

## A Successful Sidetrack Operation in Malaysia Using a 9<sup>5</sup>/<sub>8</sub> inch TrackMaster CH\* Whipstock System Demonstrates Outstanding Milling Performance; Saves Rig Time and Cost

A sidetrack in 9<sup>5</sup>/<sub>8</sub> casing was successfully delivered in a single trip. The window was milled and an extended rat hole drilled in a total of 2.5 hours.

### CHALLENGE

To intersect a new target, the client wished to sidetrack an existing depleted well. At the sidetrack point in the wellbore, the Dog Leg Severity (DLS) was greater than 3 degrees / 100 ft. Additionally, a casing centralizer was also located at the planned window location. To facilitate subsequent directional drilling operations, an extended rat hole length was also planned.

### SOLUTION

WIS recommended running a 9<sup>5</sup>/<sub>8</sub> inch hydraulic set TrackMaster CH whipstock system with a tri-mill configuration to both mill the window and drill the extended rathole length.

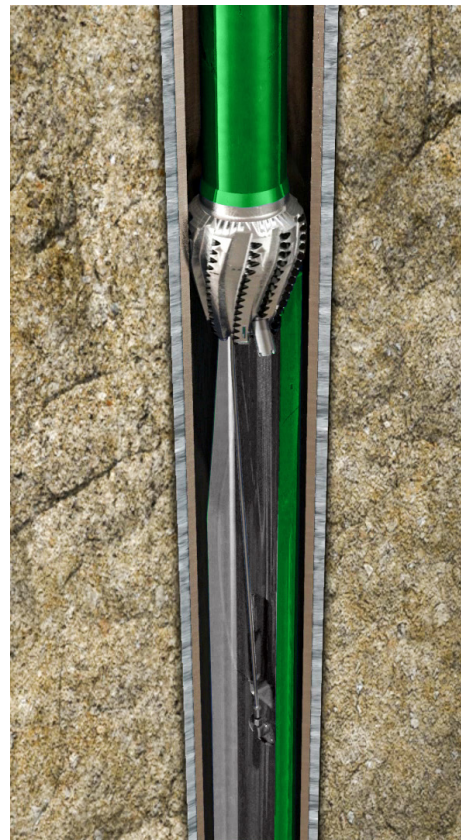
### RESULTS

- A successful 1-trip sidetrack achieved with no additional cleanout run.
- The casing window was milled and extended rat hole drilled in a total of 2.5 hours.
- The planned operational rig time for the sidetrack was reduced and saved costs.
- The subsequent 8<sup>1</sup>/<sub>2</sub> in. directional BHA passed successfully through the milled window and the well was drilled to Total Depth (TD), intersecting the desired target.



### A Best-In-Class Performance

The use of the hydraulic set TrackMaster CH whipstock with its' innovative tri-mill configuration delivered a full gauge, high-quality window in 9<sup>5</sup>/<sub>8</sub> inch casing, and drilled an extended rat hole in a total time of 2.5 hours. This is considered to be a record-setting performance in this location. The window quality was validated as the subsequent 8<sup>1</sup>/<sub>2</sub> inch directional Bottom Hole Assembly (BHA) passed through the window with no problems.



***A best-in-class 9<sup>5</sup>/<sub>8</sub> in. TrackMaster CH whipstock system performance in Malaysia saves rig time and cost.***