

**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: 78

Report For 06:00 AM 03-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: 78

Pers/Hrs: Operator: 1 / 0 Contractor: 14 / 0 Service: 8 / 0 Other: 4 / 0 Total: 27 / 0

Safety Summary: No incidents or events reported. 78 days since LTI. Conducted Safety Meeting.

Current Operations: Slip and cutting drill line.

Planned Operations: Continue tripping in the hole to +/- 9,000'. Ream 9-1/2" hole from 9,000' to 10,300'. Pull out of the hole for Circulation Test.

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	13:00	7.00	10,947	LOG	Running RCX tool on wireline. Perform mini-frac testing. 5,201', 5,495', 5,658', 5,980', 5,918', 5,639', 5,617'.	
13:00	15:30	2.50	10,947	LOG	Troubleshoot tool. Cannot inflate packers on new test depth. Pull out of hole, break down RCX tools. Packer rubber was torn.	
15:30	1:00	9.50	10,947	LOG	Make up CBIL/XMAC/STAR/GR tool. Run in on wireline. Log from 4,836' down to 6,120' and log up to 4,836'. Repeat 200'. Lay down logging tools.	
1:00	3:00	2.00	10,947	BHAOP	Make up and run in hole with new 9-1/2" insert bit and clean out BHA.	
3:00	5:00	2.00	10,947	TRPI	Trip in the hole from 1,147' to 4,843'.	
5:00	6:00	1.00	10,947	CUTDL	Slip and cut 70' of drill line.	

Management Summary

Ran RCX tool on wireline. Performed mini-frac testing. Troubleshoot tool. Could not inflate packers on new test depth. Pulled out of hole. Laid down RCX tools. Packer rubber torn. Made up CBIL/XMAC/STAR/GR tool. Ran in hole on wireline. Logged from 4,836' to 6,120' and back up to 4,836'. Pulled out of the hole. Laid down logging tools. Made up and ran in hole with 9-1/2" insert bit and clean out BHA #42 to 4,843'. Slipped and cut drill line.

Comments

Fuel on hand 17,296 gals.
Fuel used 618 gals.
Temp in * F
Temp out * 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	
02-Jul-23 11:00 at Depth 10,947 ft Other Location, Type: Low Solids Non-Dispersed																					
8.40	27					9.2	0.65		95			350									

Mud Consumables

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



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Bit/BHA/Workstring Information

No	Run	Make	Model	Diam	Depth In	This Run		R.O.P.		WOB	RPM	Torque	Wt	Flow	Mud Pump		J. Vel	P. Drp	HHP	JIF
						Dist	Hrs	Avg	Max						Press					

33	1	SANJOAQ	SS617PS	9.500	10947	0	0	0.0	0.0	0	0	0	8	400	300	97	71	16	168
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Jets: 24 24 24 Out: Grade: Cutter: / Dull: / Wear: Brgs: Gge: Pull:

Comments: Ream and clean out

BHA - No. 42 - BIT, BS, STAB, DC, STAB, OTHER, XO, HWDP, XO, STAB, XO, 15 HWDP, JAR, 18 HWDP = 1147.15

Miscellaneous Drilling Parameters

Hook Loads (lbs): Off Bottom Rotate: Pick Up: Slack Off: Drag Avg/Max: /

Hours on Casing/Liner: Rotating: 35 / 0 Tripping: 64.5 / 0 ☒ 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
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Safety	30	Two Pre-tour safety meetings held daily with crews.
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First Aid Treatments: 0 Medical Treatments: 0 Lost Time Incidents: 0 Days Since LTI: 78

☐ BOP Test ☐ Crownamatic Check

Weather Information

Sky Condition: Clear	Visibility: 10
Air Temperature: 91 degF	Bar. Pressure: 1014
Wind Speed/Dir: 3 / SW	Wind Gusts: 5