



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: 86 **Report For 06:00 AM 11-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:** 86

Pers/Hrs: Operator: 2 / 0 Contractor: 14 / 0 Service: 4 / 0 Other: 8 / 0 **Total:** 28 / 0

Safety Summary: No incidents or events reported. 86 days since LTI. Conducted Safety Meeting.

Current Operations: Running 7" casing at 2,202'.

Planned Operations: Continue running 7" casing. Install gauge carrier and third fiber line.

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	11:30	5.50	10,947	CASE	Rig up B&L Casing to run 7" casing. Rig up Baker, Silixa and Shell for fiber optics. Pick up Shoe joint set in table. Hang Baker sheaves from derrick board with 3 fiber optics cables. Pump through float shoe to verify working. Adjust B&L casing tongs. Work on tongs. Tie service loop in derrick due to high winds.	
11:30	15:30	4.00	10,947	CASE	Pick up and run in hole with Shell Termination Sub, Silixa Termination Sub, Float Collar and PetroQuip Landing Profile.	
15:30	16:30	1.00	10,947	CASE	Test fiber optics communication lines. Fill pipe and test float collar.	
16:30	6:00	13.50	10,947	CASE	Run 7" 38# Vam HT casing from 455' to 2,202' as per program. Fill casing and test fiber optics every 10 joints. Used Bestolife casing dope.	

Management Summary

Rigged up B&L Casing to run 7" casing. Rigged up Baker, Silixa and Shell for fiber optics. Picked up Shoe joint and pumped through float shoe to verify working. Picked up and ran in with Shell Termination Sub, Silixa Termination Sub, Float Collar and PetroQuip Landing Profile. Filled pipe and tested float collar and fiber optics communication lines. Ran 7" 38# Vam HT casing from 455' to 2,202' as per program. Filled casing and tested fiber optics every 10 joints.

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
10-Jul-23 15:00 at Depth 10,947 ft Other Location, Type: Low Solids Non-Dispersed																				
8.43	27	1	1	100	0.25	9	0.65					1300	60							

Mud Consumables

Item Description	Qty.	Cost	Item Description	Qty.	Cost
Engineering 1 -	1	---	MDC -	2	---

Miscellaneous Drilling Parameters

Hook Loads (lbs):	Off Bottom Rotate:	Pick Up:	Slack Off:	Drag Avg/Max: /
Hours on BHA:	Since Inspection: 27	Total: 27	Jars: 27	
Hours on Casing/Liner:	Rotating: 64 / 0	Tripping: 126.25 / 0	<input type="checkbox"/> Wear Bushing Installed	

Rig Information

Equipment Problems:
Location Condition:
Transport:



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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 with crews, Shell, Baker, Silixa and FORGE representatives prior to rigging up. 10 minute safety meeting with Frontier crew, Baker, Shell and Silixa prior to picking up casing.

First Aid Treatments: 0 Medical Treatments: 0 Lost Time Incidents: 0 Days Since LTI: 86

BOP Test Crownamatic Check

Weather Information

Sky Condition: Clear	Visibility: 10
Air Temperature: 90 degF	Bar. Pressure: 1007
Wind Speed/Dir: 21 / SSW	Wind Gusts: 30