

**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: 87

Report For 06:00 AM 12-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:	87
Pers/Hrs:	Operator: 2 / 0	Contractor:	14 / 0	Service:	4 / 0	Other:	8 / 0
						Total:	28 / 0
Safety Summary: No incidents or events reported. 87 days since LTI. Conducted Safety Meeting.							
Current Operations: Running 7" casing at 7,453'.							
Planned Operations: Finish running 7" casing. Install liner hanger and landing joint. Land casing. Circulate and cement.							
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	12:45	6.75	10,947	CASE	Run 7" 38# Vam HT casing from 2,202' to 3,148' as per program. Fill casing and test fiber optics every 10 joints.	
12:45	15:30	2.75	10,947	CASE	Make up gauge carrier sub, install fiber optics line and test. Test failed. Tighten all fittings and test again. Test failed. Change fitting on bottom of fiber line and retest. Test passed.	
15:30	18:00	2.50	10,947	CASE	Run 7" 38# Vam HT casing from 3,148' to 3,770' as per program (77 total joints run). Fill casing and test fiber optics every 10 joints.	
18:00	1:00	7.00	10,947	CASE	Run 7" 38# Vam HT casing from 3,770' to 6,095' as per program (127 total joints run). Fill casing and test fiber optics every 10 joints.	
1:00	2:00	1.00	10,947	CASE	Troubleshoot jumper wire on Baker reel. Replace jumper wire.	
2:00	5:00	3.00	10,947	CASE	Run 7" 38# Vam HT casing from 6,095' to 7,033' as per program (147 total joints run). Fill casing and test fiber optics every 10 joints.	
5:00	6:00	1.00	10,947	CASE	Run 7" 38# Vam HT casing from 7,033' to 7,453' as per program (156 total joints run). Fill casing every 20 joints. No fiber optics testing.	

**Management Summary**

Ran 7" 38# Vam HT casing from 2,202' to 3,148' as per program. Made up gauge carrier sub, install fiber optics line and tested. Continued running 7" from 3,148' to 7,453 as per program. Filled casing and tested fiber optics every 10 joints. 156 total joints run.

**Comments**

Fuel on hand 10,261 gals.  
 Fuel used 955 gals.  
 Temp in F  
 Temp out F  
 Total NPT to date 122.50 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	
11-Jul-23 15:00 at Depth 10,947 ft Other Location, Type: Low Solids Non-Dispersed																					
8.43	27	1	1	100	0.25	8.7	0.65					1450	50								

**Mud Consumables**

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



# 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: 87

Report For 06:00 AM 12-Jul-23

## Miscellaneous Drilling Parameters

Hook Loads (lbs):	Off Bottom Rotate:	Pick Up:	Slack Off:	Drag Avg/Max:	/	
Hours on BHA:	Since Inspection:	0	Total:	0	Jars:	0
Hours on Casing/Liner:	Rotating:	0 / 0	Tripping:	144.25 / 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
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
3.5	30	15.5	S-135	3.5IF					

## Safety Information

Meetings/Drills		Time	Description					
Safety		30	Two Pre-tour safety meetings with crews,					
First Aid Treatments:		0	Medical Treatments:	0	Lost Time Incidents:	0	Days Since LTI:	87
<input type="checkbox"/>	BOP Test		<input type="checkbox"/>	Crownamatic Check				

## Weather Information

Sky Condition:	Clear	Visibility:	10
Air Temperature:	90 degF	Bar. Pressure:	1012
Wind Speed/Dir:	14 / SSW	Wind Gusts:	20