

# X-treme WindowMaster whipstock system improves tripping speeds, passes thru restrictions, saves rig time in offshore sidetracking job

## 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
- Passing thru significant oval casing and setting the whipstock
- Able to have the back up plan, if unable to set the anchor by hydraulics
- Milling thru the centralizers
- 9.625, 53.5, P-110 , 43 deg

## SOLUTION

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

- A unique mill to whipstock connector that withstands high loads, rotates with high torque, pushes through restrictions
- Faster tripping speeds with less risk of connection damage
- Improved rig-floor handling since lead mill comes pre-made to connector
- Robust anchor design with ability to set on solid base if fail to set hydraulically

## RESULTS

- Decreased carbon emissions by reducing time for casing exit service
- Average tripping speed was 3 times faster as compared to a conventional system
- Managed to work thru the restrictions by 30 tons push and rotation
- Milling window completed in 5.5 hours,
- Analysis by xSight™ analytics service confirmed a superior milling job compared to conventional systems