



GARD *U-line*[™] Roller Grants Well Test in High Deviation Asset



NIGERIA





GARD *U-line*™ Roller Grants Well Test in High Deviation

COUNTRY: Nigeria



U-line™ Size:
2.750”

Depth:
8,670ft

Deviation:
75°

CHALLENGE

A Nigerian Operator through Alpha Oilwell were looking to run a BHP survey operation to understand the inflow properties of the reservoir for this particular well. Due to the high deviation of this well with 75° of inclination there was a need to deploy a conveyance tool to aid with the transport of the tool string to target depth. This well characteristic meant that the operation was originally accessible only through well tractor and wireline, however, this would mean higher costs.

SOLUTION

GARD *U-line*™ Roller Technology was suggested by Alpha Oilwell and provided by Future Oilfield Services Limited to facilitate the conveyance of the pressure gauge to understand the well’s potential. GARD *U-line*™ Roller Technology is considered as a cost-effective means of deploying toolstrings to Target Depth (TD) with the use of slickline instead of electric wireline tractor.

RESULTS

GARD *U-line*™ Roller successfully conveyed the gauge cutter tool to a depth of 8572 ft HUD at 75°, which the operator was satisfied with to proceed with the pressure test. The dual memory gauge was deployed at a speed of 80-150 ft/min, when HUD was reached it was able to record pressure data for an initial 30 hours. The operator decided to extend the time for 24 hrs to enable 12 hrs of waiting time after shut-in. The client benefitted from the use of *U-line*™ Rollers proving that slickline could be used to transport complex toolstring to challenging depths and deviations without the deployment of wireline tractor.

VALUE

GARD *U-line*™ Roller Technology guaranteed the conveyance of pressure gauges to retrieve vital data to understand the well performance without the use of wireline tractor/stroker combo.

Intervention Programme

- Gauge Cutter Drift
- Memory Gauge



ASSET: Onshore Gas And condensate



METHOD: Slickline



PRESSURE: 2,200 PSI



CHALLENGE: Deviation



Operational Highlights

- Achieved TD
- E

