

# Continued Performance Reliability with the TrackMaster Select in Indonesia

Recent examples of successful one-trip sidetracks in East Kalimantan highlights a predictable, reliable performance in both 13<sup>3</sup>/<sub>8</sub> in. and 9<sup>5</sup>/<sub>8</sub> in. casing applications.

## CHALLENGE

A client required two successful single trip sidetracks in 13<sup>3</sup>/<sub>8</sub> and 9<sup>5</sup>/<sub>8</sub> inch casing. In both cases, an extended length rathole was required. The quality of the window created was also determined to be a critical factor in ensuring that the directional drilling bottom hole assemblies would not hang up when passing through the exit in the casing.

## SOLUTION

WIS proposed and planned the use of the TrackMaster Select one-trip sidetracking system, with the optimized configurations required for the customers' specific objectives.

## RESULT

- In both cases, a successful one-trip sidetrack was achieved.
- The milling time was considered to be "best in class" for the location.
- An extended length rathole was drilled in both cases.
- The mills used were determined to be within allowable gauge diameter tolerances after the window and rathole were completed.
- Subsequent directional drilling bottom hole assemblies passed through the window freely.



**Wellbore Integrity Solutions, Indonesia demonstrated an efficient milling performance and delivered a high-quality window for the customer on two recent sidetracks during Q1, 2020 in East Kalimantan.**

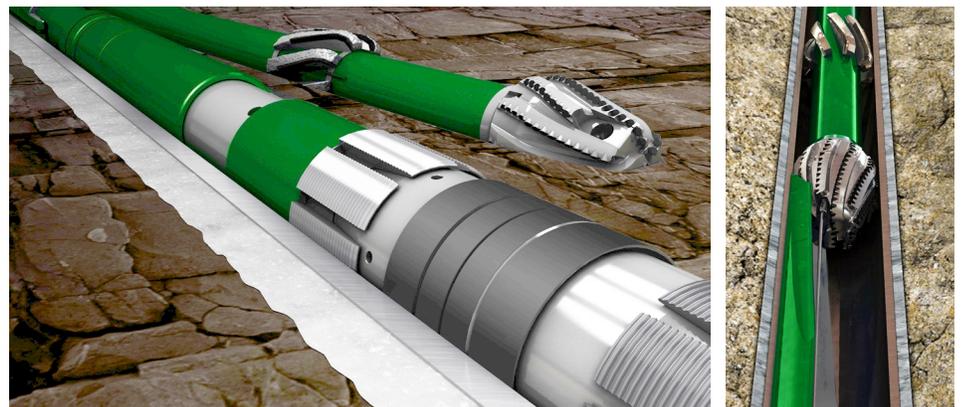
### Example 1

The TrackMaster Select\* system was configured with a hydraulic set, permanent packer style anchor. The window was milled in 9<sup>5</sup>/<sub>8</sub> in. casing, and an extended length rathole was drilled in a single trip in a total of 6.2 hours. The Tri-mill was determined to be within acceptable wear tolerances when inspected on the surface. The subsequent Rotary Steerable System (RSS) bottom-hole assembly passed through the window easily.

### Example 2

In the second example, a successful window was created in a single trip in 13<sup>3</sup>/<sub>8</sub> in. casing. This TrackMaster Select system was also configured with a hydraulic set, permanent packer style anchor. The full gauge window was milled, and an extended rathole drilled in a total of 18.3 hours. When the mill was inspected on the surface, the dress mill section was measured to be full gauge diameter. The subsequent directional drilling bottom hole assembly also freely passed through the window.

*In both the above examples, the milling time was among the "best in class" for the location. The customer expressed high satisfaction and recognized a notable performance from WIS.*



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