



# 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: 66 Report For 06:00 AM 21-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: 66

Pers/Hrs: Operator: 3 / 36 Contractor: 14 / 168 Service: 6 / 72 Other: 2 / 24 Total: 25 / 300

Safety Summary: No incidents or events reported. 66 days since LTI. Conducted Crown Check, Safety Meeting.

Current Operations: Reaming 9 1/2" hole at 9,465'.

Planned Operations: Ream 9 1/2" hole to 10,947'. Circulate hole clean. Trip out of the hole, lay out reaming assembly.

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	8:30	2.50	10,947	BHAOP	Finish making up BHA #39, Reaming Assembly. Pick up 10 newly hardbanded heviweight drill pipe.	
8:30	10:30	2.00	10,947	TRPI	Trip in hole to 5,337'.	
10:30	17:00	6.50	10,947	REAM	Reaming 9 1/2" hole from 5,337' to 6,780', 2-6K WOB, 80 RPM, 8-12K TORQ, 1000 GPM, 300 FPH.	
17:00	17:30	0.50	10,947	SERV	Service rig.	
17:30	6:00	12.50	10,947	REAM	Reaming 9 1/2" hole from 6,780' to 9,465', 2-4K WOB, 80 RPM, 18-23K TORQ, 1000 GPM, 300 FPH.	

### Management Summary

Made up 9 1/2" reaming assembly. Tripped in the hole to 5,337'. Reamed 9 1/2" hole from 5,337' to 6,780'. Serviced rig. Reamed 9 1/2" hole from 6,780' to 9,465'.

### Comments

Fuel on hand 12,458 gals.  
Fuel used 2,412 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
20-Jun-23 13:00 at Depth 10,947 ft Other Location, Type: Low Solids Non-Dispersed																				
8.40	27					9.8	0.65		99.5			350								

### Mud Consumables

Item Description	Qty.	Cost	Item Description	Qty.	Cost
Caustic Soda - 50#SK	2	---	Engineering - OTHER	1	---
HIB 19 - GALS	1	---	Lodging - OTHER	1	---
Poly Vis - 50#SK	2	---	Xanthan Gum - 50#SK	2	---

### 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:	240	Pick Up:	325	Slack Off:	230	Drag Avg/Max:	50 / 65
Hours on Casing/Liner:	Rotating:	19 / 0	Tripping:	5 / 0	<input type="checkbox"/> Wear Bushing Installed			



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### Rig Information

Equipment Problems: None to report.

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.
First Aid Treatments:	0	Medical Treatments: 0
Lost Time Incidents:		0
Days Since LTI:		66
Accident Description: None to report.		
<input type="checkbox"/> BOP Test	<input checked="" type="checkbox"/> Crownamatic Check	

### Weather Information

Sky Condition: Clear	Visibility: 10
Air Temperature: 80 degF	Bar. Pressure: 1007
Wind Speed/Dir: 22 / W	Wind Gusts: 30