



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: 85 Report For 06:00 AM 10-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: 85

Pers/Hrs: Operator: 2 / 0 Contractor: 14 / 0 Service: 4 / 0 Other: 2 / 0 Total: 22 / 0

Safety Summary: No incidents or events reported. 85 days since LTI. Conducted Safety Meeting.

Current Operations: Rigging up to run 7" 38# casing.

Planned Operations: Finish rigging up. Run 7" casing with 3 fiber optics lines.

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	7:00	1.00	10,947	TRPO	Pull wear bushing. Clean floor and lay down all handling subs, x-overs and related tools for 5 1/2" drill pipe.	
7:00	10:00	3.00	10,947	OTHER	Load 7" casing back on rack after installing centralizers.	
10:00	14:00	4.00	10,947	OTHER	Strap 3 1/2" drill pipe. Pick up 30 stands and rack in derrick.	
14:00	16:00	2.00	10,947	OTHER	Clean floor, stage fiber optics cable protectors and move to floor,	
16:00	18:00	2.00	10,947	OTHER	Removing saver sub from top drive. Change out grabber dies. Rig down ST-80 and take off floor.	
18:00	6:00	12.00	10,947	OTHER	Made up new saver sub. (6-5/8 Reg to 5-1/2 FH) Clean rig and location. Change oil in generator #2. Repaired power washer.	

Management Summary

Pulled wear bushing. Laid down all handling subs, x-overs and related tools for 5 1/2" drill pipe. Finished loading 7" casing on rack. Made up 30 stands of 3-1/2" drill pipe. Stood back in derrick. Staged fiber optics cable protectors on rig floor and the spools by the rig., Laid down ST-80. Changed out saver sub. Cleaned rig and location.

Comments

Fuel on hand 12,315 gals.
Fuel used 1344 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	

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
09-Jul-23 13:30 at Depth 10,947 ft Other Location, Type: Low Solids Non-Dispersed																				
8.40	27					9.6	0.65		99			1300								

Mud Consumables

Item Description	Qty.	Cost	Item Description	Qty.	Cost
API Gel - 100#SK	19	---	Engineering - OTHER	1	---
PAlets/Wraps - OTHER	2	---			



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Bit/BHA/Workstring Information

No	Run	Make	Model	Diam	Depth In	This Run		R.O.P.			Mud Pump									
						Dist	Hrs	Avg	Max	WOB	RPM	Torque	Wt	Flow	Press	J. Vel	P. Drp	HHP	JIF	
26	4	SANJOAQ	EP4900	8.750	10947	0	0	0.0	0.0	0	0	0	0	8	0	0				

Jets: 28 28 28 Out: 10947 Grade: Cutter: 1/1 Dull: WT/NO Wear: A Brgs: E Gge: 0 Pull: TD

Comments: Wash to bottom f 10,800' t 10.947'

BHA - No. 45 - BIT, BS, XO, 33 HWDP = 1016.45

Miscellaneous Drilling Parameters

Hook Loads (lbs):	Off Bottom Rotate:	Pick Up:	Slack Off:	Drag Avg/Max:	/
Hours on BHA:	Since Inspection:	27	Total:	27	Jars: 27
Hours on Casing/Liner:	Rotating:	64 / 0	Tripping:	109.25 / 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: 8 (Solids Removal)		Centrifuge 2: 8 (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.
First Aid Treatments:	0	Medical Treatments: 0 Lost Time Incidents: 0 Days Since LTI: 85
<input type="checkbox"/> BOP Test		<input type="checkbox"/> Crownamatic Check

Weather Information

Sky Condition: Clear	Visibility: 10
Air Temperature: 93 degF	Bar. Pressure: 1009
Wind Speed/Dir: 25 / SW	Wind Gusts: 25