



Weatherford®

REAL RESULTS

OverDrive™ System Safely Runs Premium Casing Stands, Triples to TD, Eliminates NPT

Objectives

- Reduce casing running times by running triple casing stands through tight hole formations.
- Enhance safety by introducing mechanized tubular running equipment and reducing manual equipment handling and the number of personnel on the rig floor.
- Ensure all premium connections are made up correctly to accurate makeup torque.

Results

- Weatherford deployed the remotely operated *OverDrive* system, featuring the *TorkDrive* 500 M internal clamping tool, equipped with the integrated *TorkSub*™ and *TorkPro*™ torque monitoring systems.
- The *TorkDrive* tool was used to make up all casing connections with no rejects. The *TorkSub* and *TorkPro* electronic load cells provided a realtime graphical display of the connection makeup with a permanent record of all makeup graphs.
- The operator was able to run 70 joints as singles from the barge via the high wire and 70 stands of triples from the setback area, eliminating nonproductive time of laying out pipe and reaming the hole conventionally.
- At 7,152 ft (2,810 m), the *Overdrive* was used to rotate, circulate, and reciprocate for a period of 45 minutes through tight hole formations.
- A total of 10,337 ft (3,151 m) of casing was successfully run, rotated, and pushed down to total depth.

Value to Client

- Using Weatherford's *OverDrive* system enabled the operator to run in triples through tight hole conditions and trouble zones while applying the required torque values to achieve target depth without having to lay out the pipe and ream the hole using conventional technology.
- The remotely operated *OverDrive* system eliminated the need for a stabber and power tong operator on deck, enhancing operational safety.
- The *TorkSub* and *TorkPro* torque monitoring systems precisely applied torque values to the premium casing connections, eliminating the possibility of damaged tubing.



Weatherford's remotely operated *OverDrive* casing running and drilling system with the *TorkDrive* tool successfully ran in premium casing stands and triples to target depth without having to ream the hole, eliminating nonproductive time (NPT) and enhancing rig personnel safety.

Location
Brunei

Well Type
Offshore, oil

Run Length
10,337 ft (3,151 m)

Casing
9 7/8-in. 62.8-lb/ft VAM® TOP Q-125

Products/Services

- Tubular running services
- *OverDrive* casing-running system
- *TorkDrive* 500 M tool
- *TorkSub* and *TorkPro* torque monitoring systems

VAM is a registered trademark of Vallourec Mannesmann Oil & Gas France Corporation.

Weatherford
Aaron Dauphine
Global OverDrive Product Champion
aaron.dauphine@weatherford.com

Weatherford products and services are subject to the Company's standard terms and conditions, available on request or at weatherford.com. For more information contact an authorized Weatherford representative. Unless noted otherwise, trademarks and service marks herein are the property of Weatherford and may be registered in the United States and/or other countries. Weatherford products named herein may be protected by one or more U.S. and/or foreign patents. For more information, contact patents@weatherford.com. Specifications are subject to change without notice. Weatherford sells its products and services in accordance with the terms and conditions set forth in the applicable contract between Weatherford and the client.