

# Baker Hughes team delivers well four days faster than planned

## CHALLENGES

- Difficulty interpreting formation hazards (hard stringers) in real time, with static geomechanics model correlations not easily transferable to real-time operations
- High torsional fluctuation and stick-slip
- Premature cutting structure damage and bit under gauge
- String stabilizers with extra wear

## SOLUTION

- A Baker Hughes team leveraged data from [Kantori™ intelligent well planning](#), our offset-well analysis application, to prepare a detailed roadmap of drilling parameters
- [Corva](#) applications optimized the roadmap by setting alerts for formation hazards and real-time actions to avoid them
- The team easily correlated formation stringers identified in the Gamma Ray vs Depth application
- The team proactively adjusted drilling parameters before the well reached the hard stringers, preventing wear and damage seen in the latest offset well

## RESULTS

**75%**  
reduction in stick-slip vibrations

**11%**  
well-to-well improvement in rate of penetration

**4 days**  
saved compared with P50

**“Corva used geomechanics correlations from Kantori intelligent well planning to monitor parameters in real time. This enabled our team to take proactive measures to optimize drilling performance and planning for future wells in the area.”**

— **Pablo Rojas**  
Well Construction Solution Engineer