



GARD *U-line* Roller

Delivers drill pipe recovery service
to high-dev target, pipe recovered



NIGERIA 





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COUNTRY: NIGERIA



U-line Size:
2.300"

Depth:
9,135ft

Deviation:
65°

CHALLENGE

A drilling operation suffered stuck 5" drill pipe during drilling of a new well, Nigeria Delta. Drill pipe recovery planning commenced with the client concerned that toolstrings would be unable to reach the 'potential' deepest stuck point at 9,820ft / 74.5° deviation, although circulation was still achievable.

SOLUTION

A *U-line* simulation was presented and assessed by the end user, resulting in a request to provide *U-line* Rollers for system integration test (SIT) at the wireline service company facility, prior to mobilisation to the rig. The intervention plan involved the deployment of a freepoint tool, followed by a 'ballistic' string-shot with back-up drill collar severing tool to be deployed as a last-resort. Larger *U-line* wheel size of 2.300" was fitted to accommodate the change in internal diameter within the drill pipe coupling and to maintain momentum.

RESULTS

U-line Roller Technology successfully conveyed all wireline toolstrings to a stuck-point depth of 9,135ft / 65° deviation target without incident, and according to plan. Drill pipe was freed with drilling operations able to commence once more.

VALUE

U-line Roller Technology ensured that wireline toolstrings reached target depth, quickly and effectively with drilling down-time minimised as a result.

In addition, drilling operations were able to re-commence at the deepest possible point in the well, saving rig time as a result when drilling ahead once more.

More detailed information can be provided upon request

Intervention Programme

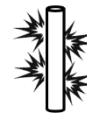
- Freepoint tool
- String-shot gun



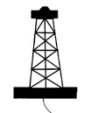
ASSET:
Onshore Drilling Rig



METHOD: Wireline



CHALLENGE: Explosive
Services



ENVIRONMENT:
Directional drilling



Operational Highlights

- Achieved TD every time without issue, no mis-run recorded
- Minimised drilling down-time
- GARD *U-line* intervention simulation accurately predicted successful conveyance outcome

