

PDC Bit Post-Run Performance Analysis

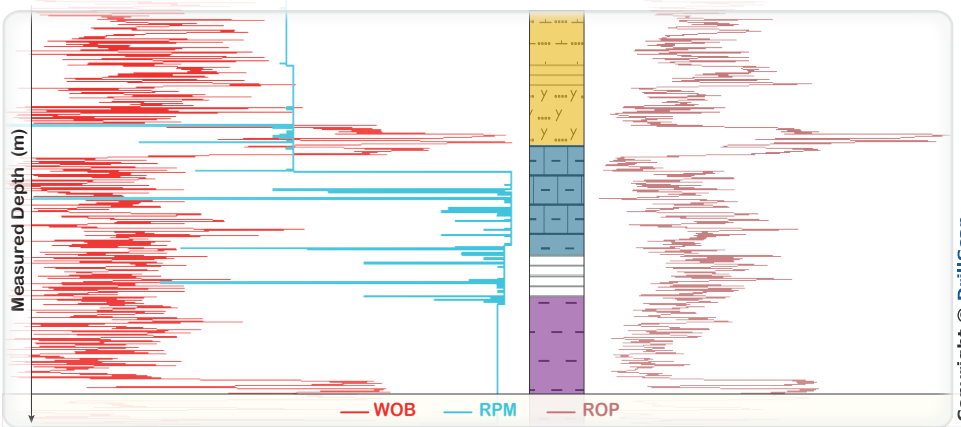
Ref: DP03

Objectives

- Performance analysis to improve ROP in the next well
- Evaluate bit drillability, bit wear, bit stability, and directional response
- Optimise bit directional behaviour according to the directional system
- Compare bit behaviours to drilling constraints
- Complete bit post-run analysis of the offset well

Benefits / **Post-Well**

- Find the optimum bit for a specific application
- Maximise bit drilling performance by improving stability & steering response and reducing wear
- Improve economics for the next well, with better ROP and bit wear predictions
- Benchmark bit suppliers
- Accelerate the learning curve



Downhole drilling parameters through geological layers

Copyright © DrillScan

Includes

- DrillScan proprietary software (BHA and vibration modelling)
- Powerful post-analysis module with advanced data processing, analysis tools and graphical capabilities
- Surface drilling data treatment using advanced stiff-string T&D modelling
- Proprietary Rock-PDC bit coupling modelling for bit performance and wear evaluation
- Patented dysfunctions detection process

Deliverables and Timing

- Earliest result delivery within agreed days after reception of full and usable set of data
- Delivery of final PowerPoint® or written report within agreed weeks, intermediate reports on demand
- Result support from our most experienced Drilling Champions, upon request
- Result presentation in client's office (optional)
- Real-time support available onsite or remotely (optional)