

311mm Intermediate Section, Kaybob Field

Alberta, Canada

Mechanical Thruster



Challenge

Major operator experiencing multiple trips per section and associated NPT, while pad drilling the 311mm intermediate hole.

Application

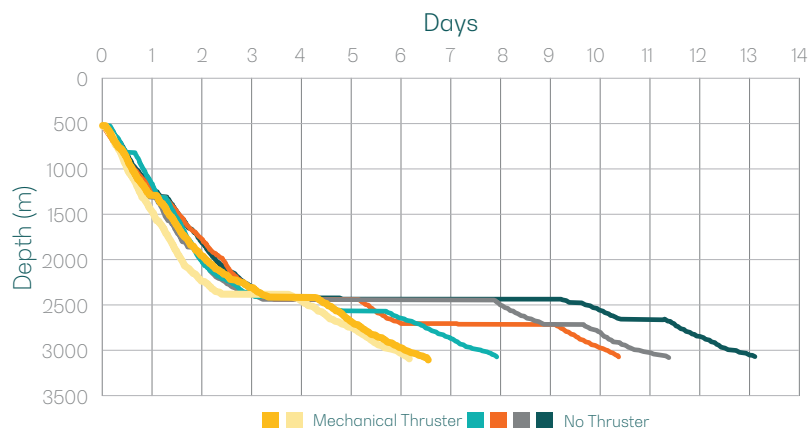
Analyze BHA, Well profile, and drilling performance requirements. Optimize MT6-800 configuration and placement for maximum effectiveness.

Results

Consistent elimination of one bit trip per section, contributing to an average reduction of 2 days per section.

"The addition of the thruster tool has turned what is normally a three-bit intermediate into a two-bit intermediate. That saves us about one day for the round trip and about a day gained performance for having a fresher bit through that second run for a total of about two days savings per intermediate. We can legitimately associate that with the thruster."

– Drilling Engineer



Average Per Section

8.25 DAYS

Without Thruster

6.25 DAYS

With Thruster

Average Reduction

2 DAYS

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Estimated Burn Rate Per Day

~65K CAD

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Average Cost Savings Per Section

130K CAD

