Benefits of the Mechanical Thruster on RSS Assemblies

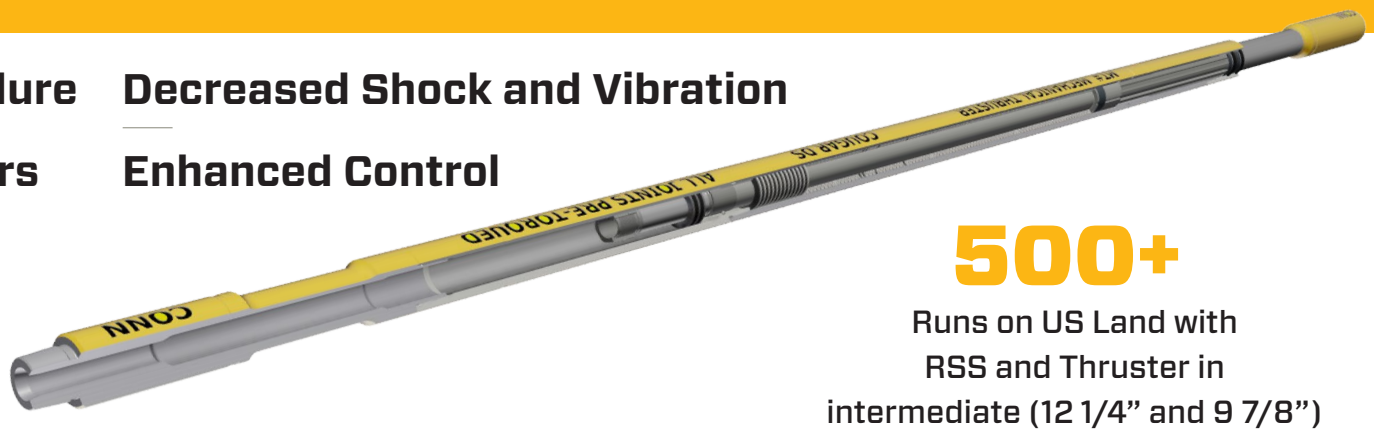
Reduced Trips for Failure

Decreased Shock and Vibration

Consistent Parameters

Enhanced Control

Increased Reliability



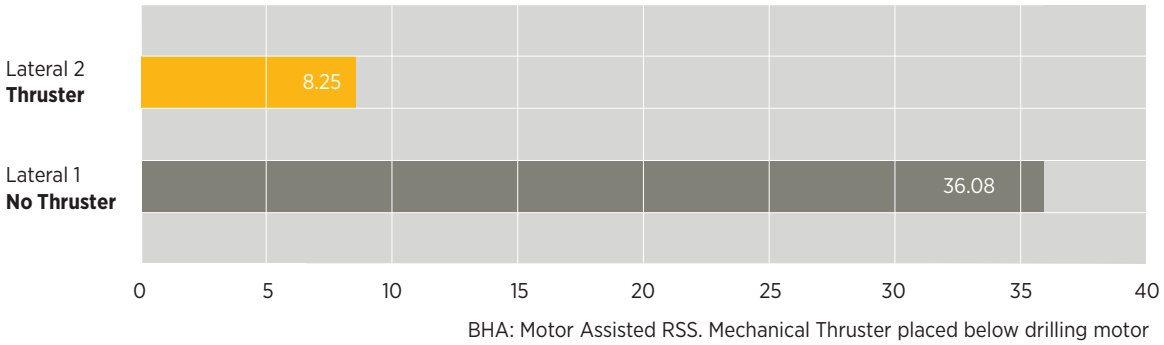
500+

Runs on US Land with RSS and Thruster in intermediate (12 1/4” and 9 7/8”) and lateral (8 1/2”) sections

Shock, vibration and erratic parameters wreak havoc on rotary steerable systems, causing unplanned trips for failure, steerability concerns and increased well costs.

Introducing the Mechanical Thruster to your BHA prevents these issues from occurring on your wells. By balancing the mechanical forces from WOB against the hydraulic forces from differential pressure, the Mechanical Thruster keeps a constant and consistent force to the bit, keeping your parameter envelopes tight and minimizing shock and vibration.

80% Reduction of Average Axial Vibration (Gs) in the Delaware Basin



BHA: Motor Assisted RSS. Mechanical Thruster placed below drilling motor

“Shock and vibrations can cause failures to your rotary steerable system. It can cause failures to your MWD systems, affecting your formation evaluation log quality.”

Mazhar Mahmood
MWD/LWD Product Line Leader
GE Oil & Gas

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RELIABLE. CAPABLE. CONSISTENT.