



# 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: 12 Report For 06:00 AM 28-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:		Job Reference RKB (ft):		---	---
Hole Made (ft) / Hrs:	0 / 0.0	Next BOP Test:		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: 12

Pers/Hrs: Operator: 14 / 168 Contractor: 3 / 36 Service: 12 / 144 Other: 2 / 24 Total: 31 / 372

Safety Summary: No incidents or events reported. 12 days since LTI. Conducted Crown Check, Safety Meeting.

Current Operations: Setting in 21 1/4-inch BOPE.

Planned Operations: Nipple up 21 1/4-inch BOPE, Test BOPE. Make up 14 3/4-inch Dir Assembly.

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	8:00	2.00	1,146	CMTP	Fill lines and pressure test t/3,000 psi. Load bottom plug. Pump 10 bbls of CaCl solution ahead, pump 40 bbls of fresh water, pump 10 bbls of Zonelock, pump 10 bbls of fresh water, pump 50 bbls of MudPush Express. Mix and pump 478.2 bbls (1467 sks) of 14.0 ppg Surface Slurry, pumped at an average of 5.5 bbls/min. Drop top plug and displace with 241 bbls of 8.9 ppg mud, bump plug with 1,000 psi, 500 psi over. Increase pressure t/1,500 psi and hold for 30 mins. Bleed back 3.5 bbls and check floats, floats holding. Note: 144 bbls of good cement to surface. Monitored fall back for 30 mins, no fallback cement at surface. Held 30 min casing test at 1,500 psi, casing test good.	
8:00	8:30	0.50	1,146	CMTP	Rig down SLB cement equipment	
8:30	16:30	8.00	1,146	WOC	Wait on cement. Clean out sand trap on pits, Mechanic working on generators, Rig down celler pump and hoses	
16:30	18:00	1.50	1,146	WELLHD	Cut conductor, make rough cut on surface casing, remove conductor and casing, Make final cut on casing.	
18:00	23:00	5.00	1,146	WELLHD	Preheat and install 16-3/4" 3,000 psi wellhead as per Stream Flo procedure. Allow wellhead to cool, test t/1,600 psi, hold for 15 mins, good test. Note: Stream Flo representative present during insulation of wellhead, all guidelines and recommendations followed for install. All test witnessed by DSM.	
23:00	6:00	7.00	1,146	BOPO	Set in 16 3/4-inch 3,000 psi x 21 1/4-inch 3,000 psi DSA, 21 1/4-inch 2,000 psi Spacer Spool, 21 1/4-inch 2,000 psi Mud Cross, 21 1/4-inch 2,000 psi Double Gate, 21 1/4-inch 2,000 psi Annular, 21 1/4-inch 2,000 psi riser w/Rotating Head Assembly.	

### Management Summary

Cemented Surface Casing. Rigged down SLB cements. Waited on cement. Cut conductor and dresses 16" casing. Installed 16-3/4" 3,000 psi wellhead. Installed 21 1/4-inch BOPE.

### Comments

Fuel on hand 16,843 gals.  
Fuel used 520 gals.  
Total NPT to date 0 HR  
Notified SE Office on casing run and cement job on 4-27-2023 @ 08:30 hrs waiting on response.

### 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
27-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			0



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### Rig Information

Equipment Problems: Mechanic on location working on #3 generator.

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, Cementing operations, Setting in 21 1/4-inch BOPE.

First Aid Treatments: 0 Medical Treatments: 0 Lost Time Incidents: 0 Days Since LTI: 12

Accident Description: None

BOP Test  Crownamatic Check

### Weather Information

Sky Condition: Clear	Visibility: 10
Air Temperature: 60 degF	Bar. Pressure: 29.95
Wind Speed/Dir: 5 / SW	Wind Gusts: 8