



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: 68 Report For 06:00 AM 23-Jun-23

| | | | | | | | |
|-----------------------|--------------------|----------------|-----------------|-------------------------|-------------------|------------------------|----------------------|
| Operator: | UNIVERSITY OF UTAH | Rig: | Frontier 16 | Spud Date: | 26-Apr-23 | Daily Cost / Mud (\$): | --- |
| Measured Depth (ft): | 10947 | Last Casing: | 11.750 at 4,837 | Wellbore: | Original Wellbore | AFE No. | AFE (\$) Actual (\$) |
| Vertical Depth (ft): | 8357 | Next Casing: | 7.000 at 10,159 | 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: 68

Pers/Hrs: Operator: 3 / 36 Contractor: 14 / 168 Service: 6 / 72 Other: 3 / 36 Total: 26 / 312

Safety Summary: No incidents or events reported. 68 days since LTI. Conducted Crown Check, Safety Meeting.

Current Operations: Circulating at 9,143' to cool wellbore.

Planned Operations: Circulate to cool wellbore, pull out of the hole, rig up to run baker conveyed tools.

Toolpusher: Shawn Seddell, Clay Nielson

Wellsite Supervisors: Leroy Swearingen, Brian Gresham Tel No.:

Operations Summary

| From | To | Elapsed | End MD(ft) | Code | Operations Description | Non-Prod |
|-------|-------|---------|------------|------|---|----------|
| 6:00 | 9:30 | 3.50 | 10,947 | CIRC | Circulate to cool hole for gyro survey and Baker/Battelle tools at 10,494' MD. | |
| 9:30 | 11:30 | 2.00 | 10,947 | LOG | Rig up SDI for gyro. HSM with SDI, Frontier Drilling and FORGE personnel. | |
| 11:30 | 19:00 | 7.50 | 10,947 | LOG | RIH with gyro to 10,415'. Survey out of hole from 10,415' to 5,555'. Pull gyro to surface, rig down same. | |
| 19:00 | 20:30 | 1.50 | 10,947 | TRPO | Pull out of the hole from 10,442' to 9,143', max overpull 230k, | |
| 20:30 | 6:00 | 9.50 | 10,947 | CIRC | Circulate to cool wellbore at 9,143' prior to running Baker pipe conveyed logging tools. | |

Management Summary

Circulated to cool hole for gyro survey and Baker/Battelle tools at 10,494' MD. Rigged up SDI for gyro. Ran in the hole with gyro to 10,415'. Surveyed out of the hole from 10,415' to 5,555'. Pulled gyro to surface, rigged down same. Pulled out of the hole from 10,442' to 9,143'. Circulated to cool wellbore at 9,143' prior to running Baker pipe conveyed logging tools.

Comments

Fuel on hand 12,764 gals.
Fuel used 3,195 gals.
Total NPT to date 121.50 HR.
No H2S today.

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 | |

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 |
| 22-Jun-23 08:00 at Depth 10,947 ft Other Location, Type: Low Solids Non-Dispersed | | | | | | | | | | | | | | | | | | | | |
| 8.40 | 27 | | | | | 9.9 | 0.65 | | 99.5 | | | 350 | | | | | | | | |

Mud Consumables

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

Bit/BHA/Workstring Information

BHA - No. 39 - OTHER, BS, STAB, DC, STAB, OTHER, STAB, XO, HWDP, XO, STAB, XO, 9 HWDP, XO, STAB, XO, 15 HWDP, JAR, 9 HWDP = 1157.13

Miscellaneous Drilling Parameters

| | | | | | | | | | |
|------------------------|--------------------|---------|-----------|-------|---|-----|---------------|-----------|--|
| Hook Loads (lbs): | Off Bottom Rotate: | 320 | Pick Up: | 550 | Slack Off: | 175 | Drag Avg/Max: | 175 / 225 | |
| Hours on Casing/Liner: | Rotating: | 35 / 16 | Tripping: | 7 / 2 | <input type="checkbox"/> Wear Bushing Installed | | | | |



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Field: FORGE

University of Utah

Well Name: FORGE 16B(78)-32

Sect: 32 Town: 26S Rng: 9W County: BEAVER State: UT

Report No: 68

Report For 06:00 AM 23-Jun-23

Rig Information

Equipment Problems: Replaced fan motor on mud cooler, all coolers online.

Location Condition: Good.

Transport:

Solids Control Information

| Screen Sizes: | Top | Middle 1 | Middle 2 | Bottom | Equipment Usage (Hrs): | | |
|---------------|-----|----------|----------|--------|-----------------------------------|-------------|-----------------------------------|
| Shaker No 1: | 170 | 170 | 200 | 170 | Desander: 0 | Desilter: 0 | Degasser: 0 |
| Shaker No 2: | 170 | 170 | 200 | 170 | Centrifuge 1: 12 (Solids Removal) | | Centrifuge 2: 12 (Solids Removal) |
| Shaker No 3: | 170 | 170 | 200 | 170 | | | |

Drill Pipe Inventory

| DP Size | Joints | Weight | Grade | Thread | DP Size | Joints | Weight | Grade | Thread |
|---------|--------|--------|-------|--------|---------|--------|--------|-------|--------|
| 5.5" | 365 | 24.7 | S-135 | 5.5FH | 5.5 | 30 | 71.0 | S-135 | 5.5FH |
| 5.5 | 20 | 54.0 | S-135 | 5.5FH | | | | | |

Safety Information

| Meetings/Drills | Time | Description |
|-----------------|------|--|
| Safety | 30 | Two Pre-tour safety meetings held daily with crew. HSM w/ SDI, Frontier Drilling and FORGE prior to running gyro survey. |

First Aid Treatments: 0 Medical Treatments: 0 Lost Time Incidents: 0 Days Since LTI: 68

Accident Description: None to report.

BOP Test Crownamatic Check

Weather Information

| | |
|--------------------------|---------------------|
| Sky Condition: Clear | Visibility: 10 |
| Air Temperature: 82 degF | Bar. Pressure: 1008 |
| Wind Speed/Dir: 10 / SSW | Wind Gusts: 20 |