

**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: 76****Report For 06:00 AM 01-Jul-23**

<b>Operator:</b> UNIVERSITY OF UTAH		<b>Rig:</b> Frontier 16		<b>Spud Date:</b> 26-Apr-23		<b>Daily Cost / Mud (\$):</b> ---			
<b>Measured Depth (ft):</b> 10947		<b>Last Casing:</b> 11.750 at 4,837		<b>Wellbore:</b> Original Wellbore		<b>AFE No.</b>		<b>AFE (\$)</b>	<b>Actual (\$)</b>
<b>Vertical Depth (ft):</b> 8357		<b>Next Casing:</b> 7.000 at 10,159		<b>RKB Elevation (ft):</b> 31		---		---	---
<b>Proposed TD (ft):</b> 10658		<b>Last BOP Test:</b> 27-May-23		<b>Job Reference RKB (ft):</b>		---		---	---
<b>Hole Made (ft) / Hrs:</b> 0 / 0.0		<b>Next BOP Test:</b> 26-Jun-23		<b>Working Interest:</b>		<b>Totals:</b>		---	---
<b>Average ROP (ft/hr):</b>						<b>Well Cost (\$):</b>		---	
<b>Days (actual / plan):</b>		Drilling 6.18 / 22, Flat 0 / 0, Complete 0 / 52, Total 6.18 / 74						<b>DOL:</b>	76
<b>Pers/Hrs:</b>	<b>Operator:</b> 3 / 0	<b>Contractor:</b> 14 / 0	<b>Service:</b> 8 / 0	<b>Other:</b> 4 / 0	<b>Total:</b>		29 / 0		
<b>Safety Summary:</b> No incidents or events reported. 76 days since LTI. Conducted Safety Meeting.									
<b>Current Operations:</b>		Running in the hole with RCX and logging tools on wireline.							
<b>Planned Operations:</b>		Perform mini-frac testing on wireline.							
<b>Toolpusher:</b>		Steve King, Jason Postma							
<b>Wellsite Supervisors:</b> Leroy Swearingen , Randy Baldwin						<b>Tel No.:</b>			

**Operations Summary**

From	To	Elapsed	End MD(ft)	Code	Operations Description	Non-Prod
6:00	6:30	0.50	10,947	TRPI	Trip in hole from 3,806' to 4,766'.	
6:30	7:00	0.50	10,947	CIRC	Circulate 2 pipe capacities	
7:00	9:30	2.50	10,947	LOG	Break off and make up stabilizer and SES. Ran in hole with sinker bar with wireline latch. Latched up and tested tools. Temp at tool was 212°F.	
9:30	13:15	3.75	10,947	TRPI	Trip in the hole from 4,766' to test depth of 8,473' wireline depth, 8,500' drill pipe depth . Temperature at tool is 293°F. Shut down 25 minutes on trip in, logging truck died.	
13:15	15:00	1.75	10,947	LOG	Running Baker/Battelle mini-frac testing. Test #1, Test depth 8,473' wireline depth, 8,500' drill pipe depth, Logging truck died. Tool quit working.	
15:00	16:30	1.50	10,947	LOG	Pull up to test depth 7,917' wireline depth, 7,946' drill pipe depth attempting to get tool to work. No luck.	
16:30	18:00	1.50	10,947	TRPO	Trip out of the hole to 7,072' to pick up new tools.	
18:00	18:30	0.50	10,947	CIRC	Circulate.	
18:30	20:00	1.50	10,947	TRPO	Trip out of the hole from 7,072' yo 4,766'.	
20:00	21:00	1.00	10,947	OTHER	Rig down wireline. Lay down SES, stabilizer and x-over.	
21:00	23:00	2.00	10,947	TRPO	Trip out of the hole from 4,766' to 135'.	
23:00	3:00	4.00	10,947	OTHER	Lay down Baker Wireline line RCX tools and logging tools. Made up new RCX tools and logging tools except the sleeve packers (no back up on location). Surface test tools.	
3:00	6:00	3.00	10,947	LOG	Run in hole with RCX and logging tools on wireline to 300'. Pull out of the hole. Removed sleeve packer. Run in hole with tools.	

**Management Summary**

Tripped in hole from 3,806' to 4,766'. Made up stabilizer and SES. Ran in hole with sinker bar with wireline latch. Latched up and tested tools. Tripped in the hole from 4,766' to 8,500' drill pipe depth. Temperature at tool is 293°F. Ran Baker/Battelle mini-frac test. Test depth 8,473' wireline depth, 8,500' drill pipe depth, Logging truck died. Tool quit working. Pulled up to 7,917' wireline depth, 7,946' drill pipe depth and attempted to test. Tripped out of the hole to 4,766'. Laid down wireline, SES, stabilizer and x-over. Laid down RCX tools and logging tools. Made up new RCX tools and logging tools. Surface tested same. Ran in hole with tools on wireline to 300'. Packers not working. Pulled out of the hole. Removed sleeve packer. Ran in hole with tools.

**Comments**

Fuel on hand 18,663 gals.  
 Fuel used 662 gals.  
 Temp in \* F  
 Temp out \* 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	



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## 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	
30-Jun-23 08:00 at Depth 10,947 ft Other Location, Type: Low Solids Non-Dispersed																					
8.40	27					9.9	0.65		95			350									

## Mud Consumables

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

## Miscellaneous Drilling Parameters

Hook Loads (lbs):	Off Bottom Rotate:	Pick Up:	Slack Off:	Drag Avg/Max:	/
Hours on Casing/Liner:	Rotating:	35 / 0	Tripping:	62.5 / 0	<input checked="" 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	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.
First Aid Treatments:	0	Medical Treatments: 0
Lost Time Incidents:	0	Days Since LTI: 76
<input type="checkbox"/> BOP Test	<input type="checkbox"/> Crownamatic Check	

## Weather Information

Sky Condition:	Clear	Visibility:	10
Air Temperature:	76 degF	Bar. Pressure:	1014
Wind Speed/Dir:	8 / N	Wind Gusts:	10