10.83	10,947	PUMP	Perform circulation test #2 pumping down well 16A and recording pressure, temperature and flow on well 16B. Pumped 2.5 bpm for 60 minutes holding 200 psi on 16B for 15 minutes, then decreased pressure to 100 psi for 15 minutes, then opened well up holding 0 psi for 30 minutes. Increased rate on 16A to 5bpm and held 200 psi on 16B for 15 minutes, decreased pressure to 100 psi for 15 minutes, then 0 psi for remainder of test. Increase rate to SLB max of 7.4 bpm.	
21:50	6:00	8.17	10,947	EVAL	Shut down pumping. Close both 16A and 16B wells in keeping 16B wellhead pressure between 400 and 500 psi. remove 5.5" rams and install 5" on 13-3/8" doublegate. Load out some of the 5.5" drill pipe.	

Management Summary

Rigged up 16A well for circulation test #2. Rigged up SLB. Filled hole and all lines to separator. Closed blind rams. Pressure tested SLB lines to 5,000 psi. Performed circulation test pumping down well 16A and recording pressure, temperature and flow on well 16B. Pumped 2.5 bpm, 5 bpm and 7.4 bpm stages. Shut down pumping. Closed both wells in keeping 16B wellhead pressure between 400 and 500 psi.

Comments

Fuel on hand 13,195 gals.
 Fuel used 563 gals.
 Total NPT to date 122.50 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	
LINER	7.000	7	0	10,208	8,061	INT2	9.500	38	VSTP110M	

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	
18-Jul-23 11:45 at Depth 10,947 ft Other Location, Type: Low Solids Non-Dispersed																					
8.40	27					9.1	0.65		99.5			1800									

Mud Consumables

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

Miscellaneous Drilling Parameters

Hook Loads (lbs):	Off Bottom Rotate:	Pick Up:	Slack Off:	Drag Avg/Max:	/
Hours on BHA:	Since Inspection:	7.5	Total:	7.5	Jars: 0
Hours on Casing/Liner:	Rotating:	/ 7.5	Tripping:	/ 25	<input type="checkbox"/> Wear Bushing Installed



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Rig Information

Equipment Problems:

Location Condition:

Transport:

Solids Control Information

Screen Sizes: Top Middle 1 Middle 2 Bottom

Shaker No 1: 200 200 200 200

Shaker No 2: 200 200 200 200

Shaker No 3: 200 200 200 200

Drill Pipe Inventory

DP Size Joints Weight Grade Thread DP Size Joints Weight Grade Thread

3.5" 362 15.5 S-135 3.5IF

Safety Information

Meetings/Drills Time Description

Safety 60 Two Pre-tour safety meetings with crews, 30 minute safety meeting with all personnel on location to review circulation test #2.

First Aid Treatments: 0 Medical Treatments: 0 Lost Time Incidents: 0 Days Since LTI: 94

☐ BOP Test ☐ Crownamatic Check

Weather Information

Sky Condition: Partly cloudy Visibility: 10

Air Temperature: 93 degF Bar. Pressure: 1007

Wind Speed/Dir: 17 / SSW Wind Gusts: 20