



IADD MUD MOTOR FORUM

January 26 – Oxy Woodlands Allison Tower

Reception at Landry's to follow



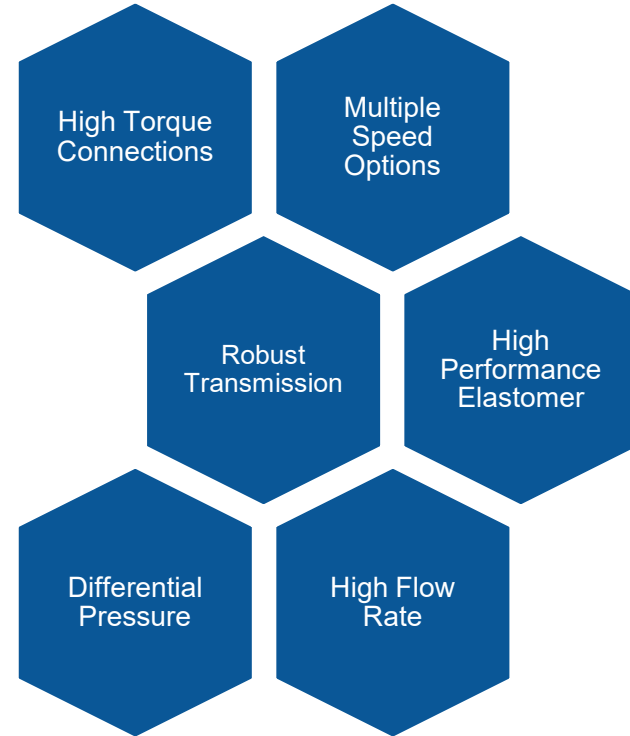
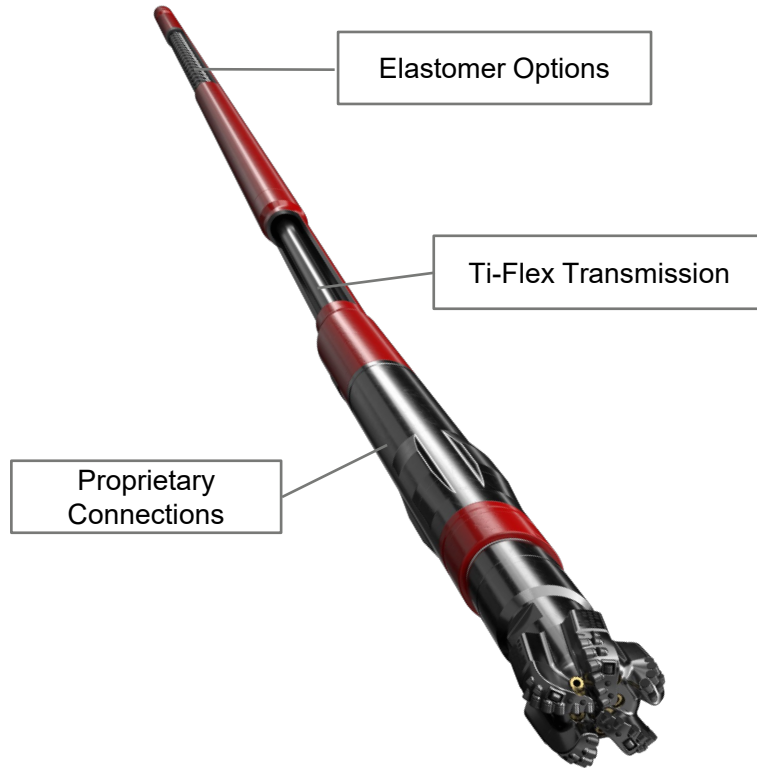
Halliburton Sperry Drilling

Faster well delivery with enhanced high-torque, high-flow motors

Speaker Information

- Scott Powell
- Motor SME, Sperry Drilling North America
- January 26, 2023
- Halliburton Sperry Drilling

