



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: 13 Report For 06:00 AM 29-Apr-23

Operator: UNIVERSITY OF UTAH	Rig: Frontier 16	Spud Date: 26-Apr-23	Daily Cost / Mud (\$): ---
Measured Depth (ft): 1146	Last Casing: 16.000 at 1,136	Wellbore: Original Wellbore	AFE No. AFE (\$) Actual (\$)
Vertical Depth (ft): 1135	Next Casing:	RKB Elevation (ft): 31	---
Proposed TD (ft):	Last BOP Test: 29-Apr-23	Job Reference RKB (ft):	---
Hole Made (ft) / Hrs: 0 / 0.0	Next BOP Test: 20-May-23	Working Interest:	Totals: ---
Average ROP (ft/hr):			Well Cost (\$): ---

Days (actual / plan): Drilling 0.4 / 0, Flat 0 / 0, Complete 0 / 0, Total 0.4 / 0 DOL: 13

Pers/Hrs: Operator: 3 / 36 Contractor: 14 / 168 Service: 4 / 48 Other: 2 / 24 Total: 23 / 276

Safety Summary: No incidents or events reported. 13 days since LTI. Conducted BOP Test, Crown Check, Safety Meeting.

Current Operations: Drilling out shoe track at 1,136'.

Planned Operations: Drill t/1,156', circulate hole clean, FIT test, trip out of the hole, pick up dir assembly, trip in the hole t/1,156', drill intermediate section.

Toolpusher: Shawn Seddell

Wellsite Supervisors: Leroy Swearingen, Brian Gresham

Tel No.:

Operations Summary

From	To	Elapsed	End MD(ft)	Code	Operations Description	Non-Prod
6:00	14:00	8.00	1,146	BOPO	Nipple up 21 1/4" BOPE, Rotating head, Choke Manifold. Reset catwalk, pick up joint of pipe to test.	
14:00	22:00	8.00	1,146	BOPT	Test rams 250 psi low, 3000 psi high, Test annular 250 psi low, 1,500 psi high. Test all valves and lines on choke manifold 250 psi low, 3000 psi high. Test inner and outer valves on mud cross 250 psi low, 3000 psi high. Test lower Kelly valve 250 psi low, 3000 psi high. Test floor valve 250 psi low, 3000 psi high. Test witnessed by DSM. Note: extended time testing due to multiple leaks and having to retighten flanges.	
22:00	22:30	0.50	1,146	WELLHD	Remove test plug and close casing valve. Install wear bushing, verified by DSM.	
22:30	23:00	0.50	1,146	SERV	Service rig, change out grabber dies on TDS.	
23:00	2:00	3.00	1,146	BHAOP	Make up 14 3/4-inch clean out assembly as follows, 14 3/4-inch Mill tooth bit, BS, 9-8-inch drill collars, 15-HWDP.	
2:00	6:00	4.00	1,146	CMTD	Drilled out shoe track f/1,096' t/1,136', clean out rathole t/1,146'.	

Management Summary

Nipped up 21 1/4-inch BOPE. Tested BOPE. Removed test plug and installed wear bushing. Serviced rig. Made up 14 3/4-inch clean out assembly. Tripped in the hole to 1,094'. Drilled out shoe track t/1,136'. Cleaned out rathole t/1,146'.

Comments

Fuel on hand 16,394 gals.
Fuel used 447 gals.
Total NPT to date 0 HR
Notified SE Office on upcoming BOP test on 4-28-2023.
Ditch magnets installed.

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	J-55	

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-Apr-23 15:00 at Depth 1,146 ft Mud Pits

9.00	38	9	8	8	2	8	5	0	100	0.25		4600	200		4	7	8			
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Mud Consumables

Item Description	Qty.	Cost	Item Description	Qty.	Cost
API Gel - 100#SK	40	---	Bicarb - 50#SK	0	---
Cotton Seed - 50#SK	0	---	Defoam 14 - GALS	0	---
De-MOB - OTHER	1	---	Desco - 25#SK	0	---
DMA/SPA - 50#SK	15	---	Engineering - OTHER	2	---
Lime - 50#SK	0	---	Micro C - 50#SK	0	---
PAC LV - 50#SK	6	---	PAllets/Wraps - OTHER	6	---
PrimeSeal/MaxiSea1117 - 50#SK	0	---	SAPP - 50#SK	0	---
Sawdust - 50#SK	0	---	Soda Ash - 50#SK	3	---
TORKease - GALS	0	---	TORKease Concentrate - GALS	0	---
Walnut - 50#SK	0	---			

Bit/BHA/Workstring Information

No Run	Make	Model	Diam	Depth In	This Run Dist	R.O.P. Hrs	R.O.P. Avg	R.O.P. Max	WOB	RPM	Torque	Mud Wt	Pump Flow	Press	J. Vel	P. Drp	HHP	JIF
2	1	OTHER	XR+C	14.750	1146													
Jets: 24 24 24 14				Out:		Grade: Cutter: /		Dull: /		Wear:		Brgs:		Gge:		Pull:		
BHA - No. 2 - BIT, BS, 9 DC, XO, 15 HWDP = 737.36																		

Rig Information

Equipment Problems:

Location Condition: Good.

Transport:

Solids Control Information

Screen Sizes:	Top	Middle 1	Middle 2	Bottom	Equipment Usage (Hrs):		
Shaker No 1:	120	120	120	120	Desander: 0	Desilter: 0	Degasser: 0
Shaker No 2:	120	120	120	120			
Shaker No 3:	120	120	120	120			

Drill Pipe Inventory

DP Size	Joints	Weight	Grade	Thread	DP Size	Joints	Weight	Grade	Thread
5.5	365	24.7	S-135	OTHER					

Safety Information

Meetings/Drills	Time	Description
Safety	30	Two Pre-tour safety meetings held daily with crews. Review planned operations, Slips, trips and falls. Overhead objects.
First Aid Treatments:	0	Medical Treatments: 0 Lost Time Incidents: 0 Days Since LTI: 13
Accident Description: None.		
<input checked="" type="checkbox"/> BOP Test	<input checked="" type="checkbox"/> Crownamatic Check	

Weather Information

Sky Condition: Sunny	Visibility: 31
Air Temperature: 66 degF	Bar. Pressure: 30.06
Wind Speed/Dir: 10 / S	Wind Gusts: 10