



# Weatherford®

## REAL RESULTS

### StarBurst™ Whipstock System Allows Drilling to Resume on North Sea Well

#### Objectives

- Remediate a failed well after multiple unsuccessful attempts by another service company to run a whipstock to setting depth and create a window in 9 5/8-in 53.5-lb/ft casing.

#### Results

- Weatherford installed its *StarBurst* whipstock system with a running tool to reduce the hydraulic forces working on the shear bolt (the presumed cause of failure with previous attempts to set a whipstock). A slot cut in the pressure plate enhanced flow through the packer and whipstock, further reducing forces on the shear bolt.
- The whipstock was deployed into the wellbore, and a smooth, full-gauge window and rathole were successfully completed.
- The operation was planned, professionally supported, and safely executed by the operator and Weatherford personnel.

#### Value to Client

- Prior to the *StarBurst* installation, StatoilHydro was losing considerable sums of money every day in an area where rig rates were extremely high.



#### Client

StatoilHydro

#### Location

North Sea, Norway

#### Formation

Hard sandstone

#### Well Type

Production

#### Hole size

8-1/2 in.

#### Hole Angle

67° to 69° at kick-off point

#### Casing Type and Size

9 5/8-in., 53.5-lb/ft, P-110

#### Setting Depth

13,566 ft (4,136 m)

#### Run Length

Milled 33 ft (10 m), including 16.4 ft (5 m) open hole

#### Products/Services

- Fishing and re-entry services
- *StarBurst* whipstock system