

## TESTING

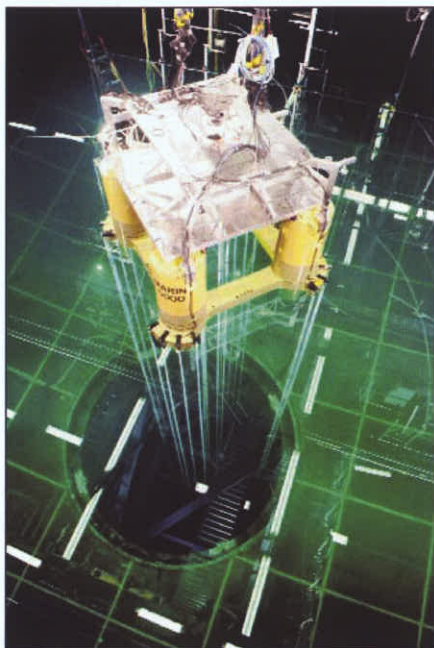
### Model testing milestone for ETLP

Scale model tests are underway on what will be the world's deepest Tension Leg Platform (TLP), with the test programme expected to last around 5 weeks.

The tests using MARIN's (Maritime Research Institute Netherlands) Offshore Basin are also utilising a 98ft (30m) deep pit in the basin, because of the water depth in which the Extended TLP will be installed.

The test is also an impressive milestone for MARIN itself, as it marks the institute's 9,000th model test since the institute began back in 1932.

The eventual facility designed by FloaTEC is destined to sit in 5,187ft (1,581m) of water in the Gulf of Mexico, situated on Chevron's **Big Foot** development in **Walker Ridge Block 29**. The platform will be a local host with dry trees and associated Top Tensioned Risers (TTRs), with



full drilling, workover and sidetrack capability on the topsides. Chevron is the operator of Big Foot, with its partners being Statoil and Marubeni Oil & Gas.

The scale model tests are focusing on the behavior of the platform in GoM hurricane conditions, utilising the deep pit in the basin together with its dedicated wave generators, wind fans and special current generation system. The results will be used by the designers to check the performance of the design and optimise the motion behaviour of the system.

The deep pit in the Offshore Basin has been used to carry out scale model tests on many major deepwater

TLP projects, including **Shenzi, Pony, Okume, Ormen Lange** and **West Seno**, as well as Shell's **Perdido Spar** (with its TTRs).

## Calendar

### 2010

#### MAY

**10-12 Eastern Africa Energy Week**  
Nairobi, Kenya  
[www.petro21.com/events](http://www.petro21.com/events)

**18-20 Mediterranean Offshore**  
Alexandria, Egypt  
[www.moc-egypt.com](http://www.moc-egypt.com)

#### JUNE

**2-4 2nd Western Africa Energy Week**  
Accra, Ghana  
[www.petro21.com/events](http://www.petro21.com/events)

**7-9 Pre-Salt Brazil 2010**  
Rio de Janeiro, Brazil  
[www.presaltcongressbrazil.com.br](http://www.presaltcongressbrazil.com.br)

**10-11 Subsea Asia 2010**  
Kuala Lumpur, Malaysia  
[www.subseaasia.org](http://www.subseaasia.org)

#### AUGUST

**24-27 ONS**  
Stavanger, Norway  
[www.ons.no](http://www.ons.no)

#### NOVEMBER

**1-5 17th Africa Oil Week**  
Cape Town, South Africa  
[www.petro21.com/events](http://www.petro21.com/events)

# Quest Brazil Outlook Report

This report provides you with an outlook on the future deepwater oil & gas field developments offshore Brazil, with current estimates in excess of 100 billion barrels of reserves in the Pre-Salt play alone, the exponential growth in Brazil will challenge not only local resources, but also the global Supply Chain. This report reviews both the known as well as the anticipated growth in this market and the volume of opportunity within currently the world's most prolific deepwater province.

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