

— CASE STUDY: CHINA

Lucida service with Rotational Continuous Survey reduces operational risks and improves drilling performance in the ultra-deepwater campaign

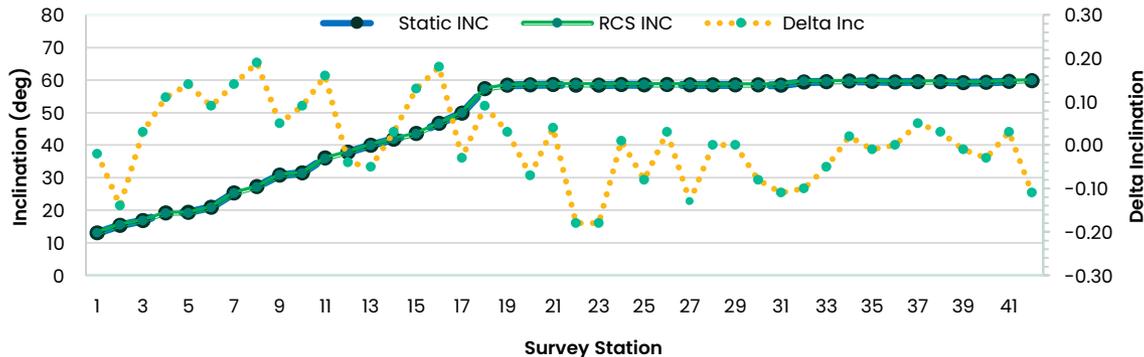
CHALLENGES

- Ultra-deep wells with a TVD of 6000m and a 6.3 in. diameter
- Unstable formation & depleted zone
- High temperature and H₂S content (164°C circulating, 170°C static)
- Complex wellbore profile

SOLUTION

[Lucida™ Advanced Rotary Steerable service with Rotational Continuous Survey \(RCS\)](#)

- Minimized pump-off time, resulting in lower and more stable downhole temperatures, which in turn enhanced tool reliability
- Eliminated survey-related rig-time from 8-mins/stand to zero
- Improved wellbore placement accuracy by enabling better trajectory control and superior hole quality through short, continuous survey intervals
- Reduced weight-to-weight time and significantly lowered the risk of pipe sticking



bakerhughes.com

Copyright 2026 Baker Hughes Company. All rights reserved. 85952

RESULTS

2025 RCS summary - China

21
wells

45
runs

55
hours saved

+12K m
drilled

Baker Hughes 