

## TRACTOR CONVEYANCE

# Highly efficient toe perforation conveyance

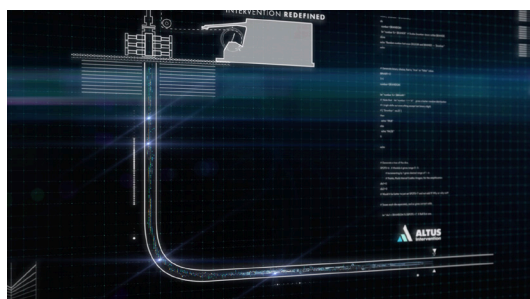
Country: US  
Field: Permian  
Year: 2018  
Technologies: **PowerTrac® PRIME™ Tractor** ● **Perforation Guns**



**PRIME**  
INTERVENTION REDEFINED

**PowerTrac® PRIME™** conveyance technology reduces tractor conveyance time by 55% on a US Land extended reach well

- Total tractored distance – 9,724ft (2,964m)
- Maximum tractor speed of 100ft/min (30m/min)



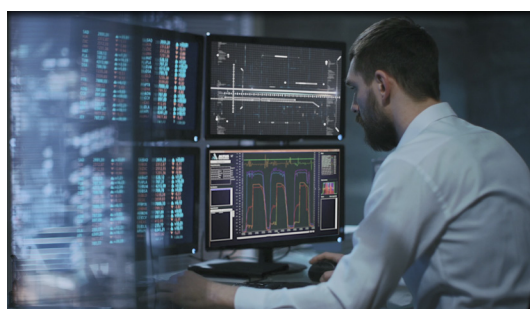
## CHALLENGE

The operator was preparing the toe stage of an extended reach unconventional well for fracture stimulation. With a measured depth of 22,000ft (6,700m) and extended lateral length of 9,860ft (3,000m), increased speed of tractor conveyance in the horizontal section would offer valuable time savings to the operator.



## SOLUTION

Altus Intervention recommended their new elite deployed electrohydraulic **PowerTrac® PRIME™** tractor. Leveraging its market leading tractor conveyance speeds and intelligent in-well speed/force optimization capabilities, the PRIME technology would provide significant operational time savings in such horizontal, extended reach wells.



## RESULTS

The **PowerTrac® PRIME™** tractor conveyed the perforation gun string to target depth, tractoring a distance of 9,724ft (2,964m) along a horizontal lateral having a deviation as high as 93 degrees. Tractor speeds reached a maximum of 100ft/min (30m/min), with an average speed across the full lateral of 67ft/min (21m/min). The job was completed successfully in only 10 hours due to a 55% reduction in tractor conveyance time, when compared to what would have been achieved using conventional tractor conveyance technology.