

**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: 89

Report For 06:00 AM 14-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:	89
Pers/Hrs:	Operator: 2 / 0	Contractor: 14 / 0	Service: 9 / 0	Other: 6 / 0	Total:		31 / 0
Safety Summary: No incidents or events reported. 89 days since LTI. Conducted Safety Meeting.							
Current Operations: Waiting on cement to set.							
Planned Operations: Lift BOP stack. Secure fiber optics. Nipple down and remove 13 5/8" X 5,000 BOPEs. Install 7-1/16" 10,000 BOPEs with fiber optics.							
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	11:00	5.00	10,947	CMTP	Finish pumping 50 bbl 12.5 ppg spacer. Mix and pump 318 bbls of plan 13.8 ppg cement. Actual density was between 12.5 -13.6 ppg cement due to the thickness of the cement being mixed. Pump rates are between 2-4 bpm. At 318 bbls of cement pumped, cement mixer became plugged. Attempt to un plug. Switch out pump trucks. Pump an additional 336 bbls of 12.9 to 13.6 ppg cement at 3 to 5 bpm. Drop plug and displace with 328 bbls of water. Bump plug. Check floats. Floats held. Returned 2.5 bbls. CIP at 10:56. Approx 80 bbls of light cement returns. (11.2 ppg start to 12.1 ppg at the end). Closed casing valves. Open casing valve, well on a vacuum. Close casing valve.	
11:00	6:00	19.00	10,947	WOC	Wait on cement. Install valves on 7-1/16" mudcross. Clean radiators on generators. Identify leaks on separator.	

Management Summary

Finished pumping 50 bbl of 12.5 ppg spacer. Mixed and pumped 318 bbls of the plan 13.8 ppg cement. Actual density was between 12.5 -13.6 ppg cement due to the thickness of the cement being mixed. Pump rates were between 2-4 bpm. At 318 bbls of cement pumped, cement mixer became plugged. Attempted to un plug. Switched out cement pump trucks. Pumped an additional 336 bbls of 12.9 to 13.5 ppg cement at 3 to 5 bpm. Dropped plug and displaced with 328 bbls of water. Bumped plug. Checked floats. Floats held. 2.5 bbls back. CIP at 10:56. Approx 80 bbls of light cement returns. (11.4 ppg start. 12.1 ppg end). Closed casing valves. Opened casing valve. Well on a vacuum. Closed casing valve.

Comments

Fuel on hand 8,670 gals.
Fuel used 636 gals.
Temp in F
Temp out F
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	
13-Jul-23 14:00 at Depth 10,947 ft Other Location, Type: Low Solids Non-Dispersed																					
8.40	27						0.65		99			2000									

Mud Consumables

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



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Report For 06:00 AM 14-Jul-23

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:	0
Hours on Casing/Liner:	Rotating:	0 / 0	Tripping:	0 / 0	<input type="checkbox"/> Wear Bushing Installed	

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	30	15.5	S-135	3.5IF					

Safety Information

Meetings/Drills		Time	Description					
Safety		30	Two Pre-tour safety meetings with crews,					
First Aid Treatments:		0	Medical Treatments:	0	Lost Time Incidents:	0	Days Since LTI:	89
<input type="checkbox"/>	BOP Test		<input type="checkbox"/>	Crownamatic Check				

Weather Information

Sky Condition:	Clear	Visibility:	10
Air Temperature:	96 degF	Bar. Pressure:	1004
Wind Speed/Dir:	9 / SSW	Wind Gusts:	12