CASE HISTORY: USING LOGS TO OPTIMIZE COMPLETION DESIGN

CORDAX

Well Producibility Optimization

Cordax Zone Grader™

Background

- High Angle Well
  - Hole: 216mm (81/2 in)
  - Depth: 1,550m (5,085ft)
- LWT was mobilized to log the well to acquire additional data to complete an engineered completion design
- Wireline not run due to unstable borehole conditions

Operation

- LWT collars were inserted into the BHA and the hole was conditioned while tripping in
- The LWT tools were pumped down and logged out while tripping to surface

Achievements

- No additional rig time was required as the operator was conditioning the well during this trip
- Completed the analysis on the target formation based on both producibility and reservoir quality
- Eliminated risk of lost logging tools using LWT method

Client Statement

- "The final results, an engineered completions analysis, allowed us to increase well production from 900bbl/d to 1200 bbl/d when comparing to offset wells"

  - Engineering Lead