



# 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: 86

Report For 06:00 AM 11-Jul-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: 86

Pers/Hrs: Operator: 2 / 0 Contractor: 14 / 0 Service: 4 / 0 Other: 8 / 0 Total: 28 / 0

Safety Summary: No incidents or events reported. 86 days since LTI. Conducted Safety Meeting.

Current Operations: Running 7" casing at 2,202'.

Planned Operations: Continue running 7" casing. Install gauge carrier and third fiber line.

Toolpusher: Steve King, Jason Postma

Wellsite Supervisors: Leroy Swearingen, Randy Baldwin

Tel No.:

## Operations Summary

| From  | To    | Elapsed | End MD(ft) | Code | Operations Description  | Non-Prod |
|-------|-------|---------|------------|------|---|----------|
| 6:00  | 11:30 | 5.50    | 10,947     | CASE | Rig up B&L Casing to run 7" casing. Rig up Baker, Silixa and Shell for fiber optics. Pick up Shoe joint set in table. Hang Baker sheaves from derrick board with 3 fiber optics cables. Pump through float shoe to verify working. Adjust B&L casing tongs. Work on tongs. Tie service loop in derrick due to high winds. |          |
| 11:30 | 15:30 | 4.00    | 10,947     | CASE | Pick up and run in hole with Shell Termination Sub, Silixa Termination Sub, Float Collar and PetroQuip Landing Profile.   |          |
| 15:30 | 16:30 | 1.00    | 10,947     | CASE | Test fiber optics communication lines. Fill pipe and test float collar.   |          |
| 16:30 | 6:00  | 13.50   | 10,947     | CASE | Run 7" 38# Vam HT casing from 455' to 2,202' as per program. Fill casing and test fiber optics every 10 joints. Used Bestolife casing dope.   |          |

## Management Summary

Rigged up B&L Casing to run 7" casing. Rigged up Baker, Silixa and Shell for fiber optics. Picked up Shoe joint and pumped through float shoe to verify working. Picked up and ran in with Shell Termination Sub, Silixa Termination Sub, Float Collar and PetroQuip Landing Profile. Filled pipe and tested float collar and fiber optics communication lines. Ran 7" 38# Vam HT casing from 455' to 2,202' as per program. Filled casing and tested fiber optics every 10 joints.

## 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 |     |
| 10-Jul-23 15:00 at Depth 10,947 ft Other Location, Type: Low Solids Non-Dispersed |     |    |    |       |      |       |        |     |       |      |     |      |    |      |     |      |     |    |      |      |     |
| 8.43  | 27  | 1  | 1  | 100   | 0.25 | 9     | 0.65   |     |       |      |     | 1300 | 60 |      |     |      |     |    |      |      |     |

## Mud Consumables

| Item Description | Qty. | Cost | Item Description | Qty. | Cost |
|------------------|------|------|------------------|------|------|
| Engineering 1 -  | 1    | ---  | MDC -            | 2    | ---  |

## Miscellaneous Drilling Parameters

|                        |  |                    |  |          |  |            |  |               |  |   |  |    |  |
|------------------------|--|--------------------|--|----------|--|------------|--|---------------|--|---|--|----|--|
| Hook Loads (lbs):      |  | Off Bottom Rotate: |  | Pick Up: |  | Slack Off: |  | Drag Avg/Max: |  | /   |  |    |  |
| Hours on BHA:          |  | Since Inspection:  |  | 27       |  | Total:     |  | 27            |  | Jars:   |  | 27 |  |
| Hours on Casing/Liner: |  | Rotating:          |  | 64 / 0   |  | Tripping:  |  | 126.25 / 0    |  | <input type="checkbox"/> Wear Bushing Installed |  |    |  |

## Rig Information

Equipment Problems:

Location Condition:

Transport:



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## 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 |
|---------|--------|--------|-------|--------|---------|--------|--------|-------|--------|
| 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 with crews, Shell, Baker, Silixa and FORGE representatives prior to rigging up. 10 minute safety meeting with Frontier crew, Baker, Shell and Silixa prior to picking up casing. |

|                       |   |                     |   |                      |   |                 |    |
|-----------------------|---|---------------------|---|----------------------|---|-----------------|----|
| First Aid Treatments: | 0 | Medical Treatments: | 0 | Lost Time Incidents: | 0 | Days Since LTI: | 86 |
|-----------------------|---|---------------------|---|----------------------|---|-----------------|----|

|                                   |  |
|-----------------------------------|--|
| <input type="checkbox"/> BOP Test | <input type="checkbox"/> Crownamatic Check |
|-----------------------------------|--|

## Weather Information

|                  |          |                |      |
|------------------|----------|----------------|------|
| Sky Condition:   | Clear    | Visibility:    | 10   |
| Air Temperature: | 90 degF  | Bar. Pressure: | 1007 |
| Wind Speed/Dir:  | 21 / SSW | Wind Gusts:    | 30   |