Wellbore Integrity SOLUTIONS

# An Advanced Open Hole Sidetrack Application Saves 800 ft of Drilled Interval in a Middle East Well

A TrackMaster* OH system was successfully deployed across another previously set whipstock and through several washout areas to complete an unplanned sidetrack objective.

## CHALLENGE

The customer required an OH sidetrack to save a previously drilled 800 ft interval of 8⅜ in. open hole and continue drilling operations to TD. The whipstock had to be conveyed across the earlier placed whipstock and pass through several washout areas to reach the desired setting depth.

## SOLUTION

With thorough planning and experienced local personnel, the TrackMaster OH whipstock system was conveyed to the desired depth and set in position. The Open Hole Sidetrack was then completed successfully. The operation was concluded in a single trip.

## RESULTS

- The 8⅜ in. open hole sidetrack was completed in one trip and saved 800 ft of previously drilled interval.
- The sidetrack was completed in a total of 6 hours.
- The used bi-mill was within the acceptable gauge diameter as per criteria after the run, assuring a high-quality sidetrack.
- The subsequent directional RSS BHA passed freely through the window to continue drilling and meet the customers' objectives.

## Openhole sidetrack accomplished in 8⅜ inch hole size using the TrackMaster OH system.

As a result of a stuck pipe cutting operation, the WIS team worked closely with the client to develop a solution to sidetrack the well, taking into consideration the following points:

- The TrackMaster OH system had to pass across a previously set open hole whipstock set at 100ft below the shoe.
- The second whipstock was to be set at 800ft below the shoe, at an inclination of 30-degrees.
- The system was to be conveyed across several washout zones, as identified by the caliper log.

This advanced open hole sidetrack was planned and executed successfully in a single trip. The subsequent directional RSS assembly passed freely through the window to continue drilling, saving 800 ft of the previously drilled interval and meeting the overall well drilling objectives.