

CASE STUDY

Country: Norway

Year: 2019

Technologies:

- PowerTrac® PRIME Tractor
- Retrievable Bridge Plug
- Explosive Jet Cutter

Efficient Plug setting and pipe cutting operation in highly deviated well

PowerTrac® PRIME conveyance technology reduces tractor conveyance time by 50% on a North Sea P&A operation

- Total tractored distance – 12,218ft (3,724m)
- Tractor speeds reached up to 111ft/min (34m/min)

Challenge

In preparation for a permanent Plug and Abandonment operation the client first required to secure the well using a deep-set plug, followed by cutting the tubing above the production packer to enable tubing retrieval. The well had a maximum deviation of 90 degrees. With P&A costs reduction a focus for the client, operational time saving was a key priority.

Solution

Altus Intervention recommended its new electrohydraulic **PowerTrac® PRIME** Tractor to execute the tractor conveyance required for these eline operations. With over 12,000ft (3,700m) of total tractoring required, the high conveyance speeds and intelligent in-well speed/force optimization capabilities provided by the **PowerTrac® PRIME** Tractor, offered material time savings.

Results

On the first run the **PowerTrac® PRIME** Tractor conveyed the plug a distance of 7,266ft (2,215m) achieving a maximum tractor speed of 107ft/min (32m/min) with an average of 91ft/min (28m/min). This was followed by the cutter run, for which similarly impressive maximum and average tractor speeds were achieved. The average conveyance speed achieved resulted in a reduction of tractor conveyance time 50% when compared to conventional tractor conveyance technology.

