



# 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: 84

Report For 06:00 AM 09-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: 84
Pers/Hrs:	Operator: 3 / 0 Contractor: 14 / 0 Service: 5 / 0 Other: 4 / 0 Total: 26 / 0						
Safety Summary: No incidents or events reported. 84 days since LTI. Conducted Safety Meeting.							
Current Operations: Laying down 5-1/2" subs, lifters and x-overs.							
Planned Operations: Finish putting 7" casing on pipe racks. Pick up and stand back 3-1/2" drill pipe.							
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	8:00	2.00	10,947	TRPO	Trip out of the hole from 5,100' to BHA #44.	
8:00	9:00	1.00	10,947	REPR	Change 2 hoses on ST-80.	X
9:00	10:00	1.00	10,947	BHAOP	Lay down jars, shock sub, reamers, bit sub and bull nose reamer.	
10:00	11:00	1.00	10,947	BHAOP	Remove jets from bit and make up BHA #45 consisting of 8 3/4" TCI bit, bit sub with float and X-over.	
11:00	13:00	2.00	10,947	TRPI	Trip in the hole with BHA #45 to 4,943'. SLM.	
13:00	14:30	1.50	10,947	CUTDL	Cut and slip drilling line.	
14:30	15:00	0.50	10,947	SERV	Service rig and adjust brakes.	
15:00	16:30	1.50	10,947	TRPI	Trip in the hole from 4,943' to 10,150'. SLM.	
16:30	17:30	1.00	10,947	WASH	Wash to bottom from 10,150' to 10,947'. Tag bottom.	
17:30	19:30	2.00	10,947	CIRC	Lay down 2 jts. of drill pipe. Circulate for samples and to clean hole.	
19:30	20:00	0.50	10,947	PUMP	Pump and spot 64 bbls of 25 pound per barrel bentonite pill on bottom.	
20:00	20:30	0.50	10,947	TRPO	Pull up to 10,228', laying down drill pipe.	
20:30	21:15	0.75	10,947	CIRC	Circulate out excess pill.	
21:15	6:00	8.75	10,947	TRPO	Trip out of the hole laying down drill pipe and HWDP from 10,228' to surface.	

## Management Summary

Tripped out of the hole from 5,100' to BHA. Laid down BHA. Made up and tripped in the hole with BHA #45 consisting of 8- 3/4" TCI bit, bit sub with float and X-over to 10,150'. Washed to bottom from 10,150' to 10,947'. Tagged bottom. Circulated for samples and to clean hole. Spotted a 64 bbl bentonite pill on bottom. Pulled up to 10,228', Circulated out excess pill. Tripped out of the hole laying down drill pipe and HWDP from 10,228' to surface.

## Comments

Fuel on hand 13,659 gals.  
Fuel used 1675 gals.  
Temp in 95 F  
Temp out 125 F  
Total NPT to date 122.50 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
08-Jul-23 12:30 at Depth 10,947 ft Other Location, Type: Low Solids Non-Dispersed																				
8.40	27					9.7	0.65		95			1200								

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**Mud Consumables**

Item Description	Qty.	Cost	Item Description	Qty.	Cost
Engineering - OTHER	1	---	Xanthan Gum - 50#SK	1	---

**Bit/BHA/Workstring Information**

No Run		Make	Model	Diam	Depth In	This Run Dist	Run Hrs	R.O.P. Avg	Max	WOB	RPM	Torque	Wt	Mud Flow	Pump Press	J. Vel	P. Drp	HHP	JIF
26	4	SANJOAQ	EP4900	8.750	10947														
Jets: 28 28 28					Out: 10947	Grade: Cutter: 1 / 1		Dull: WT / NO		Wear: A		Brgs: E	Gge: 0	Pull: TD					

Comments: Wash to bottom f 10,800' t 10,947'

BHA - No. 45 - BIT, BS, XO, 33 HWDP = 1016.45

**Miscellaneous Drilling Parameters**

Hook Loads (lbs):	Off Bottom Rotate:	208	Pick Up:	420	Slack Off:	170	Drag Avg/Max:	/ 212
Hours on BHA:	Since Inspection:	27	Total:	27	Jars:	27		
Hours on Casing/Liner:	Rotating:	64 / 0	Tripping:	105.75 / 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
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: 84
<input type="checkbox"/> BOP Test	<input type="checkbox"/> Crownamatic Check	

**Weather Information**

Sky Condition: Clear	Visibility: 10
Air Temperature: 89 degF	Bar. Pressure: 1008
Wind Speed/Dir: 6 / S	Wind Gusts: 10