

TRACTOR CONVEYANCE

PowerTrac

Country: USA
Field: US Land Operations
Year: 2017 - 2020
Technologies: **PowerTrac 318 Select**

MAKING INTERVENTION
SMARTER

PowerTrac 318 with optimized "Select" capability slashes tractor conveyance times in the US land horizontal well market.

- 50% time saving
- 500 operations from 2017 - 2020

CHALLENGE

When configuring tractor assemblies for highly deviated or horizontal conveyance, the tractor power required to deliver the conveyed passenger toolstring to the target depth in the well is determined by the weight of the toolstring, the tortuosity of the well trajectory and the extent of the target depth. Tractor power requirements are determined by pre-job planning software, and the tractor toolstring is configured and set accordingly prior to RH; however, the maximum power requirements are often only needed for the lowermost section of a multi-thousand foot well. Adjustments of the power versus speed trade off would deliver considerable reductions in conveyance operating time.

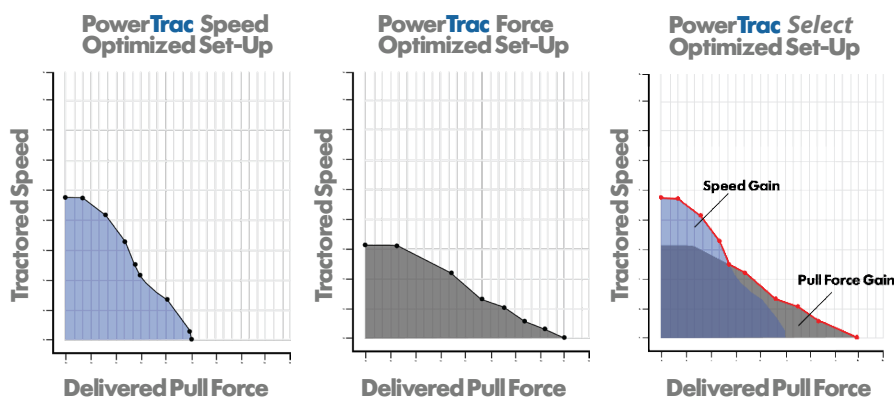
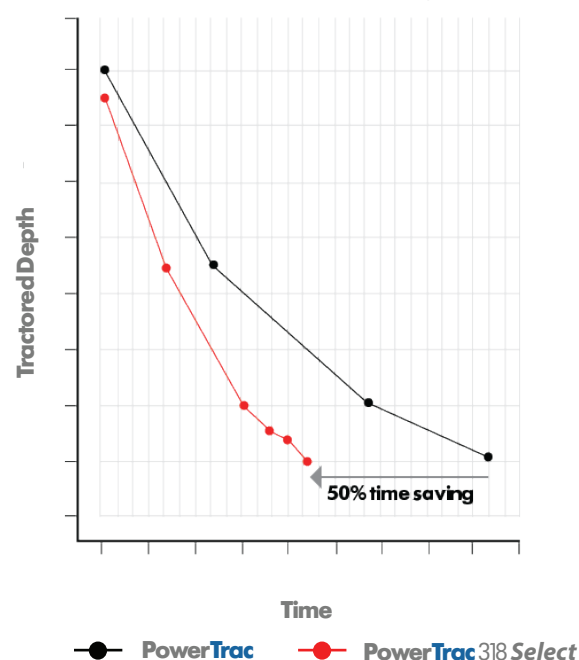
SOLUTION

Altus Intervention's **PowerTrac 318 Select** capability enables in-well, on the fly adjustment functionality. High speed/low drive torque tracting can be configured in less torturous sections with the option of switching to low speed/high torque tracting only when absolutely necessary.

RESULTS

This **PowerTrac 318 Select** enhancement has been run in over 500 jobs in US based land operations for a range of well profiles, with a number of service companies and clients. The in-well speed/force optimisation has delivered as much as a 50% reduction in overall tractor conveyance time.

Example comparison of Tractoring time



Uncompromised Tractor Conveyance with **PowerTrac 318 Select** - speed and power optimisation when and where you need it, in-well, on command.