



Daily Drilling Report

Well ID: 16A(78)-32-STIM1

Field: FORGE

Utah FORGE

Well Name: 16A(78)-32-STIM1

County: Beaver State: UT Country: United States

Report No: 6

Report For 06:00 AM 19-Apr-22

Operator:	Utah FORGE	Rig:	Frontier 28	Spud Date:	12-Apr-22	Daily Cost / Mud (\$):	---
Measured Depth (ft):	10987.0	Last Casing:		Wellbore:	Original Wellbore	AFE No.	AFE (\$) Actual (\$)
Vertical Depth (ft):	8540.0	Next Casing:		RKB Elevation (ft):		---	---
Proposed TD (ft):		Last BOP Test:		Job Reference RKB (ft):		---	---
Hole Made (ft) / Hrs:	0.0 / 0.0	Next BOP Test:		Working Interest:		Totals:	---
Average ROP (ft/hr):						Well Cost (\$):	---
Drilling Days (act./plan):	4/0	Flat Days (act./plan):	2/0	Total Days (act./plan):	6/0	Days On Location:	9
Pers/Hrs: Operator:	6 / 72	Contractor:	12 / 144	Service:	26 / 350	Other:	5 / 50 Total: 49 / 616

Safety Summary: No incidents or events reported. Conducted Safety Meeting.

Current Operations: Tripping in hole with 7" Retrievable Bridge Plug T/4797'.

Planned Operations: Set bridge plug at 10,470'. Run in hole with perf guns and perforate 7" casing F/10,225' T/10,245'.

Toolpusher: Allen Nelson

Wellsite Supervisors: Randy Baldwin

Tel No.:

Operations Summary

From	To	Elapsed	End MD(ft)	Code	Operations Description	Non-Prod
6:00	7:00	1.00	10,987.0	TRPO	Finished tripping out of the hole with perf guns F/1,800' to surface. Filled hole. Verified shots fired. Laid down guns.	
7:00	14:00	7.00	10,987.0	STIM	Lined up valves to Liberty. Began pumping at 5 bpm with a max pressure of 6,817 psi with a 3 mins shut in during the 5 bpm stage. ISIP was 6583 psi. Brought pumps back up to 5 bpm and increased rate in 5 bpm increments every 10 minutes up to a rate of 35 bpm and held rate for 20 minutes with a pressure of 6,130 psi. Performed hard shut down for 5 minutes. ISIP 4,493 psi. Brought pumps back on line to 35 bpm at 5,790 psi. Dropped rate to 20 bpm at a pressure of 5,070 psi for 5 minutes. Decreased rate in 5 bpm increments for 5 minutes at each rate and the shut down pumps. ISIP was 3,886 psi. The total volume of fresh water containing friction reducer pumped was 2,777 bbls. Monitored pressure until 14:00.	
14:00	2:00	12.00	10,987.0	FLOWBK	Closed blind rams. Lined up valves to muffler. Opened throttle valve to flow back at 186 gpm. At 15:10 throttle valve 100% opened. Total flowback was 1266 bbls. Max temp out was 205 deg F.	
2:00	3:00	1.00	10,987.0	BHAOP	Made up Retrievable Bridge Plug assembly as follows: HPHT Bridge Plug. Setting Kit. HRT Hydraulic Setting tool. XO.	
3:00	6:00	3.00	10,987.0	TRPI	Trip in the hole F/25' T/4797'. Filling pipe every 1,500'.	

Management Summary

Finished tripping out of the hole with perf guns. Began pumping at 5 bpm with a max pressure of 6,817 psi and shut in with ISIP of 6,583 psi. Increased rate in 5 bpm increments every 10 minutes up to a rate of 35 bpm with a pressure of 6,130 psi. Performed hard shut down. ISIP 4,493 psi. Brought pumps back on line to 35 bpm at 5,790 psi. Dropped rate to 20 bpm at a pressure of 5,070 psi and decreased rate in 5 bpm increments for 5 minutes at each rate and the shut down pumps. ISIP was 3,886 psi. The total volume of fresh water containing friction reducer pumped was 2,777 bbls. Monitored pressure until 14:00. Opened throttle valve to flow back at 186 gpm. At 15:10 throttle valve 100% opened. Flowed back for 13 hours. Total flowback was 1266 bbls. Max temp out was 205 deg F. Tripped in the hole with 7" retrievable bridge plug T/4797'.

Comments

Fuel on hand 7585 gals.
Total NPT to date 13.5 HRS

Bit/BHA/Workstring Information

BHA - No. 4 - OTHER, XO = 23.50

Rig Information

Equipment Problems:

Location Condition:

Transport:

Drill Pipe Inventory

DP Size	Joints	Weight	Grade	Thread	DP Size	Joints	Weight	Grade	Thread
3.500	370	13.3	S-135	3.5IF					



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Safety Information

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

Weather Information

Sky Condition:	Partly Cloudy	Visibility:	7
Air Temperature:	75 degF	Bar. Pressure:	
Wind Speed/Dir:	29 / SSW	Wind Gusts:	50