

EGYPT

PALEOZOIC, SOUTH UMB FIELD

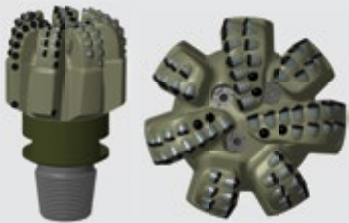
Operator	Khalda Petroleum Company
Hole size	8½ in

Background

Khalda Petroleum Company wanted to minimize tool damage and bit failure caused by poor drilling dynamics and reduce the number of runs required to drill an 8½-in hole in South Um Baraka (UMB) Field, Egypt.

Technologies

- AxeBlade* ridged diamond element bit
- PowerDrive* RSS

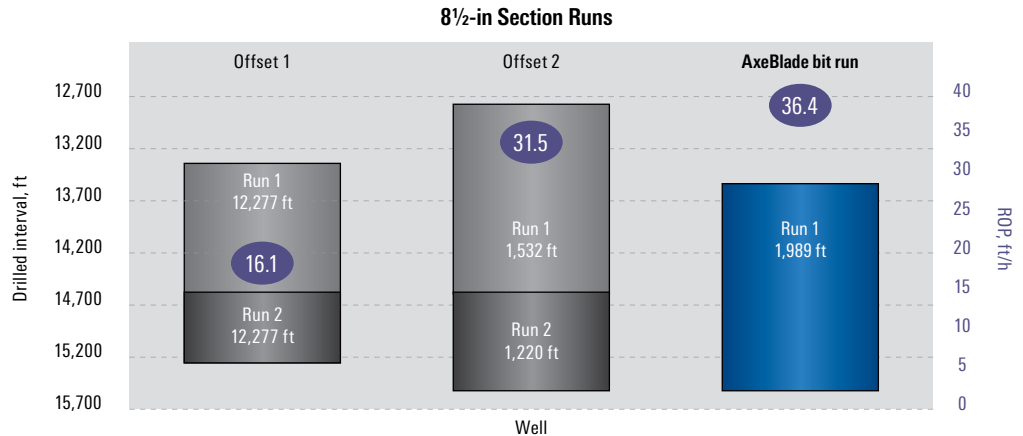


AxeBlade MDSX1713 bit.

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Ridged Diamond Element Bit Delivers Fastest Run at the Same Depth Relative to Offsets in South Um Baraka Field

AxeBlade bit combined with PowerDrive RSS saves Khalda Petroleum Company USD 65,000



Khalda Petroleum Company drilled 1,989 ft at an ROP of 36.43 ft/h in a vertical well using the AxeBlade bit and PowerDrive RSS. The combination replaced two bit runs compared with direct offsets and saved USD 65,000.