GARD *U-line* Roller Enables cost-effective P&A, replacing wireline tractor

UKCS

GARD *U-line* Roller Enables cost-effective P&A, replacing wireline tractor

COUNTRY: UK

U-line Size:
2.900” / 3.650”

Depth:
11,182ft

Deviation:
64°

CHALLENGE

A UK Operator planned to conduct a series of interventions to a high-deviation well-bore target using wireline tractor during abandonment of a North Sea asset. The planned use of tractor was based upon historical intervention issues encountered in this particular well, in combination with intervention modelling that suggested wireline tractor was the only option to access target depth in this case. A drift was to be deployed to check tubing clearance, prior to setting of a plug below the production packer, punch above to enable circulation before finally cutting tubing.

SOLUTION

Upon review of the *U-line* well intervention Simulation, the Operator decided to take the opportunity to reduce operating costs by using slickline services and *U-line* Roller Technology in combination with Razor’s (non-explosive) plug, punch & cut services, rather than more expensive (powered) wireline tractor.

RESULTS

U-line Roller Technology successfully conveyed all toolstrings to target depth, without incident, according to plan and within budget, proving the value of *U-line* within the well abandonment / decom market.

VALUE

U-line Roller Technology ensured that operating costs were significantly reduced, through the use of gravity-deployed slickline methods, rather than more expensive (powered) wireline tractor.
Operational risk was also significantly reduced, as less equipment, personnel and time was spent at the well site.

More detailed information can be provided upon request

Intervention Programme

- Drift
- Set RAZORPLUG below production packer
- Punch tubing using RAZORPUNCH
- Cut tubing using RAZORCUT

ASSET: Offshore Oil Well

METHOD: Slickline

VALUE: 85% Cost Savings Vs wireline tractor

OPERATION: Well Abandonment

Operational Highlights

- Achieved TD every time without issue, no mis-run recorded
- Replaced wireline tractor
- GARD *U-line* intervention simulation accurately predicted successful conveyance outcome