



# 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: 8

Report For 06:00 AM 21-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 (\$)
Vertical Depth (ft):	8540.0	Next Casing:		RKB Elevation (ft):			Actual (\$)
Proposed TD (ft):		Last BOP Test:		Job Reference RKB (ft):		---	---
Hole Made (ft) / Hrs:	0.0 / 0.0	Next BOP Test:		Working Interest:		---	---
Average ROP (ft/hr):						Totals:	---
Drilling Days (act./plan):	6/0	Flat Days (act./plan):	2/0	Total Days (act./plan):	8/0	Well Cost (\$):	---
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:** Making up bridge plug retrieving tool.

**Planned Operations:** Trip in hole and retrieve bridge plugs.

**Toolpusher:** Allen Nelson

**Wellsite Supervisors:** Randy Baldwin

Tel No.:

## Operations Summary

From	To	Elapsed	End MD(ft)	Code	Operations Description	Non-Prod
6:00	14:45	8.75	10,987.0	STIM	PJSM. Lined up valves to Liberty. Pumped as follows: Began pumping slick water at 5 bpm until it started breaking down, then switched to cross-linked polymer gel. Max pressure of 7,229 psi. Increased rate to 10 bpm and added .5 lb/gal Micro-Proppant. Increased rate to 15 bpm with .5 lb/gal Micro-Proppant. Increased rate to 20 bpm with .5 lb/gal Micro-Proppant. Increased rate to 25 bpm with .75 lb/gal Micro-Proppant. Increased rate to 30 bpm with .75 lb/gal Micro-Proppant. Increased rate to 35 bpm. Cut off Micro-Proppant. Decreased rate to 20 bpm and switched to slick water. Decreased rate in 5 bpm increments for 5 minutes at each rate and then shut down pumps. ISIP was 3,660 psi. The total volume pumped was 3,016 bbls. Monitored shut in wellhead pressure until 1445. Final WHP at 1445 was 2,491 psi.	
14:45	6:00	15.25	10,987.0	FLOWBK	Began flowing back well. Started at 150 gals/min. Throttle valve 100% opened after 5 minutes. Initial 2,491 psi at wellhead. Total fluid flowed back 1,123 bbls at report time. Max surface temp 198 deg F.	

## Management Summary

Performed Stimulation Job #3 from 5 to 35 bpm using slick water and cross-linked polymer gel and Micro-Proppant. Flushed with slick water. Max pressure was 7,229 psi. ISIP was 3,660 psi.

Flowed back well.

Started at 150 gals/min. Throttle valve 100% opened after 5 minutes.

Initial 2,491 psi at Wellhead.

Total fluid flowed back 1,123 bbls..

Max surface temp 198 deg F.

## Comments

Fuel on hand 6300 gals.

Total NPT to date 13.5 HRS

## Bit/BHA/Workstring Information

BHA - No. 6 - OTHER, XO = 23.85

## 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
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Safety	30	Pre-tour safety meetings with both crews. PJSM for Stimulation job.
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First Aid Treatments:	Medical Treatments:	Lost Time Incidents:	Days Since LTI:
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<input type="checkbox"/> BOP Test	<input type="checkbox"/> Crownamatic Check
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### Weather Information

Sky Condition:	Clear	Visibility:	10
Air Temperature:	70 degF	Bar. Pressure:	
Wind Speed/Dir:	45 / S	Wind Gusts:	60