

DAS™ Automated Drilling Optimization

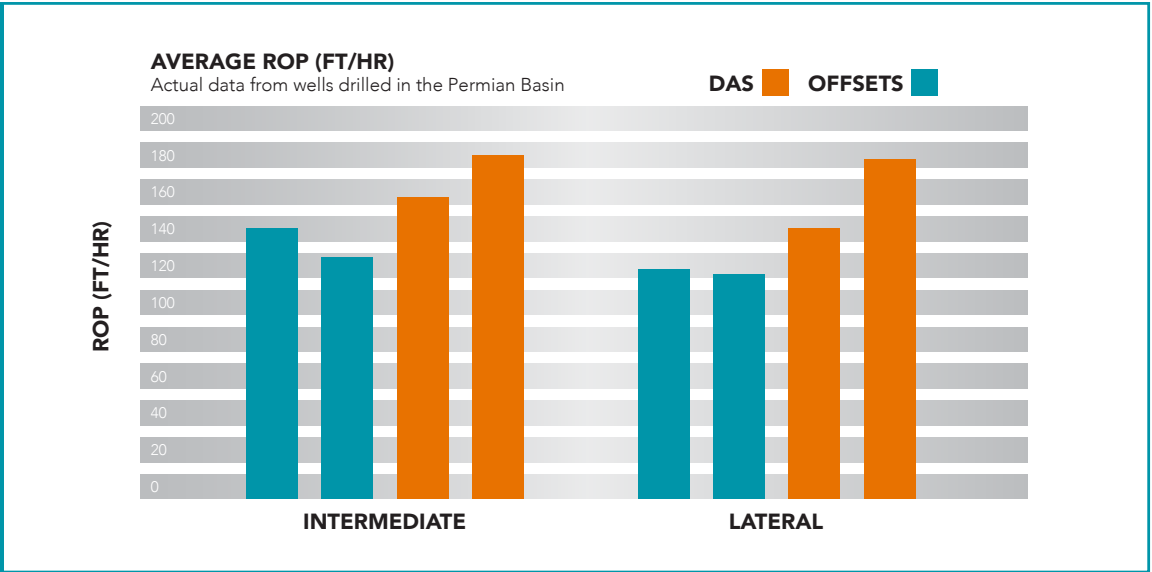
Supercharge your drilling operations with DAS™* – Pason’s automation system for smoother, faster drilling and reduced wear on downhole equipment.

250+ INSTALLATIONS

3500 WELLS DRILLED UNDER FULL AUTOMATION

DOZENS OF RECORD BREAKING PACESETTERS

PROVEN RESULTS IN ALL NORTH AMERICAN BASINS



TWO OPTIMIZATION MODES

- Achieve peak drilling efficiency
Wave Mode: Optimizes WOB and RPM (if available) for minimum MSE
- Target maximum cutter engagement with
DiffP Mode: Maximizes ROP by focusing on high bit torque



SUPERIOR CONTROL AND DYSFUNCTION MITIGATION

- Smart ROP setpoint control
- Minimize WOB and differential overshoots
- Intelligent stick-slip detection and mitigation



ROADMAPPING AUTOMATION

- Upload simple Roadmap spreadsheets for optimal parameter windows
- Reduce trouble zone risk