



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: 64 Report For 06:00 AM 19-Jun-23

Operator:	UNIVERSITY OF UTAH	Rig:	Frontier 16	Spud Date:	26-Apr-23	Daily Cost / Mud (\$):	---
Measured Depth (ft):	10947	Last Casing:	11.750 at 4,837	Wellbore:	Original Wellbore	AFE No.	AFE (\$) Actual (\$)
Vertical Depth (ft):	8357	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:	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: 64

Pers/Hrs: Operator: 3 / 36 Contractor: 14 / 168 Service: 6 / 72 Other: 6 / 72 Total: 29 / 348

Safety Summary: No incidents or events reported. 64 days since LTI. Conducted Crown Check, Safety Meeting.

Current Operations: Pulling out of the hole with ThruBit tools at 8,200'.

Planned Operations: Continue pulling out of the hole with ThruBit tools to surface. Rig up and run baseline temp tool, rig down same, rig up and run UBI from casing shoe to surface.

Toolpusher: Shawn Seddell, Clay Nielson

Wellsite Supervisors: Leroy Swearingen, Brian Gresham Tel No.:

Operations Summary

From	To	Elapsed	End MD(ft)	Code	Operations Description	Non-Prod
6:00	10:00	4.00	10,947	LOG	Logging w/ SLB - running UBI log from 5,200' to intermediate casing shoe at 4,837'. Pull tool to surface. Break down UBI. Stage and make up bit, bit sub, and hangoff sub for thru bit logging.	
10:00	11:15	1.25	10,947	TRPI	Trip in hole to 3,677'.	
11:15	12:00	0.75	10,947	SUSOPS	Shut down to reroute service loop in derrick due to high winds.	
12:00	16:30	4.50	10,947	TRPI	Fill pipe, TIH to 5,981', fill pipe, TIH to 9,042', fill pipe, TIH to 10,940'.	
16:30	22:15	5.75	10,947	CIRC	Circulate and cool wellbore prior to running in logging tools. Hold safety meeting with SLB on rigging up and operations while circulating.	
22:15	22:30	0.25	10,947	TRPO	Pump out of the hole from 10,940' to 10,727'.	
22:30	3:00	4.50	10,947	LOG	Make up surface pressure equipment to drill string, pick up logging tools (Triple-Combo, Dipole sonic, Electronic imager) on wireline and run in drill string to 5,632', pump down tools from 5,632' to 10,727' (bottom of tools at 10,905') 100-650 gpm, disconnect from the logging tool at Hangoff sub, pull out of hole with wireline. Max temp observed 260 deg f.	
3:00	4:30	1.50	10,947	LOG	Pump out of the hole from 10,727' to 9,500', 450-500 gpm, 1800 ft/hr.	
4:30	5:00	0.50	10,947	LOG	Pull out on elevators from 9,500' to 9,000' at 1,800 ft/hr.	
5:00	5:30	0.50	10,947	LOG	Pump out of the hole from 9,000' to 8,700' 450-500 gpm, 1800 ft/hr.	
5:30	6:00	0.50	10,947	LOG	Pull out on elevators from 8,700' to 8,200' at 1,800 ft/hr.	

Management Summary

Ran UBI log from 5,200' to intermediate casing shoe at 4,837'. Pulled tool to surface. Broke down UBI and laid out same. Staged out and picked up bit, bit sub, and hangoff sub for ThruBit logging. Tripped in hole to 3,677'. Shut down to reroute service loop in derrick due to high winds. Tripped in the hole from 3,677' to 10,940'. Circulated and cooled wellbore prior to running in logging tools. Pumped out of the hole from 10,940' to 10,727'. Made up surface pressure equipment to drill string. Picked up logging tools. Ran in the hole with ThruBit tools to hangoff sub. Released from logging tools and pulled wireline out of the hole to surface. Pumped out of the hole with ThruBit tools from 10,727' to 9,500' at 1800 ft/hr. Pulled out on elevators from 9,500' to 9,000' at 1,800 ft/hr. Pumped out of the hole from 9,000' to 8,700' at 1,800 ft/hr. Pulled out on elevators from 8,700' to 8,200' at 1,800 ft/hr.

Comments

Fuel on hand 16,040 gals.
Fuel used 1,256 gals.
Fuel delivered 7,500 gals
Total NPT to date 121.50 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	



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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
19-Jun-23 05:00 at Depth 10,947 ft Other Location, Type: Low Solids Non-Dispersed																				
8.42	27				0.25	9.4	0.65							350						
18-Jun-23 14:00 at Depth 10,947 ft Other Location, Type: Low Solids Non-Dispersed																				
8.42	27				0.25	9.3	0.65							350						

Mud Consumables

Item Description	Qty.	Cost	Item Description	Qty.	Cost
Caustic Soda - 50#SK	3	---	Engineering - OTHER	2	---
Lodging - OTHER	1	---	Poly Vis - 50#SK	4	---
PrimeSeal/MaxiSea1117 - 50#SK	5	---			

Miscellaneous Drilling Parameters

Hook Loads (lbs):	Off Bottom Rotate:	278	Pick Up:	500	Slack Off:	190	Drag Avg/Max:	100 / 125
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Rig Information

Equipment Problems: Service loop getting tangled in derrick due to high winds.

Location Condition: Good.

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: 64
Accident Description: None to report.		
<input type="checkbox"/> BOP Test	<input checked="" type="checkbox"/> Crownamatic Check	

Weather Information

Sky Condition: Clear	Visibility: 10
Air Temperature: 81 degF	Bar. Pressure: 1005
Wind Speed/Dir: 31 / SSW	Wind Gusts: 55