



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: 82 Report For 06:00 AM 07-Jul-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: 82

Pers/Hrs: Operator: 3 / 0 Contractor: 14 / 0 Service: 4 / 0 Other: 4 / 0 Total: 25 / 0

Safety Summary: No incidents or events reported. 82 days since LTI. Conducted Safety Meeting.

Current Operations: Tripping in the hole with 9-1/2" reaming assembly.

Planned Operations: Ream 9-1/2" hole from 6,500' to 7,500'. Run in hole to 10,000 and ream to 10,300'.

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	8:30	2.50	10,947	CASE	Make up cross over sub to drill pipe onto 7" 38# Vam HT casing for dummy run. Remove hydraulic slips.	
8:30	9:00	0.50	10,947	CASE	Trip in hole with dummy casing assembly on drill pipe.	
9:00	10:00	1.00	10,947	BOPO	Door seal leaking on upper ram door. Open ram door and install new seal.	
10:00	14:00	4.00	10,947	CASE	Continue running dummy casing assembly on drill pipe to 10,215' MD. No tight spots. This will be setting depth for final casing shoe.	
14:00	18:30	4.50	10,947	CIRC	Circulating 2X bottom up for samples. Pump high viscosity sweep to clean hole.	
18:30	1:00	6.50	10,947	CASE	Trip out of the hole with dummy casing assembly on drill pipe. No tight spots. Casing assembly in good shape.	
1:00	2:00	1.00	10,947	RIGD	Rig down casing running equipment.	
2:00	3:00	1.00	10,947	OTHER	Install wear bushing.	
3:00	6:00	3.00	10,947	BHAOP	Make up BHA #44 with 9-1/2" bull nose PDC reamer and reaming assembly.	

Management Summary

Made up cross over sub to drill pipe onto 7" 38# Vam HT casing. Tripped in the hole with casing and drill pipe to 10,215'. No tight spots. Pumped sweeps and cleaned hole. Pulled out of the hole. No tight spots. Casing assembly in good shape. Installed wear bushing. Made up and tripped in the hole with BHA #44 with 9-1/2" bull nose PDC reamer and reaming assembly to 3,186'.

Comments

Fuel on hand 13,123 gals.
Fuel used 775 gals.
Temp in 110 F
Temp out 126 F
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
06-Jul-23 12:00 at Depth 10,947 ft Other Location, Type: Low Solids Non-Dispersed																				
8.40	27					9.8	0.65		95			500						86	105	

Mud Consumables

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

Bit/BHA/Workstring Information

BHA - No. 44 - OTHER, BS, STAB, DC, STAB, OTHER, STAB, DC, STAB, XO, 9 HWDP, XO, STAB, XO, 12 HWDP, JAR, 12 HWDP = 1163.75



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Miscellaneous Drilling Parameters

Hook Loads (lbs):	Off Bottom Rotate:	Pick Up:	Slack Off:	Drag Avg/Max:	/
Hours on BHA:	Since Inspection: 12.5	Total: 12.5	Jars: 12.5		
Hours on Casing/Liner:	Rotating: 47.5 / 0	Tripping: 84.5 / 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	Equipment Usage (Hrs):		
Shaker No 1:	200	200	200	200	Desander: 0	Desilter: 0	Degasser: 0
Shaker No 2:	200	200	200	200	Centrifuge 1: 12 (Solids Removal)		Centrifuge 2: 12 (Solids Removal)
Shaker No 3:	200	200	200	200			

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 crews. PJSM for running casing dummy run.
First Aid Treatments:	Medical Treatments:	Lost Time Incidents:
		Days Since LTI: 82
<input type="checkbox"/> BOP Test	<input type="checkbox"/> Crownamatic Check	

Weather Information

Sky Condition: Clear	Visibility: 10
Air Temperature: 91 degF	Bar. Pressure: 1003
Wind Speed/Dir: 17 / SSW	Wind Gusts: 20