



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	R.O.P. Hrs	Avg	Max	WOB	RPM	Torque	Mud Wt	Pump Flow	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	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: 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