

— **CASE STUDY:** JIMSAR, CHINA

The TRU-Steer ultimate rotary steerable service effectively mitigates 100% of HFTO and delivers improvement in ROP

CHALLENGES

- Severe high-frequency torsional oscillation (HFTO) required tight control of drilling parameters to mitigate vibration
- Low rates of penetration due to HFTO

SOLUTION

- Deployed 6.75-in TRU-Steer™ ultimate rotary steerable service and PermaFORCE-TRU™ PDC bit to improve performance and ROP while mitigating HFTO and drilling dysfunction
- Ensured 100% reliability across the run, delivering predictable performance in serve HFTO conditions

RESULTS

100%
reduction in HFTO

23%
increase in ROP

1945m
achieved in one run to total depth

HFTO amplitude comparison in Jimsar