NitroForce® Premium Motor Offerings



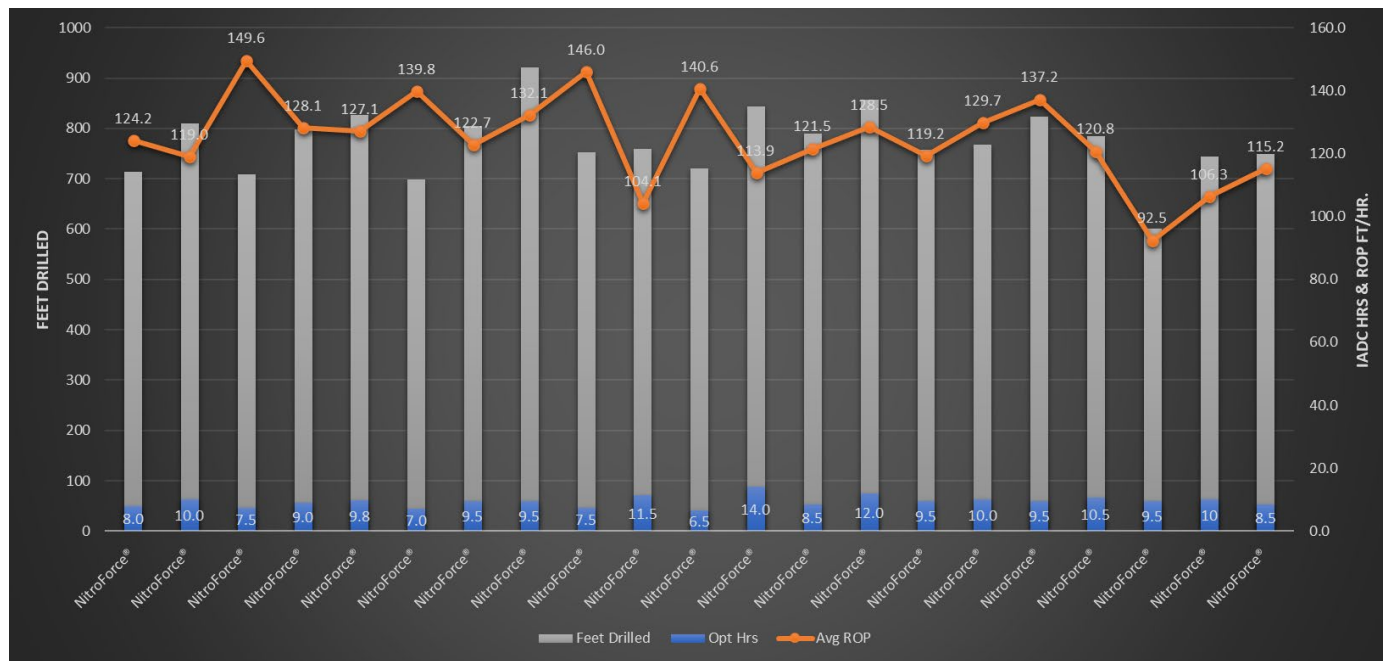
Reliability

Extended Runs

- Redesigned power sections with high-performance elastomers
- Supports fits, speeds, and horsepower for harsh environments
- Withstands high temperatures for extended periods
- Increased durability delivering complex wells in a single run

Reliability

- 7½" Motor
- 8¾" Curve
- Average
14.6°/100 ft DL
- Average
9 hrs drilling
- 99% successful
one run curve



