

# **REAL RESULTS**

### BOPs Shear Large Drillpipe, Meet Legislative Requirements for Offshore Well in Denmark

### **Objectives**

- Provide blowout preventers (BOPs) capable of shearing a large drillpipe, enabling the operator to perform underbalanced drilling operations. The operator was attempting underbalanced drilling operations on an offshore platform that required a  $4- \times 5$  7/8-in. drillpipe.
- Comply with Danish legislative requirements. The existing BOPs on the platform did not have the proper shearing capacity required by Danish legislative requirements.

#### Results

- Weatherford personnel assembled and tested the following BOP configuration for the operator: 13 5/8-in., 15K double ram BOP with shear bonnets; 13 5/8-in., 10K double ram BOP; and 13 5/8-in., 10K annular BOP GX-S.
- The operator deployed and successfully sheared the drillpipe, enabling the operator to perform the underbalanced drilling operations and comply with Danish legislative requirements.

## Value to Client

- Using Weatherford's assembled BOP configuration enabled the operator to shear the drillpipe safely and comply with Danish legislative requirements, saving the time and costs associated with alternative drilling solutions.
- Underbalanced drilling operations were conducted safely and efficiently, saving rig time and associated costs.



Weatherford's BOP configuration enabled the operator to shear a large drillpipe and comply with local governmental regulations, facilitating successful underbalanced drilling operations.

Location Danish North Sea, Denmark

Well Type Offshore, underbalanced

Drillpipe Size  $4 \times 5-7/8$  in.

**Depth** 17,388 ft (5,300 m) MD

Casing 7 in.

#### **Products/Services**

- 13 5/8-in., 15K double ram BOP with shear bonnets
- 13 5/8-in., 10K double ram BOP
- 13 5/8-in., 10K annular BOP GX-S
- 5K downhole deployment valve
- NC38 double flapper valves

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