

Background

The Zubair field in southern Iraq is one of the largest oil fields in the world. ENI ZFOD worked with multiple service vendors for previous drilling campaigns, yielding limited results as measured by feet drilled per day, which was 174 ft/d [53 m/d] and well below the AFE 227 ft/d [69.18 m/d]. Rig move times lagged and overall NPT added to poor efficiency ratings.

Consequently, ENI ZFOD held detailed discussions with Schlumberger to establish project goals and assess the complementary capabilities of the two companies. This collaboration enabled the implementation of fit-for-purpose processes and technologies.

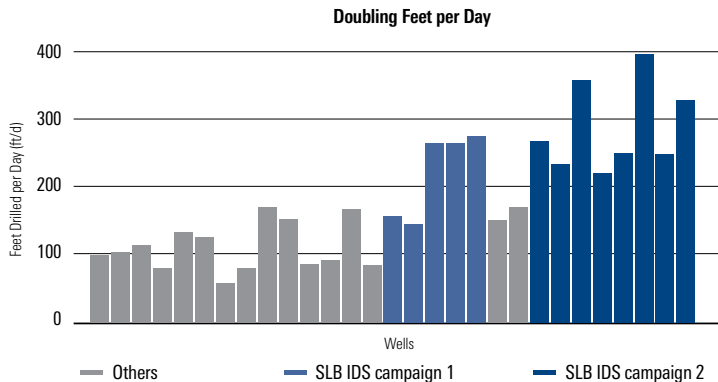
Technology

- CLEAR* hole cleaning and wellbore risk reduction service
- PowerDrive* rotary steerable system
- ROPO* rate of penetration optimization software
- StingBlade* conical diamond element bit
- Stinger* conical diamond element

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ENI ZFOD and Schlumberger Achieve 42% Increase in Drilling Performance, Iraq

Integrated Drilling Services nearly doubles footage drilled per day while reducing NPT_r by up to 36%



Schlumberger Integrated Drilling Services combined technologies, workflows, and integration capabilities with ENI ZFOD strengths to improve overall drilling performance by 42% as measured in feet drilled per day. Rig move times decreased by 34%, and service quality improved with a substantial reduction of 36% in NPT_r.

