



# TEPNG Ofon

## Well Clean Up

### Project description

TOTAL contracted Bourbon for services including the provision of a vessel to support a well clean up operation. The well had been shut-in for 6 months with mud/ and brine, and needed to be put back in production.

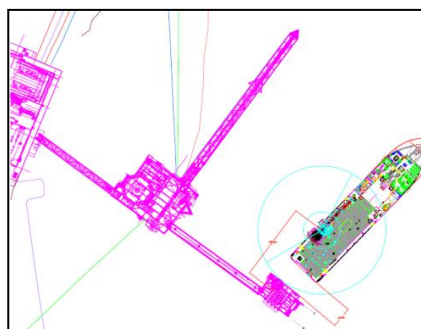
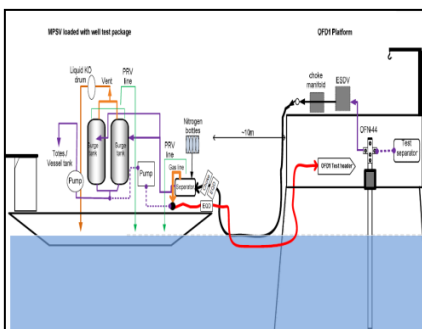
Bourbon Evolution 801 was selected as it is fitted with additional storage capacity, centrifugal pumps, and hydrocarbons separators. Bourbon received an "Operational Excellence" Award from TOTAL for this operation.

### Challenges

TOTAL decided to use a DP3 vessel instead of a jack up rig. The vessel had to maintain position stern to the platform, in close vicinity of a flare, connected to the rig via 2 flexible hoses. The operations safety management demanded significant consideration as to the involved equipment set-up, integration and operations including all phases from the vessel through to the well, and emergency response scenarios.

### Our solution

The vessel support team and vessel crew went through a complete flow analysis including reservoir, well, platform and vessel, with a special focus on the shutoff valves. The risk analysis process allowed the management onboard to reach a excellent understanding of the system configuration, the risks, and associated mitigation measures. The emergency shut down process was worked out in collaboration with TOTAL. DP3 ensured station keeping reliability within a congested environment, whilst connected to the platform.



#### Client

Total E&P Nigeria Limited

#### Location

Nigeria – OML 102 – Ofon 44

#### Duration

January 2017 – 14 days

#### Resources

- Bourbon Evolution 801

#### Services

- Vessel supply with marine crew
- Deck personnel
- FiFi Response / Emergency
- Oil pollution prevention