



TrackMaster Select* Enables First 20 inch Low-Side Sidetrack in Gulf of Mexico

Wellbore Integrity Solutions' (WIS) teams successfully deployed the TrackMaster Select System to sidetrack from 20-in, 133 lb/ft K-55 casing, enabling recovery of the 17.5-in hole section.

Collaborative Planning Enables Successful 20 Inch Sidetrack for Major Operator in Mexico

WIS partnered with a major oil and gas operator in Mexico to successfully execute a 20 inch sidetrack using the TrackMaster Select Whipstock System. The window was milled from 649 m to 658.19 m, enabling recovery of the 17.5 inch hole section.

A detailed execution plan was developed through rapid operational planning, simulation, and technical analysis. WhipSim® software was used to model whipstock placement, casing exit, and bending stresses on the BHA and liner.

All metal shavings were effectively recovered to surface, demonstrating 100% hole cleaning efficiency. This outcome reinforces WIS's reputation as a trusted partner in whipstock and slot recovery operations.

Well Information:

Location: Mexico

Casing Size: 20 inch (K-55, 133 lbs/ft)

Setting Depth: 663 m @ 0.12°/30 m

Inclination @ Whipstock: 8.64°

CHALLENGE

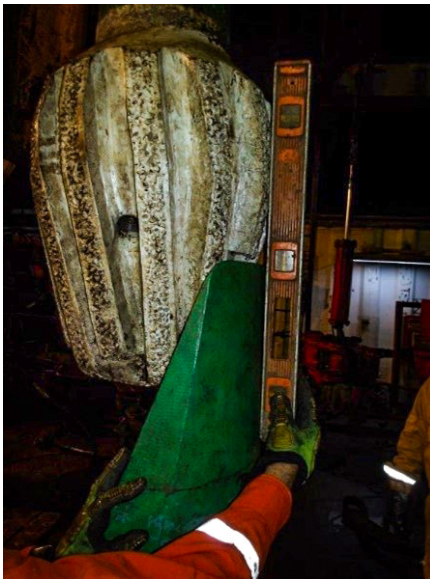
Execute a 20-inch offshore cased hole sidetrack across a K-55 grade casing with a hole inclination of 8.64° at setting depth and deliver a usable window exiting oriented at 116 RHS. The Whipstock system was selected after the customer's aim to perform a slot recovery operation.

SOLUTION

Wellbore Integrity Solutions (WIS) recommended and deployed the 20 inch TrackMaster Select Fastrack System configured with 17.5 inch OD bi-mill and a hydraulic expandable anchor along with a spacer in order to achieve a suitable depth to anchor far from the coupling.

RESULTS

- Successfully completed the window and rathole in a single trip, exceeding customer expectations.
- Delivered a high-quality window for smooth passage of subsequent directional BHA and casing string.
- Bi-Mill remained within acceptable gauge criteria.
- A 7.19 m long window was milled and 2 m of rathole drilled.
- Slot Recovery of a 17½ inch hole section was recovered, saving money for the customer.



**TrackMaster
Select™**

- A HISTORY OF INNOVATION
- UNRIVALED EXPERIENCE
- GLOBAL PRESENCE

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