Results: Noble Hans Deul

- NAM
- Jackup, North Sea
- Electroproject STRS
- 12 ¼” section
- 2450–5550 m
- 60° inclination
- PDC bit
- 5 ½” DP
Downhole stick-slip measurement:

- Step change in stick-slip severity

Detailed time zoom:

- Eliminated stick-slip
- Improved steerable system performance
- Increased ROP by 10%
Hans Deul Record Run

- Well K15-FK-106, 12¼" section drilled in 1 bit run from 1466 m to 5001m AHRT
- Steering required at beginning (42°-55°) and end (55°-50°)
- High WOB used in Rogenstein (30 MT vs. 22MT), lower RPM to reduce shocks due to whirl
- STRS prevented onset of stick-slip at lower speed140 rpm
- Average ROP = 30.2 m/hr
- 11.8 days ahead of base plan, 21.9 days ahead of AFE50/50
- Saved millions of €