

**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: 65

Report For 06:00 AM 20-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:	65
Pers/Hrs:	Operator: 3 / 36	Contractor:	14 / 168	Service:	6 / 72	Other:	8 / 96
						Total:	31 / 372
Safety Summary: No incidents or events reported. 65 days since LTI. Conducted Crown Check, Safety Meeting.							
Current Operations: Making up 9 1/2" reaming assembly.							
Planned Operations: Trip in the hole to 4,836', ream to 10,947' as needed.							
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	14:00	8.00	10,947	LOG	Pulled out of the hole with FMI log and Thru Bit tools from 8,200' to 3,700' at 3 minutes/stand. Trip out of the hole from 3,700' to bit at normal trip speed. Break down tools. Download data. Data looked good.	
14:00	16:30	2.50	10,947	LOG	Rig up and run Temperature log on wireline. Tool stopped at 7,030'. Made several attempts to get past. Continued to 9,580' and tool stopped. After several attempts with no progress. Pull out of the hole. with Temperature log. Rig down and lay out same.	
16:30	20:00	3.50	10,947	LOG	Rig up and run UBI to 4,836', log from 4,836' to surface. Rig down UBI tools. Rig down SLB wireline unit.	
20:00	3:00	7.00	10,947	OTHER	Hold pre job safety meeting with rig crew and Colorado string up crew, unstringing blocks and restring to twelve lines.	
3:00	6:00	3.00	10,947	BHAOP	Make up 9 1/2" reaming assembly, BHA #39. Lay out 5 joints of HWDP due to hard banding needing to be replaced.	

**Management Summary**

Pulled out of the hole with FMI log and Thru Bit tools from 8,200' to 3,700' at 3 minutes/stand. Tripped out of the hole from 3,700' to bit at normal trip speed. Broke down tools. Downloaded data. Rigged up and ran Temperature log on wireline, worked tool past 7,030'. Continued to 9,580' unable to work past. Pulled out of the hole with Temperature log. Rigged down and laid out same. Rigged up and run UBI, logged from 4,836' to surface, rigged down UBI tools, rigged down SLB wireline unit. Held pre job safety meeting with rig crew and Colorado string up crew, unstrung blocks and restring to twelve lines. Made up 9 1/2" reaming assembly, BHA #39. Laid out 5 joints of HWDP due to hard banding needing to be replaced.

**Comments**

Fuel on hand 14,870 gals.  
 Fuel used 1,170 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	
19-Jun-23 19:00 at Depth 10,947 ft Other Location, Type: Low Solids Non-Dispersed																					
8.40	27				0.25	9.7	0.65		99.4			350									

**Mud Consumables**

Item Description	Qty.	Cost	Item Description	Qty.	Cost
Caustic Soda - 50#SK	2	---	Engineering - OTHER	2	---
HIB 19 - GALS	1	---	Lodging - 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 =



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1157.13

## 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: 10 (Solids Removal)		Centrifuge 2: 10 (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:	65
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:	76 degF	Bar. Pressure:	1003
Wind Speed/Dir:	28 / S	Wind Gusts:	35

Comments: High wind throughout out the day.