

Operator	Khalda Petroleum Company
Hole size	8½ in

Background

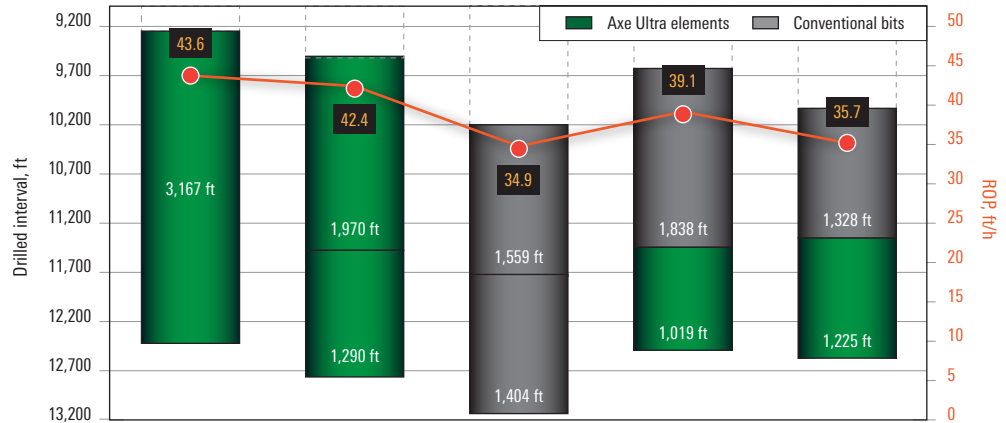
Khalda Petroleum Company wanted to improve footage by 20% and minimize the total number of runs in the 8½-in section compared with the direct offset.

Technologies

- Axe Ultra* ridged diamond element

Khalda Petroleum Company Sets Field Record with Ridged Diamond Elements

Bit with Axe Ultra elements minimizes runs and achieves lowest cost per ft, Egypt



Using a bit with Axe Ultra elements, Khalda Petroleum Company achieved the required directional run plan, drilling 3,167 ft in 72.6 h at an ROP of 43.6 ft/h in one run. The run set a record for the longest and fastest run in the field, increased footage by 60% compared with the direct offset, and achieved the lowest cost per ft, saving USD 76,500. Bits with Axe Ultra elements outperformed conventional bits in other wells in terms of footage and average ROP.

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