

**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: 75

Report For 06:00 AM 30-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: 75
Pers/Hrs:	Operator: 3 / 0	Contractor:	14 / 0	Service:	8 / 0	Other:	3 / 0 Total: 28 / 0
Safety Summary: No incidents or events reported. 75 days since LTI. Conducted Safety Meeting.							
Current Operations: Tripping in the hole at 3,806'.							
Planned Operations: Trip in the hole to 4,766'. Install SES and stabilizer. Trip in the hole to 8,263' with straddle packers and logging tools. Perform mini-frac testing.							
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	19:45	13.75	10,947	CIRC	Perform 16 hr. circulation to cool hole for Baker/Battelle mini-frac testing. 390 gpm. Temp In 94°, Temp Out 104°.	
19:45	0:00	4.25	10,947	TRPO	Trip out of the hole from 9,122'. Break off bit, bit sub and x-over.	
0:00	3:00	3.00	10,947	LOG	PJSM. Make up Baker Wireline line RCX tools, consisting of logging tools and upper and lower set of straddle packers. Surface test same. Change out cable head connection on sinker bar. Re-test. OK.	
3:00	6:00	3.00	10,947	TRPI	Trip in the hole from 137' to 3,806'.	

**Management Summary**

Performed 16 hr. circulation to cool hole for Baker/Battelle mini-frac testing. Tripped out of the hole from 9,122'. Made up Baker Wireline line RCX tools, consisting of logging tools and upper and lower set of straddle packers. Surface tested same. Tripped in the hole from 137' to 3,806'.

**Comments**

Fuel on hand 19,643 gals.  
 Fuel used 643 gals.  
 Temp in 94° F  
 Temp out 104° 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**

%																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	
29-Jun-23 13:00 at Depth 10,947 ft Other Location, Type: Low Solids Non-Dispersed																					
8.40						10	0.65		0.95			350						94	103		

**Mud Consumables**

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

**Bit/BHA/Workstring Information**

Logging Information																			
				Depth	This Run		R.O.P.							Mud	Pump				
No Run	Make	Model	Diam	In	Dist	Hrs	Avg	Max	WOB	RPM	Torque	Wt	Flow	Press	J. Vel	P. Drp	HPH	JIF	
23	4	SANJOAQ	XLS30DX	9.500	10947	0	0	0.0	0.0	0	0	0	8	400	390	97	71	16	169
Jets: 24 24 24				Out: 10947		Grade: Cutter:		1 / 3		Dull: BT / FC		Wear: S		Brgrs: E		Gge: 0		Pull: BHA	
Comments: RIH to 9122'. Cool hole for minifracs.																			
BHA - No. 41 - BIT, BS, XO, 30 HWDP = 920.51																			



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## Miscellaneous Drilling Parameters

Hook Loads (lbs):	Off Bottom Rotate:	Pick Up:	Slack Off:	Drag Avg/Max:	/
Hours on Casing/Liner:	Rotating:	35 / 0	Tripping:	51.5 / 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	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	45	Two Pre-tour safety meetings held daily with crews. PJSM with Baker
First Aid Treatments:	Medical Treatments:	Lost Time Incidents:
<input type="checkbox"/> BOP Test	<input type="checkbox"/> Crownamatic Check	Days Since LTI: 75

## Weather Information

Sky Condition: Clear	Visibility: 10
Air Temperature: 82 degF	Bar. Pressure: 1008
Wind Speed/Dir: 14 / N	Wind Gusts: