

Tubular Running Services Runs Casing in Doubles and Saves \$800,000 in Two Wells

Objectives

- Improve casing-running speeds by delivering a cost-effective solution in a short time frame.
- Enhance safety by eliminating personnel from the red zone on the rig floor during casing-running operations and, therefore, enable the client to meet the health, safety, security, and environmental (HSSE) target.

Our Approach

- Weatherford and the operator agreed upon using the rig's existing capabilities to make up doubles of casing offline away from the main drilling activities.
- The Weatherford team deployed a rack-back solution—which included the JAMPro™ torque-monitoring system and a 14-50 power tong with free-floating backup—to make up the doubles offline and rack them back in the derrick.
- The JAMPro system recorded all connections made up offline and saved the information in its database to later combine it with data from connections made up at well center.
- The team deployed the OverDrive™ casing-running system to run the joints in doubles. The OverDrive system—a combination of several conventional casing-running tools—eliminated the need for personnel in the rig-floor red zone to run casing.
- The JAMPro system enabled monitoring of connection makeup, and 193 connections were accepted with confidence.
- The job was completed in both wells with more than 40 operational hours logged and no HSSE issues or nonproductive time.
- The operator produced the wells as planned without unexpected delays or costly workovers.

Value to Client

- The Weatherford rack-back solution ran 12 to 14 doubles per hour—which saved rig time valued at US \$800,000.
- The all-in-one OverDrive system enhanced safety by replacing conventional equipment and the personnel typically needed to operate that equipment and, in turn, enabled the client to meet the HSSE safety target.
- The JAMPro system provided real-time monitoring and confirmation of the reliable makeup of all connections.



Offline stand building enabled the Weatherford team to run joints in doubles, to increase casing-running efficiency, and to exceed client expectations.

LOCATION

Brunei

WELL TYPE

Offshore, development

RIG TYPE

Jackup

NUMBER OF WELLS

2

TUBULAR SIZES AND TYPES

- 13 3/8-in., 72-lb/ft VAM Top® L80
- 9 5/8-in., 53.5-lb.ft VAM Top P110
- 7-in., 32-lb/ft VAM Top Q125

PRODUCTS/SERVICES

- OverDrive casing-running system
- JAMPro torque-monitoring system
- 14-50 high-torque casing tong
- 7.6-30 hydraulic tubing tong
- Electric hydraulic power unit



* Total Depth is a registered trademark of Weatherford in the US. VAM Top is a registered trademark of Vallourec Oil and Gas France.