



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: 74 Report For 06:00 AM 29-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:	74
Pers/Hrs: Operator:	3 / 0	Contractor:	14 / 0	Service:	8 / 0	Other:	3 / 0
						Total:	28 / 0

Safety Summary: No incidents or events reported. 74 days since LTI. Conducted Safety Meeting.

Current Operations: Circulating and cooling hole at 9,122' for mini-frac testing.

Planned Operations: Finish cooling hole. Trip out of the hole with bit and BHA. Trip in the hole 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	18:00	12.00	10,947	EVAL	Running Baker/Battelle mini-frac testing. Completed Test #1. Deflate packers, move up to second test depth of 5,494.6' wireline depth, 5,520' drill pipe depth, Test #2. Inflate packers and test. Deflate packers, move to third test depth of 5,201.6' wireline depth, 5,227' drill pipe depth, Test #3. Inflate packers and test. Deflate packers.	
18:00	18:30	0.50	10,947	TRPO	Trip out of the hole from 5,227' to 4,766'.	
18:30	19:30	1.00	10,947	OTHER	Un-seat latch and sinker bar and pull to surface. Laid down SES and stabilizer. Rig down wireline.	
19:30	22:00	2.50	10,947	TRPO	Trip out of the hole from 4,766' to 135'.	
22:00	23:00	1.00	10,947	BHAOP	Lay down logging tools.	
23:00	23:30	0.50	10,947	BHAOP	Make up 9-1/2" re-run bit, bit sub and x-over.	
23:30	3:45	4.25	10,947	TRPI	Trip in the hole to 9,122'. Fill pipe at 2,918' and 5,765'.	
3:45	6:00	2.25	10,947	CIRC	Circulate and cool hole at 400 GPM.	

Management Summary

Ran Baker/Battelle mini-frac testing. Completed Test #1. Moved up to second test depth of 5,494' wireline depth, 5,520' drill pipe depth, Test #2. Inflated packers and tested. Deflated packers, moved to third test depth of 5,201' wireline depth, 5,227' drill pipe depth, Test #3. Inflated packers and tested. Deflated packers and tripped out of the hole to 4,766'. Un-seated latch and sinker bar and pulled wireline to surface. Laid down SES and stabilizer. Tripped out of the hole to 135'. Laid down logging tools. Tripped in the hole with 9-1/2" bit and BHA to 9,122'. Circulated and cooled hole.

Comments

Fuel on hand 15,995 gals.
 Fuel used 893 gals.
 Temp in 80* F
 Temp out 86* 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
28-Jun-23 08:00 at Depth 10,497 ft Other Location, Type: Low Solids Non-Dispersed																				
8.40	27					9.4	0.65		95			350								

Mud Consumables

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

Bit/BHA/Workstring Information



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BHA - No. 41 - BIT, BS, XO, 30 HWDP = 920.51

Miscellaneous Drilling Parameters

Hook Loads (lbs):	Off Bottom Rotate:	Pick Up:	Slack Off:	Drag Avg/Max:	/
Hours on Casing/Liner:	Rotating: 35 / 0	Tripping:	47.5 / 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: 74
<input type="checkbox"/> BOP Test		<input type="checkbox"/> Crownamatic Check

Weather Information

Sky Condition: Clear	Visibility: 10
Air Temperature: 81 degF	Bar. Pressure: 1007
Wind Speed/Dir: 12 / NW	Wind Gusts: 15