



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: 68

Report For 06:00 AM 23-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:	68
Pers/Hrs:	Operator: 3 / 36	Contractor:	14 / 168	Service:	6 / 72	Other:	3 / 36
						Total:	26 / 312
Safety Summary: No incidents or events reported. 68 days since LTI. Conducted Crown Check, Safety Meeting.							
Current Operations: Circulating at 9,143' to cool wellbore.							
Planned Operations: Circulate to cool wellbore, pull out of the hole, rig up to run baker conveyed tools.							
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	9:30	3.50	10,947	CIRC	Circulate to cool hole for gyro survey and Baker/Battelle tools at 10,494' MD.	
9:30	11:30	2.00	10,947	LOG	Rig up SDI for gyro. HSM with SDI, Frontier Drilling and FORGE personnel.	
11:30	19:00	7.50	10,947	LOG	RIH with gyro to 10,415'. Survey out of hole from 10,415' to 5,555'. Pull gyro to surface, rig down same.	
19:00	20:30	1.50	10,947	TRPO	Pull out of the hole from 10,442' to 9,143', max overpull 230k,	
20:30	6:00	9.50	10,947	CIRC	Circulate to cool wellbore at 9,143' prior to running Baker pipe conveyed logging tools.	

Management Summary

Circulated to cool hole for gyro survey and Baker/Battelle tools at 10,494' MD. Rigged up SDI for gyro. Ran in the hole with gyro to 10,415'. Surveyed out of the hole from 10,415' to 5,555'. Pulled gyro to surface, rigged down same. Pulled out of the hole from 10,442' to 9,143'. Circulated to cool wellbore at 9,143' prior to running Baker pipe conveyed logging tools.

Comments

Fuel on hand 12,764 gals.
Fuel used 3,195 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	

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	
22-Jun-23 08:00 at Depth 10,947 ft Other Location, Type: Low Solids Non-Dispersed																					
8.40	27					9.9	0.65		99.5			350									

Mud Consumables

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

Bit/BHA/Workstring Information

BHA - No. 39 - OTHER, BS, STAB, DC, STAB, OTHER, STAB, XO, HWDP, XO, STAB, XO, 9 HWDP, XO, STAB, XO, 15 HWDP, JAR, 9 HWDP = 1157.13

Miscellaneous Drilling Parameters

Hook Loads (lbs):	Off Bottom Rotate:	320	Pick Up:	550	Slack Off:	175	Drag Avg/Max:	175 / 225
Hours on Casing/Liner:	Rotating:	35 / 16	Tripping:	7 / 2	<input type="checkbox"/> Wear Bushing Installed			



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Rig Information

Equipment Problems: Replaced fan motor on mud cooler, all coolers online.

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. HSM w/ SDI, Frontier Drilling and FORGE prior to running gyro survey.

First Aid Treatments: 0 Medical Treatments: 0 Lost Time Incidents: 0 Days Since LTI: 68

Accident Description: None to report.

☐ BOP Test ☒ Crownamatic Check

Weather Information

Sky Condition: Clear	Visibility: 10
Air Temperature: 82 degF	Bar. Pressure: 1008
Wind Speed/Dir: 10 / SSW	Wind Gusts: 20