



THRUSTER ENERGY CORP



TEC UNIVERSAL JET THRUSTER (UJT)

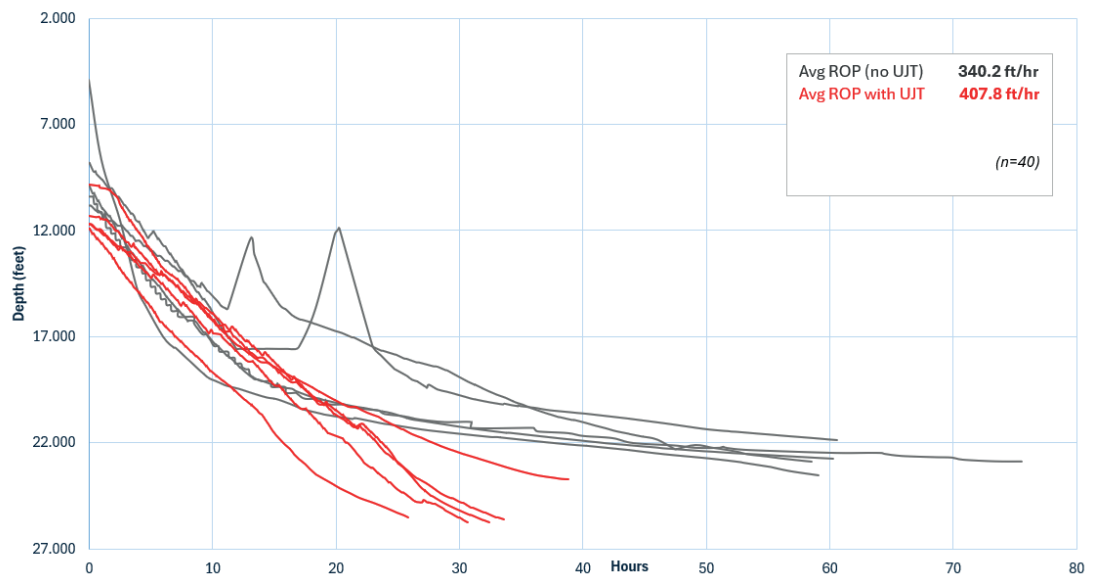
The Patented Universal Jet Thruster (UJT) Smart Sub is placed below a motor between the bit and the bit box. The natural flow path is altered to jet 45° up hole through nozzles directly above the bit, helping to propel the CT string in-hole. The UJT automatically switches from “Thrust Mode” to “Milling Mode” when WOB is applied, allowing flow through the bit to provide cooling and lift cuttings. Maximize debris recovery and improve ROP with this simple innovation for any milling string.

DESIGN FEATURES

- Interchangeable thread connections allow the UJT to act as a crossover
- Reduce chemical usage, lift cuttings through improved annular velocity
- Compatible with any fluid system; not sensitive to acid, light mud or LCM
- Automatic function. No drop balls or operator intervention required
- Venturi effect keeps debris moving up-hole
- Generate turbulent flow in the annulus
- Prolong the life of rotary cone bits
- Reduces the need for short trips
- TD wells at record speed



Depth and Time in Lateral, UJT Comparison



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