



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: 73 Report For 06:00 AM 28-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: 73

Pers/Hrs: Operator: 3 / 36 Contractor: 14 / 168 Service: 8 / 96 Other: 4 / 48 Total: 29 / 348

Safety Summary: No incidents or events reported. 73 days since LTI. Conducted Safety Meeting.

Current Operations: Deflating packers to move to next test zone.

Planned Operations: Continue microfrac testing.

Toolpusher: Shawn Seddell, 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	7:00	1.00	10,947	TRPI	Trip in the hole from 6,055' to 9,006'.	
7:00	10:00	3.00	10,947	CIRC	Circulate to cool hole while waiting on Baker Wireline truck. 400 gpm.	
10:00	13:30	3.50	10,947	TRPO	Trip out of the hole from 9,006' to surface. Break off bit, bit sub and crossover.	
13:30	15:00	1.50	10,947	LOG	Stage Baker tools onto catwalk.	
15:00	15:30	0.50	10,947	SAFETY	Held procedural and safety meeting with rig crew, Baker Wireline and Battelle.	
15:30	17:15	1.75	10,947	LOG	Finish making up Baker Wireline line RCX tools, consisting of logging tools and upper and lower set of straddle packers. Surface test same.	
17:15	20:45	3.50	10,947	TRPI	Trip in hole from 137' to 4,766'.	
20:45	0:00	3.25	10,947	OTHER	Circulate 2 drill pipe volumes. PJSM. Install stabilizer and side entry sub. Run in hole with sinker bar with wireline latch. Latch up and test tools.	
0:00	1:20	1.33	10,947	TRPI	Trip in the hole from 4,766' to 5,735'.	
1:20	2:20	1.00	10,947	OTHER	Correlate depths to Schlumberger gama logs by logging up to from 5,735' to 5,640' and back down 2 times. Install drill pipe screen and screw in top drive.	
2:20	3:15	0.92	10,947	OTHER	Set packers with center of packers at 5,657' wireline depth. 5,646' drill pipe depth. Note: approx 4' between packers.	
3:15	6:00	2.75	10,947	CIRC	Inflate packers. Communication problem with tools. Re-start unit. Re-inflate packers. Start Microfrac testing.	

Management Summary

Tripped in the hole from 6,055' to 9,006'. Circulated and cooled hole. Tripped out of the hole from 9,006' to surface. Broke out bit, bit sub and crossover. Made up Baker RCX tools, consisting of logging tools and upper and lower set of straddle packers. Surface tested same. Tripped in hole from 137' to 4,766'. Circulated. Installed stabilizer and side entry sub. Ran in hole with sinker bar with wireline latch. Latched up and tested tools. Tripped in the hole from 4,766' to 5,735'. Correlate depths to gama logs. Set packers with center of packers at 5,657' wireline depth and 5,646' drill pipe depth. Inflated packers start testing.

Comments

Fuel on hand 16,888 gals.
Fuel used 928 gals.
Temp in 82* F
Temp out 93* 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
27-Jun-23 15:00 at Depth 10,947 ft Other Location, Type: Low Solids Non-Dispersed																				
8.42	27	1	1	100	0.25	9.5	0.65					350	120						80	



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: 73

Report For 06:00 AM 28-Jun-23

Mud Consumables

Item Description	Qty.	Cost	Item Description	Qty.	Cost
Engineering 1 -	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
23	3	SANJOAQ	XLS30DX	9.500	10947	0	0	0.0	0.0	0	0	0	8	400	480	97	71	16	168
Jets: 24 24 24					Out: 10947	Grade: Cutter: 1/3		Dull: FC/BT		Wear: S	Brgs: E	Gge: 0	Pull: BHA						

Comments: Used for circulating.

BHA - No. 40 - 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:	39.5 / 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
Shaker No 1:	200	200	200	200
Shaker No 2:	200	200	200	200
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: 73
<input type="checkbox"/> BOP Test	<input type="checkbox"/> Crownamatic Check	

Weather Information

Sky Condition: Clear	Visibility: 10
Air Temperature: 76 degF	Bar. Pressure: 1008
Wind Speed/Dir: 7 / SSE	Wind Gusts: 10