



# Weatherford®

## REAL RESULTS

### DwC™ System Improves Casing Running Efficiency on Offshore Development Wells, Saves Operator Rig Time and \$35,000 per Well

#### Objectives

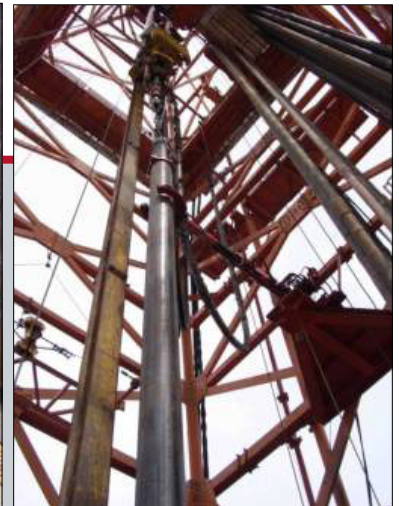
- Run 9 5/8-in. casing in three offshore development wells using different methods for each well in an effort to find the best practice to improve casing running efficiency and enhance operational safety.

#### Results

- The operator ran 9 5/8-in. casing using conventional methods on the first well with spider elevators and fill-up tool.
- The operator ran 9 5/8-in. casing in the second well using a DwC (drilling-with-casing) modified casing spear.
- A comparison of the two methods found that using the DwC spear improved casing running efficiency by 2.9 hr compared with conventional methods.
- Weatherford's Stabberless® system was deployed for use in conjunction with the DwC system. The operator now runs all 9 5/8-in. casing strings using the DwC modified casing spear, for a more safe, efficient and cost-effective total depth solution.

#### Value to Client

- Using the DwC modified casing spear in conjunction with the Stabberless system enabled the operator to run and fill up 9 5/8-in. casing in 2.9 hr less time than when using conventional methods, improving operational efficiency and saving the operator US\$35,000 per well.



The DwC modified casing spear is a simple, top-drive casing-running tool that enables immediate fill-up, circulation and rotation of the casing string at any time, resulting in reduced nonproductive time and quicker running of casing to total depth.

#### Location

Peninsular Malaysia

#### Rig Type

Jackup

#### Well Type

Offshore development

#### Hole Size

12-1/4 in.

#### Hole Angle

Horizontal

#### Casing Size and Type

9 5/8-in., 47 lb/ft, L-80

#### Products/Services

- DwC modified casing spear
- 402NP float collar
- SpiraGlider™ centralizer system
- JAMPro™ system
- StabMaster™ system
- Stabberless system

Weatherford  
Drilling-with-Casing (DwC)  
dwc@weatherford.com