

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
- JÅMPro[™] system
- StabMaster[™] system
- Stabberless system

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