

SWIVELMASTER

OFFSHORE BRAZIL



PRODUCT
SwivelMASTER

PRODUCT LINE
Drilling & Deployment

BASIN
Offshore Brazil

The Challenge

An operator in Brazil had concerns with their ability to deploy the lower completion to total depth in their horizontal, offshore well. String drag and pipe buckling were possible issues the operator was looking to avoid along with a hookload concern if friction increased.

The Solution

Drill pipe based SwivelMASTER allows landing string rotation and subsequent drag reduction without transferring torque to the screen section. In order to mitigate the hookload concern, rotation was predicted to be required. The fit-for-purpose locking mechanism match operational requirements without additional string manipulation.

The Result

The SwivelMASTER performed as expected and successfully navigated through tight spots to reach TD, boasting 50k lbs. average hookload gain and an average of 70k lbs. during string rotations. The SwivelMASTER swiveled for a total of 1.98 hours at an average of 35 rpm. TD was reached, the screen drop successfully released and the tool traveled back to surface with out issue.



Offshore
Brazil

Application

- Horizontal, Offshore Well
- 9-5/8" Casing Section @ 3,887m
- 5-1/2" Screens Lower Completion

