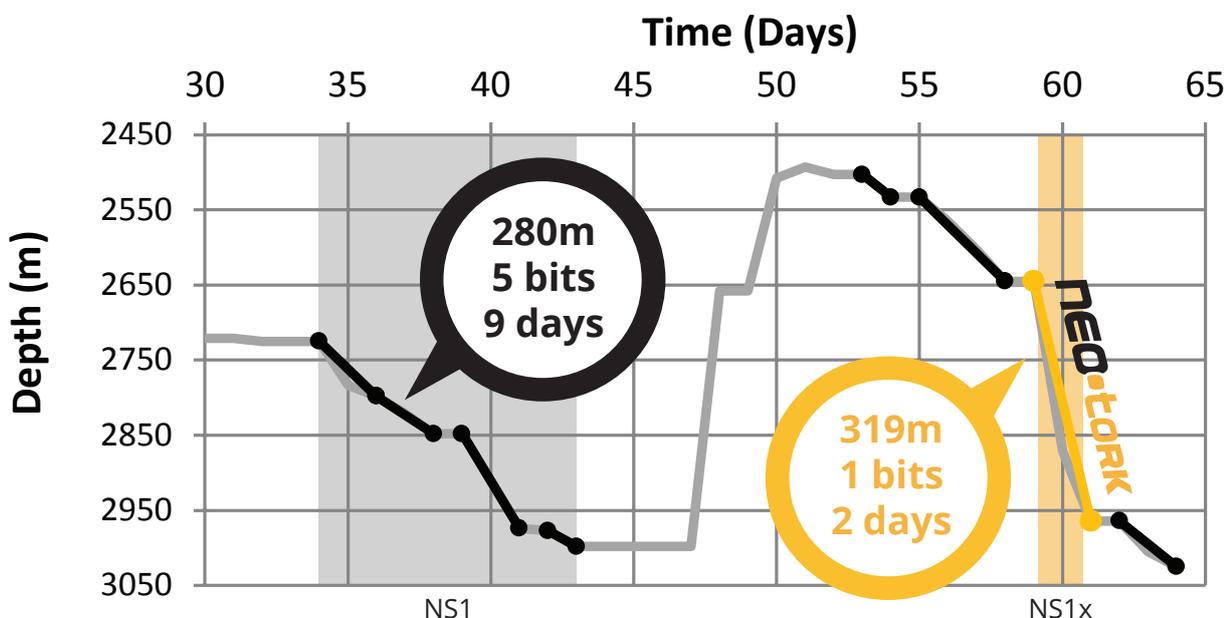


INCREDIBLE ROP AND BIT LIFE IMPROVEMENTS

On a recent job in Northern Europe an operator selected to utilize **NeoTork** in a side-track well thus offering a perfect reference. Over a 319 meters run, **NeoTork** dramatically improved ROP in all sections completing in 2 days with 1 sole drill bit what had taken 9 days and 5 bits in the offset well.



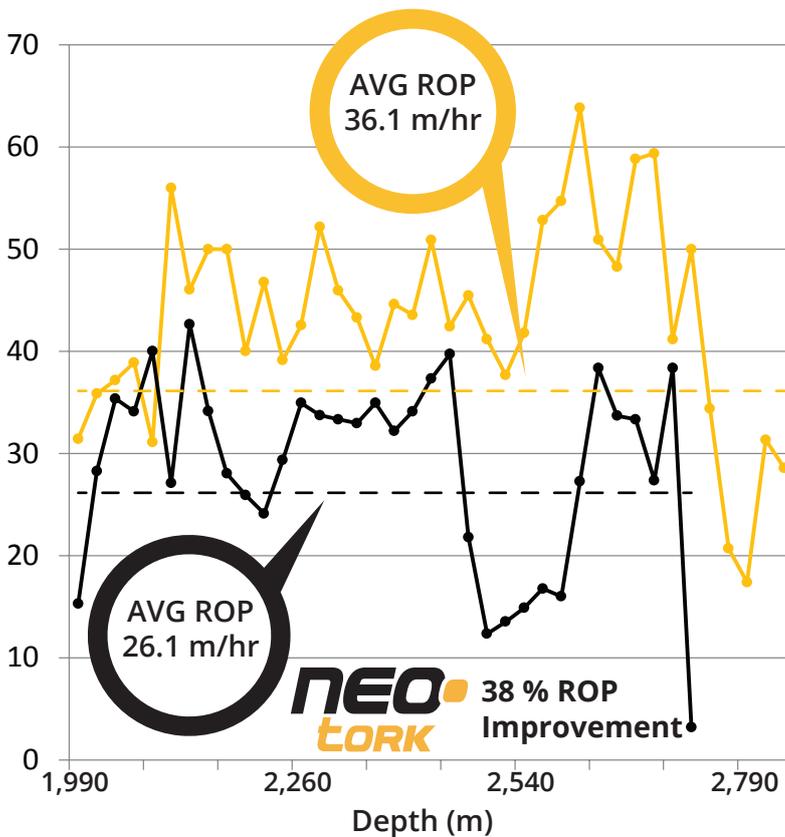
As evidenced on the chart, the ROP was dramatically improved when using NeoTork. This happened because on average, WOB could be increased 50% and RPM 40% over the whole interval without prejudice to downhole vibrations. More remarkably, the unique drill bit that was utilized on the NeoTork run came out as new despite crossing intervals with chert presence!

Continuous Improvement



Performance in the Oil & Gas industry are often reported in saved hours and/or US\$. We live in a continuous evolving world in which other values are becoming increasingly important. A global conscience about Industrial activities' impact on the environment is raising. **Neo-Oiltools** intends to contribute to this effort by recording what will be CO2 savings that will result from **NeoTork's** usage.

Another Success in Southern North Sea



This summer, another job has also been completed for another Southern North Sea operator on another side-track well, again offering a perfect reference. Over the nearly 1000 meters run, NeoTork there too consistently improved ROP in all sections and more than tripled drilling rate in the slowest zones.

The above chart evidences the difference in ROP between the reference run done on a vertical well and an adjacent sidetrack well drilled a few days later in very similar conditions adding NeoTork to the BHA. On the initial run, drilling parameters couldn't be optimized because of vibrations and slip-stick symptoms. On the opposite, while using NeoTork, the absence of vibrations allowed optimum WOB and RPM.

NeoTork has the beat...

A customer was having major difficulties on a milling job and decided to perform a surface test, first without NeoTork and then including NeoTork in the BHA. We had no one on site but our client shared with us a video record of this comparative testing that is now accessible from our site. The chart on the left represents the comparative sound files extracted from that video. This illustrates perfectly how NeoTork smoothen the milling process.



The Team is growing



Patrice Palmato is a new member of the team supporting field tests and training new partners on tool servicing and maintenance.

Patrice has nearly 40 years of directional drilling experience having worked in operations in all five continents. His background and knowledge is fundamental in these early stages to fully demonstrate NeoTork's benefits while collaborating with directional drilling team to deliver maximum value to our clients.