

# X-treme WindowMaster whipstock system completes first sidetrack on unsupported dual string casing in a single trip

## CHALLENGES

- Sidetrack 9 5/8 in. #53.5 P-110 casing (uncemented) and 13 3/8 in. #72 P110 (uncemented) in soft formations
- Deepwater well with high doglegs near exit point
- Avoid costly cleanout trips after setting cement plug
- Deliver time and cost savings

## SOLUTION

- The **X-treme™ WindowMaster™ whipstock system** and **X-treme™ anchor** were selected due to its capability to:
  - Improve tripping speed
  - Withstand up to 100,000 lbs. push/pull force for scrapping and passing through restriction
  - Mill a casing window in any casing grade and any formation type
- Baker Hughes pre-assembled the whipstock and the mills. This enabled the operator to efficiently pick up the complete assembly

## RESULTS

- Saved 6.5 hours on dual casing string compared to previous job performed by competitor on single casing string
- Enabled successful sidetrack from a difficult kick-off point
- Allowed customer to pull out of the hole after a failed MWS (measurement while drilling) with out any issues
- Decreased carbon emissions by reducing sidetrack time

