

X-treme WindowMaster whipstock system shortens run-in and milling time and eliminates the clean out trip 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
- Milling thru the casing centralizers poses longer milling times

SOLUTION

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

- A 360-degree collar 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
- Running speed was three times faster
- Mill window completed in 5.8 hours, well under the 10-hour target