

# X-treme WindowMaster whipstock system increases efficiency, enables cleaning up in same trip, eliminates NPT in North Sea sidetrack operation

## CHALLENGES

- Making up traditional whipstocks on the rig floor adds time, introduces safety risks
- Weak whipstock design reduces tripping speeds, limits applied torque when working through restrictions
- Traditional whipstock deployments require upfront cleanup run to ensure a clean, unobstructed mother bore
- Hard cement found in the casing till the sidetrack point
- 9.625, 53.5, L-80 , 35 deg

## SOLUTION

[X-treme™ WindowMaster™ whipstock system](#) selected due to:

- A 360-degree connector that withstands high loads, rotates with high torque, pushes through restrictions
- Modular scraper cleans casing all the way to setting depth, without slowing tripping speeds
- Strong, pre-made mill/whipstock connection minimizes personnel on rig floor and decreases deployment time
- Robust anchor design with few moving parts can be activated via annular pressure or mechanically

## RESULTS

- Decreased carbon emissions by reducing time for casing exit service
- Avoided a cleanout run by pushing through debris or wellbore restrictions with no connection damage
- No nonproductive time recorded during the entire operation
- Improvement in running speed by 3 times
- Managed to work thru hard cement found inside the casing and reach setting depth