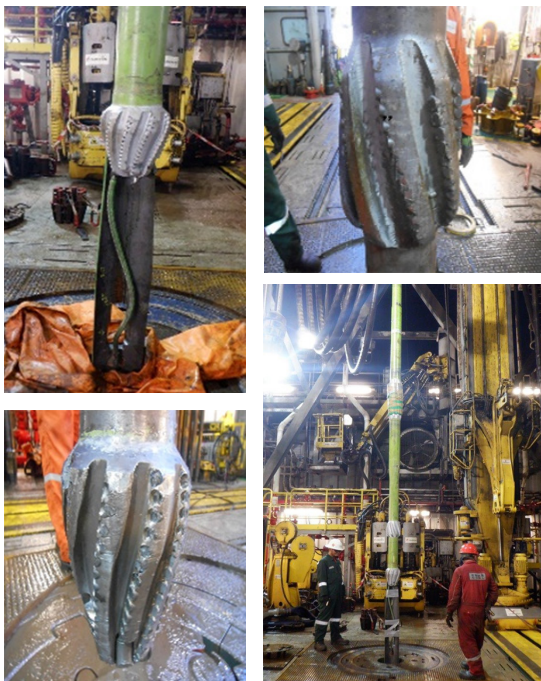


A Dual Casing Exit Success in Indonesia Using the TrackMaster Select*

Superior performance was achieved using the TrackMaster Select System with an Integral Tri-mill.

Multiple challenges were successfully completed on a difficult project.

The Wellbore Integrity Solutions' (WIS) Red Baron team in Indonesia worked with the customer to identify several factors that could pose potential problems when executing a 9 5/8 inch x 13 3/8 inch dual casing exit in one-trip.



The first TrackMaster Select System with an Integral Tri-Mill application for a dual casing exit 9 5/8 inch x 13 3/8 inch was successfully run in one single trip in Indonesia.

Challenges to consider:

- Vertical well, < 3 degree inclination
- Soft formation with UCS < 5 Kpsi
- Unknown cement integrity behind the outer casing

After a complete evaluation, the project's best option for success was to use the Trackmaster Select System with an Integral Tri-mill.

CHALLENGE

The customer approached the WIS Red Baron team to perform a dual casing exit in 9 5/8 inch x 13 3/8 inch casing. The quality of the window and associated risks were assessed. The vertical nature of the well and unknown cement integrity behind the outer casing had to be considered during the milling operations.

SOLUTION

A one-trip TrackMaster Select System with an Integral Tri-mill was proposed to the customer.

RESULTS

- Successful single trip 9 5/8 inch x 13 3/8 inch dual casing exit
- Completed the dual casing exit in one run at controlled ROP and in minimal time (16.5 hours)
- Subsequent directional drilling Bottom Hole Assemblies (BHA) passed the window smoothly with no issues



TrackMaster Select™

- A HISTORY OF INNOVATION
- UNRIVALED EXPERIENCE
- GLOBAL PRESENCE

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