

**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: 3

Report For 06:00 AM 16-Apr-22

Operator:	Utah FORGE	Rig:	Frontier 28	Spud Date:	12-Apr-22	Daily Cost / Mud (\$):	---	
Measured Depth (ft):	10987	Last Casing:		Wellbore:	Original Wellbore	AFE No.	AFE (\$)	Actual (\$)
Vertical Depth (ft):	8540	Next Casing:		RKB Elevation (ft):		---	---	---
Proposed TD (ft):		Last BOP Test:		Job Reference RKB (ft):		---	---	---
Hole Made (ft) / Hrs:	0 / 0.0	Next BOP Test:		Working Interest:		Totals:	---	---
Average ROP (ft/hr):						Well Cost (\$):	---	---
Drilling Days (act./plan):	1/0	Flat Days (act./plan):	2/0	Total Days (act./plan):	3/0	Days On Location:		6
Pers/Hrs: Operator:	6 / 72	Contractor:	12 / 112	Service:	26 / 350	Other:	5 / 50	Total: 49 / 584

Safety Summary: No incidents or events reported. Conducted Crown Check, Safety Meeting.**Current Operations:** Bleeding well back at 4 bbls/min.**Planned Operations:** Flow back well at 4 bbls/min, catching samples for analysis of tracer.**Toolpusher:** Allen Nelson**Wellsite Supervisors:** Brian Gresham

Tel No.:

Operations Summary

From	To	Elapsed	End MD(ft)	Code	Operations Description	Non-Prod
6:00	9:30	3.50	10,987	TRPI	Trip in the hole F/2,000' T/10,826'. Worked pipe F/4,847' T/4,887' to locate 15' pup in 7" casing string with mechanical CCL to correlate depth.	
9:30	10:00	0.50	10,987	CIRC	Break circulation. Work pipe F/10,720' T/10,740' to locate float collar in 7" casing string with mechanical CCL to correlate depth. Position 2' 3 1/8" gun w/6 shots per/ft at 10,826'. Drop activation ball down string.	
10:00	12:00	2.00	10,987	PERF	PJSM (pre-job safety meeting) with FORGE DSM and Frontier Drilling personnel. Rig up MTS pump unit to rig standpipe, close 2" valve at rig floor and surface test lines to 3000 psi, good test. Close Pipe Rams. Begin pumping down string at 2.5 bbls/min. Pumped a total of 35.2 bbls, seated ball. Pressured up to 3,750 psi and fired gun. Gun consisted of 21-gram Hero charges at 60° phasing (6 shots per foot).	
12:00	17:30	5.50	10,987	TRPO	Pull out of the hole F/10,826' T/surface with no issues. Filling hole every 3,000'.	
17:30	18:00	0.50	10,987	BHAOP	PJSM (pre-job safety meeting) with FORGE DSM and Frontier Drilling personnel. Lay out mechanical CCL along with 3 1/8" gun and verified shots fired.	
18:00	23:30	5.50	10,987	STIM	Begin pumping with MTS at an average of 0.36 bbls/min for a total of 52 bbls with a final pressure of 3,216 psi. Shut down and monitor pressure for 1 hour. Final pressure 2,692 psi. Isolate MTS pump truck. Swapped valves to Liberty and start first stage frac. Begin pumping with Liberty at 5 bpm at a pressure of 3,600 psi. Increased rate in 5 bpm increments up to a rate of 50 bpm and held rate for 35 minutes with a pressure of 6,000 psi. Dropped rate to 25 bpm at a pressure of 5,270 psi and then decreased rate in 5 bpm increments for 5 minutes at each rate and the shut down pumps. ISIP was 4,019 psi and the 15-minute shut-in pressure was 3,501 psi. The total volume of fresh water containing friction reducer pumped was 4,261 bbl.	
23:30	3:30	4.00	10,987	OTHER	Shut in and monitor well. Shut in pressure at 23:30 HRS 3,501 psi.	
3:30	6:00	2.50	10,987	FLOWBK	Begin flowing back well. Flow well back at 4 bbls/min. Initial 2,701 psi at Wellhead. Total fluid flowed back 564 bbls at report time. Max surface temp 214 deg F.	

Management Summary

Tripped in the hole F/2,000 T/10,826'. Rigged up MTS pump unit to rig standpipe. Begin pumping down string at 2.5 bbls/min. Pumped a total of 35.2 bbls, seated ball. Pressured up to 3,750 psi and fired gun. Gun consisted of 21-gram Hero charges at 60° phasing (6 shots per foot). Pulled out of the hole F/10,826' T/surface. Laid out mechanical CCL along with 3 1/8" gun. Begin pumping with MTS at an average of 0.36 bbls/min for a total of 52 bbls. Shut down and monitored pressure for 1 hour. Begin pumping with Liberty at 5 bpm at a pressure of 3,600 psi. Increased rate in 5 bpm increments up to a rate of 50 bpm and held rate for 35 minutes with a pressure of 6,000 psi. Dropped rate to 25 bpm at a pressure of 5,270 psi and then decreased rate in 5 bpm increments for 5 minutes at each rate and the shut down pumps. ISIP was 4,019 psi and the 15-minute shut-in pressure was 3,501 psi. The total volume of fresh water containing friction reducer pumped was 4,261 bbl. Shut in and monitor well.

Comments

Fuel on hand @ Midnight 8668 Gals.
Total hours of NPT to date 7.5 HRS

Bit/BHA/Workstring Information

BHA - No. 2 - OTHER, XO, 2 DP, XO, OTHER, XO = 71.55



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Safety Information

Meetings/Drills	Time	Description
Safety	30	Pre-Tour/ Pre-job w/MTS. Pre-job w/Liberty

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

Accident Description: None to report.

BOP Test Crownamatic Check

Weather Information

Sky Condition: Partly Cloudy	Visibility: 10
Air Temperature: 55.0 degC	Bar. Pressure: 29.92
Wind Speed/Dir: 20 / SE	Wind Gusts: 25