

**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: 90

Report For 06:00 AM 15-Jul-23

| | | | | | | | | | |
|--|------------------------|--|-----------------------|------------------------------------|---------------|-----------------------------------|--------|-----------------|--------------------|
| Operator: UNIVERSITY OF UTAH | | Rig: Frontier 16 | | Spud Date: 26-Apr-23 | | Daily Cost / Mud (\$): --- | | | |
| Measured Depth (ft): 10947 | | Last Casing: 7.000 at 10,208 | | Wellbore: Original Wellbore | | AFE No. | | AFE (\$) | Actual (\$) |
| Vertical Depth (ft): 8357 | | Next Casing: | | 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: | 90 |
| Pers/Hrs: | Operator: 2 / 0 | Contractor: 14 / 0 | Service: 4 / 0 | Other: 8 / 0 | Total: | | 28 / 0 | | |
| Safety Summary: No incidents or events reported. 90 days since LTI. Conducted Safety Meeting. | | | | | | | | | |
| Current Operations: | | Rigging up to test 7-1/16" BOPs. | | | | | | | |
| Planned Operations: | | Test BOPs. Pick up 5-1/2" bit and BHA. Trip in hole, picking up drill pipe. Drill out shoe track and bentonite plug. | | | | | | | |
| Toolpusher: | | Shawn Seddell, Clay Nielson | | | | | | | |
| Wellsite Supervisors: | | Leroy Swearingen , Randy Baldwin | | | | Tel No.: | | | |

Operations Summary

| From | To | Elapsed | End MD(ft) | Code | Operations Description | Non-Prod |
|-------|-------|---------|------------|--------|---|----------|
| 6:00 | 10:00 | 4.00 | 10,947 | WOC | Move Shell connex in place. Gather rental equipment for return. Clean floor. | |
| 10:00 | 11:00 | 1.00 | 10,947 | WOC | Rig down SLB cement equipment, remove cement head. Load on trucks. | |
| 11:00 | 11:30 | 0.50 | 10,947 | BOPO | Lay down landing joint. Remove mousehole, unflange flowline, remove turnbuckles. | |
| 11:30 | 12:00 | 0.50 | 10,947 | WELLHD | Install Streamflo back pressure valve. | |
| 12:00 | 15:00 | 3.00 | 10,947 | BOPO | Unbolt rotating head and raise. Pull fiber lines through and remove. Unbolt annular preventer and raise. Pull fiber lines through and remove. Unbolt double gate and raise. Pull fiber lines through and remove. Unbolt mud cross and raise. Pull fiber lines through and remove. | |
| 15:00 | 18:00 | 3.00 | 10,947 | BOPO | Pull fiber lines through ports on packoff flange and set down on lower wellhead. Insert packoff and set master valve onto packoff flange. Tighten down master valve onto packoff flange. | |
| 18:00 | 21:30 | 3.50 | 10,947 | BOPO | Terminate fiber optics. Test seal on hanger neck to 5,000 psi 15 mins. Test packoff body to 5,000 psi 15 mins. | |
| 21:30 | 4:00 | 6.50 | 10,947 | BOPO | Install 7-1/16" 10,000 psi BOPs consisting of mud cross, doublegate, spacer spools, rotating head and accumulator hoses. Function test BOPs. Install flowline, kill line, fill up line and turnbuckles. | |
| 4:00 | 5:30 | 1.50 | 10,947 | OTHER | Set in catwalk. Install mousehole. Lay down pick up lines. Install ST-80. | |
| 5:30 | 6:00 | 0.50 | 10,947 | BOPT | Remove back pressure valve. Install 2 way check. | |

Management Summary

Rigged down SLB cement head and equipment. Laid down landing joint. Removed mousehole and turnbuckles. Disconnected flowline. Installed Streamflo back pressure valve. Remove rotating head, annular, doublegate and mudcross pulling fiber optics lines through each piece. Pulled fiber optic lines through ports on packoff flange and sat down on lower wellhead. Inserted packoff and installed master valve. Terminated fiber optics and tested packoff. Installed 7-1/16" 10,000 psi mud cross, doublegate, spacer spools, rotating head and accumulator hoses. Function test BOPs. Install flowline, kill line, fill up line and turnbuckles. Removed back pressure valve. Installed 2 way check.

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 | |
| LINER | 7.000 | 7 | 0 | 10,208 | 8,061 | INT2 | 9.500 | 38 | VSTP110M | |

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 | | |
| 14-Jul-23 10:00 at Depth 10,947 ft Other Location, Type: Low Solids Non-Dispersed | | | | | | | | | | | | | | | | | | | | | | |
| 8.40 | 27 | | | | | 8.5 | 0.65 | | 99 | | | 2000 | | | | | | | | | | |

Mud Consumables

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



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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

3.5 30 15.5 S-135 3.5IF

Safety Information

Meetings/Drills Time Description

Safety 30 Two Pre-tour safety meetings with crews,

First Aid Treatments: 0 Medical Treatments: 0 Lost Time Incidents: 0 Days Since LTI: 90

☐ BOP Test ☐ Crownamatic Check

Weather Information

Sky Condition: Clear Visibility: 10

Air Temperature: 78 degF Bar. Pressure: 1010

Wind Speed/Dir: 17 / WNW Wind Gusts: 20