



# GARD *U-line*™ Roller Eliminates wireline tractor



**NIGERIA**





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**COUNTRY: Nigeria**



**U-line™ Size:**  
**2.750”**

**Depth:**  
**10,850ft**

**Deviation:**  
**79°**

## CHALLENGE

A Nigerian Operator planned to perform a diagnostic intervention programme within a series of valuable, highly-deviated gas wells, in order to determine downhole conditions. Previously, costly wireline tractor technology had been used to access wells in this field and were considered the only viable intervention option, based on the service provider’s simulation modelling.

The client wished to reduce intervention costs to a more manageable level and therefore began assessing the market for alternative solutions.

## SOLUTION

After appraisal of all conveyance technology options, GARD U-line™ Universal Rollers were identified as the best available Technology and most cost-effective Solution. U-line™ simulation modelling confirmed that it was possible to access target depth (TD) using slickline. U-line™ Wheel size was selected to 1) enable safe running clearance through all well restrictions, 2) maximise tool lift / debris clearance, 3) sustain low rolling friction and maintaining momentum to reach TD.

## RESULTS

Three deployments were performed successfully in a safe and efficient manner with all data retrieved as planned. Due to operational time savings accrued through the use of slickline, the opportunity was taken to perform additional ‘bonus’ runs.

As a direct result, an obstruction at a deeper location within the well bore was identified, which played a critical role in planning future intervention activity.

## VALUE

The Operator achieved a 50% time saving due to superior operational efficiency, as well as significant cost savings of around 85% when deploying the GARD U-line™ Roller System on slickline, rather than tractor on electric wireline, which had been their default position!

*More detailed information can be provided upon request*

## Intervention Programme

- Drift
- Bottom Hole Pressure Survey
- Impression Block



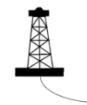
ASSET: Onshore Gas Well



METHOD: Slickline



VALUE: 85% Cost Savings Vs wireline tractor



CHALLENGE: High Deviation and debris



## Operational Highlights

- 50% time saving
- Reduced risk to asset and personnel
- Down hole pressure retrieved successfully
- Well bore obstruction identified

