



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: 7

Report For 06:00 AM 20-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): | 5/0 | Flat Days (act./plan): | 2/0 | Total Days (act./plan): | 7/0 | Days On Location: | 10 |
| 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: Preparing for stimulation Job No 3.

Planned Operations: Perform fracture stimulation treatment No 3.

Toolpusher: Allen Nelson

Wellsite Supervisors: Randy Baldwin

Tel No.:

Operations Summary

| From | To | Elapsed | End MD(ft) | Code | Operations Description | Non-Prod |
|-------|-------|---------|------------|-------|--|----------|
| 6:00 | 10:00 | 4.00 | 10,987.0 | TRPI | Tripped in the hole with 7" retrievable bridge plug F/4797' T/10,478'. Middle of element 10,470'. Top of bridge plug 10,466'. Filled pipe every 1,500'. | |
| 10:00 | 11:00 | 1.00 | 10,987.0 | CIRC | PJSM with FORGE DSM, MTS and Frontier Drilling personnel. Began pumping down string at 2.5 bbls/min. Pumped a total of 21 bbls. Seated ball. Pressured up to 1527 psi. Sheared off of plug. Pressure dropped to 0. Slack off onto plug 15k. No movement. Pulled up and close pipe rams and flow valve. Pressure tested bridge plug to 4960 psi for 15 minutes. Good test. Bleed off pressure and opened pipe rams. | |
| 11:00 | 17:15 | 6.25 | 10,987.0 | TRPO | Tripped out of the hole F/10,466' to surface. Laid down setting tool. | |
| 17:15 | 18:00 | 0.75 | 10,987.0 | TEST | PJSM with Liberty. Tested bridge plug to 6,800 psi. Good test. Bled off. | |
| 18:00 | 18:30 | 0.50 | 10,987.0 | BHAOP | Made up perf guns as follows: Perf guns with 2.23' to top perf, 20' of shots, .83' to bull nose. XO. | |
| 18:30 | 23:30 | 5.00 | 10,987.0 | TRPI | Trip in hole T/10,140'. Circulated bottoms up at 5,240'. Max Temp out 99 deg F. | |
| 23:30 | 0:00 | 0.50 | 10,987.0 | OTHER | PJSM with Forge DSM, MTS and Frontier. Rigged up MTS pump unit to rig standpipe. Dropped ball. Began circulating at 2 bbls/min to pump ball down. Seated ball. Pressured up to 2173 psi and fired guns. Pumped a total of 34 bbls. Guns consisted of 21-gram Hero charges at 60° phasing (6 shots per foot). Perfs are F/10,120' T/10,140'. | |
| 0:00 | 4:30 | 4.50 | 10,987.0 | TRPO | Tripped out of hole F/10,140' T/surface. Filled hole every 3,000'. Laid down guns. | |
| 4:30 | 6:00 | 1.50 | 10,987.0 | STIM | Closed in crown valve and flow valve. Preparing for Stimulation job No.3. | |

Management Summary

Tripped in the hole with 7" retrievable bridge plug F/4,797' T/10,470. Pumped 21 bbls. Seated ball. Pressured up to 1,527 psi. Sheared off of plug. Slack off onto plug 15k. No movement. Pulled up and pressure tested bridge plug to 4,960 psi. Good test. Middle of element 10,470'. Top of bridge plug 10,466'. Tripped out of the hole. Laid down setting tool. Tested bridge plug to 6800 psi. Good test.. Tripped in hole to 10,140' with 20' of perf guns. Dropped ball and circulating at 2 bbls/min. Seated ball. Pressured up to 2173 psi and fired guns. Pumped a total of 34 bbls. Guns consisted of 21-gram Hero charges at 60° phasing (6 shots per foot). Perfs are F/10,120' T/10,140'. Tripped out of hole F/10,140' T/surface. Laid down guns. Closed crown valve and flow line valve.

Comments

Fuel on hand 7,151 gals.
Total NPT to date 13.5 HRS

Bit/BHA/Workstring Information

BHA - No. 5 - , XO = 25.00

Rig Information

Equipment Problems:

Location Condition:

Transport:



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Drill Pipe Inventory

| DP Size | Joints | Weight | Grade | Thread | DP Size | Joints | Weight | Grade | Thread |
|---------|--------|--------|-------|--------|---------|--------|--------|-------|--------|
| 3.500 | 370 | 13.3 | S-135 | 3.51F | | | | | |

Safety Information

| Meetings/Drills | Time | Description |
|-----------------|------|-------------|
|-----------------|------|-------------|

| | | |
|--------|----|--|
| Safety | 30 | Pre-tour safety meetings with both crews. PJSM with MTS and Liberty for setting bridge plug. |
|--------|----|--|

| | | | |
|-----------------------|---------------------|----------------------|-----------------|
| 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: | Clear | Visibility: | 14 |
| Air Temperature: | 72 degF | Bar. Pressure: | |
| Wind Speed/Dir: | 5 / SSW | Wind Gusts: | 20 |