

**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: 81

Report For 06:00 AM 06-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:	81
Pers/Hrs:	Operator: 3 / 36	Contractor:	14 / 168	Service:	8 / 96	Other:	2 / 24
						Total:	27 / 324
Safety Summary: No incidents or events reported. 81 days since LTI. Conducted Safety Meeting.							
Current Operations: Making up 7" casing dummy run.							
Planned Operations: Finish making up 7" casing dummy run. Run in the hole to 10,215'. Circulate bottoms up. Pull out of the hole. Lay down casing.							
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	EVAL	Monitoring wells 16A and 16B.	
8:30	9:30	1.00	10,947	EVAL	Bled off pressure and repair leak on 16B flow meter. Troubleshoot and acquire pressure readings on 16A well.	
9:30	10:30	1.00	10,947	SAFETY	Held safety meeting with SLB, FORGE, and EGI personnel prior to pumping	
10:30	16:30	6.00	10,947	EVAL	Pumping into 16A well at 5 bpm while monitoring pressure, temperature and flow from 16B well.	
16:30	1:00	8.50	10,947	EVAL	Shut in on wells 16A and 16B for monitoring. Rig down SLB pumping units. Change out top rams on BOP. Stage and dummy casing run on catwalk. Strap and prepare to run on drill pipe.	
1:00	4:00	3.00	10,947	RIGU	Bled off 16B well. Rig up casing running equipment.	
4:00	5:30	1.50	10,947	REPS	Troubleshoot and repair hydraulic fittings on hydraulic slips. Pull wear bushings. PJSM with B&L and rig crew.	X
5:30	6:00	0.50	10,947	CASE	Start making up and run in hole with 7" 38# Vam HT casing as a dummy run. Consist of float shoe, 2 csg joints, pup joint, float collar, pup joint, 1 csg joint, pup joint, PetroQuip sub, pup joint, 1 csg joint, and x-over. 9 straight vane centralizers total.	

Management Summary

Monitoring wells 16A and 16B for pressure and temperature. Bled off. Performed 2nd stage of Open Hole Circulation Test by pumping into 16A well at 5 bpm while monitoring pressure, temperature and flow from 16B well. Shut in on both wells for monitoring. Installed pipe rams. Bled of 16B well. Rigged up casing running equipment. Start making up and running in hole with 7" 38# Vam HT casing dummy run assembly, consisting of float shoe, 2 pup joints, float collar, 1 pup joint, 1 csg joint, 1 pup joint, PetroQuip sub, 1 pup joint, 1 csg joint, and x-over. Also includes 9 straight vane centralizers..

Comments

Fuel on hand 13,385 gals.
 Fuel used 608 gals.
 Temp in 121 F
 Temp out 133 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

HEAD 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	
05-Jul-23 08:00 at Depth 10,947 ft Other Location, Type: Low Solids Non-Dispersed																					
8.40	27					9.6	0.65		95			500						99			



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Mud Consumables

Item Description	Qty.	Cost	Item Description	Qty.	Cost
Defoam 14 - GALS	1	---	Engineering - OTHER	1	---
Poly Vis - 50#SK	4	---	Xanthan Gum - 50#SK	4	---

Bit/BHA/Workstring Information

BHA - No. 43 - , XO, 33 HWDP = 1248.37

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:	73.5 / 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 Open hole Evaluation testing.
First Aid Treatments:	0	Medical Treatments: 0
Lost Time Incidents:	0	Days Since LTI: 81
<input type="checkbox"/> BOP Test	<input type="checkbox"/> Crownamatic Check	

Weather Information

Sky Condition:	Clear	Visibility:	10
Air Temperature:	92 degF	Bar. Pressure:	1005
Wind Speed/Dir:	11 / S	Wind Gusts:	15