TECH REPORT

RUSSIA SREDNEBOTUOBINSKOYE FIELD

Background

Taas-Yuryakh Neftegazodobycha (TYUNGD) wanted to minimize torque and increase drilling efficiency through dolomites and limestone with anhydrates, shale, and salts. Conventional bits generated high torque, causing stalling and pressure spikes. TYUNGD was unable to apply enough WOB to reach desired ROP.

Technologies

AxeBlade* ridged diamond element bit



AxeBlade bit.

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Ridged Diamond Element Bit Sets ROP Field Record, Russia

TYUNGD minimized torque and improved performance using AxeBlade bit



TYUNGD used AxeBlade bit to reduce reactive torque and increase ROP. The bit set an ROP record at Srednebotuobinskoye Field, outperforming average offset ROP at the pad by 45% and outperforming the best field ROP by 15%.

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