

# Efficient plug setting and pipe cutting operation in highly deviated well

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 customer, operational time saving was a key priority.

## Solution

Our team recommended the electro hydraulic **PowerTrac PRIME Tractor** to execute the tractor conveyance required for these e-line 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 this tractor technology, 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.

## Challenges

- In preparation for a permanent plug and abandonment operation, the customer first required to secure the well using a deepset plug, followed by cutting the tubing above the production packer to enable tubing retrieval
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