Consistent Well Delivery

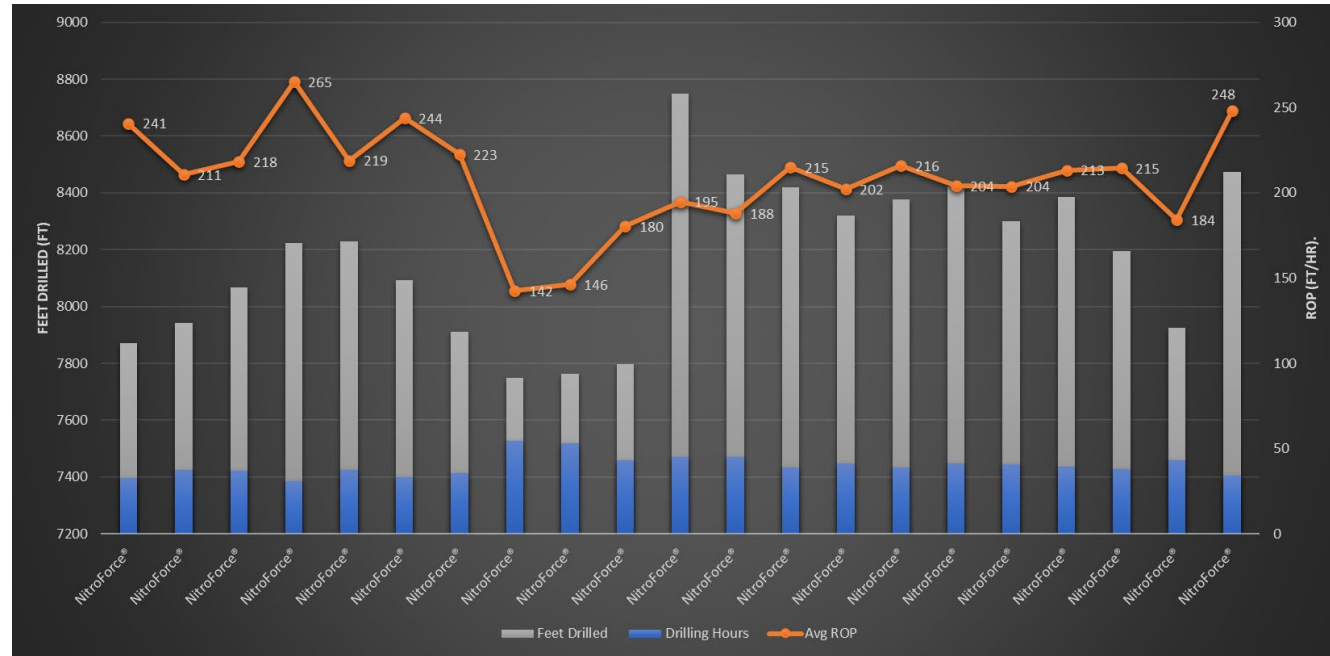
Automation Enabled

Combine with the Drilling LOGIX® autonomous drilling platform to improve overall well delivery

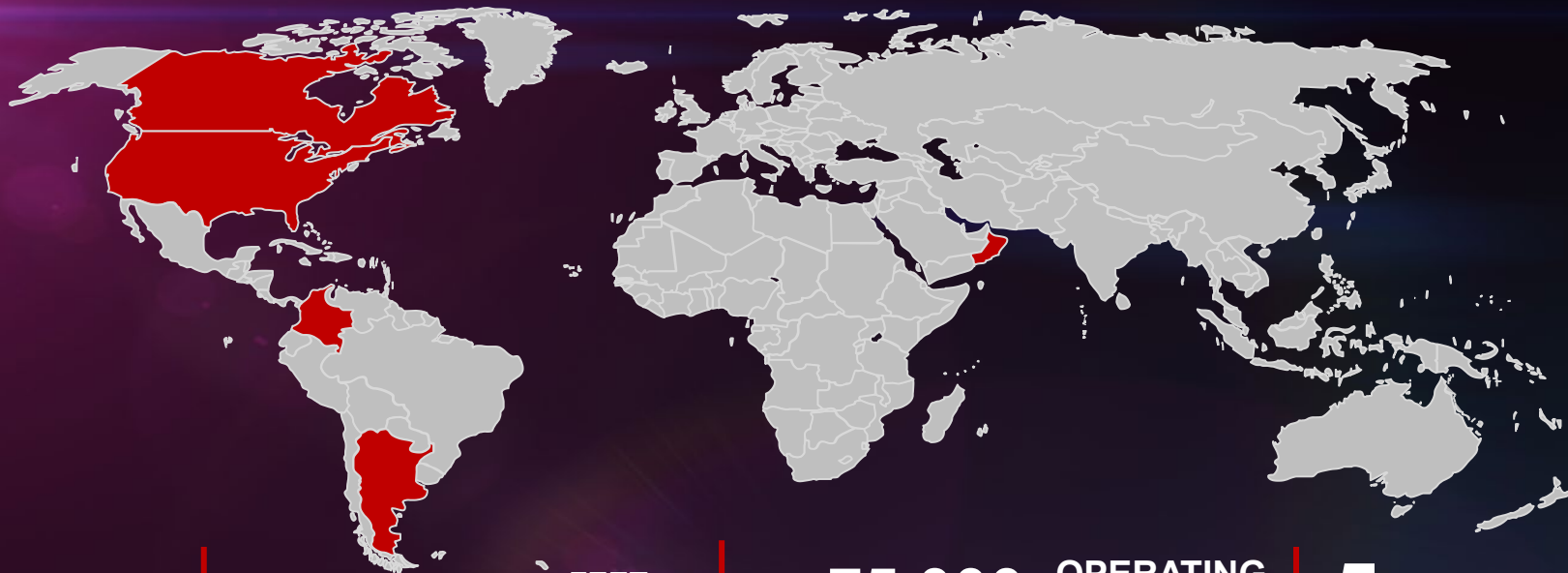
- Real-time vibration mitigation
- Collision avoidance

Consistent Well Delivery

- 7½" Motor
- 8¾" Vertical
- Average over 200 ft/hr
- 98% run efficiency



Performance



1189 RUNS

>3,900,000 FEET
DRILLED

>75,000 OPERATING
HOURS

5 COUNTRIES

Conclusion – Pushing the Limits

- More weight is not the only answer
- Pushing parameter limits do not have to decrease reliability
- Focus on whole package with tailored solutions
- Engineered approach considering all factors

Goal: Consistently deliver faster wells

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Thank You