



# Weatherford®

## REAL RESULTS

### Cool Running of Weatherford's Directional Tools—Even at 298°F

#### Objectives

- Drill 8 1/2-in. lateral using Weatherford's *StarBurst*™ multilateral system to access a Bunter Sand gas-bearing structure.
- Complete the well with either 7- or 3 1/2-in. tubing, depending on whether the Bunter Sand structure was virgin or fully depleted.
- Produce the lateral until the new Bunter Sand structure and mother-bore pressures equalize.
- Access the mother bore at a future date by perforating across the *StarBurst* whipstock to allow production from both lateral and mother bore.

#### Results

- "The installation of the *StarBurst* ML system and window cutting operation was faultless and completed on time without any incidents or accidents, a very competent operation.
- The side-track operation was completed successfully despite encountering severe losses.
- The well was successfully completed and cleaned up.
- The well has now been hooked up to the platform production facilities and [is] presently producing at over 30 mmscf/d, in line with expectation."

—K. Jardaneh, DS

#### Value to Client

- "The *StarBurst* system has been used to maintain a future production access from the mother bore of well P18-2A6st. This has been successfully accomplished."

—K. Jardaneh, DS



**Client**  
BP

**Location**  
North Sea, Dutch sector

**Formations**  
Bunter Sand

**Depth**  
8,202 ft (2,500 m)

**Pore Pressure**  
4.2 ppg

**Well Type**  
Multilateral

**Hole Size**  
9 5/8-in. system with 8 1/2-in. lateral

**Products/Services**  
*StarBurst* multilateral system