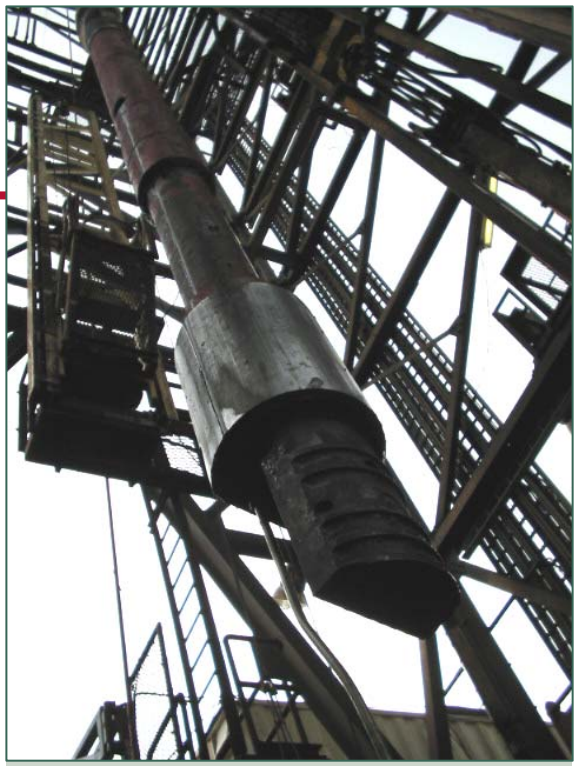
Weatherford®

REAL RESULTS

9 5/8-in. StarBurst™ Multilateral System Sets at New Depths in ERD Well at Remote Location



Objectives

- Set the *StarBurst* multilateral system at a depth of more than 19,297 ft (5,882 m), and successfully mill a window in the 9 5/8-in. production casing.
- Create a long, full-gauge window capable of allowing a smooth transition for the drilling bottomhole assembly.
- Create a casing exit in an extended-reach well where milling weight and rate of penetration are restricted by helical drillstring buckling.

Results

- The *StarBurst* system was successfully deployed at the targeted setting depth despite torque and drag issues.
- The *StarBurst* running tool was used to push the whipstock to depth. The unique shoulder profile of the running tool allowed the *StarBurst* concave assembly to be run in hole to depth through the extended horizontal section of the well.
- A smooth, full-gauge window was achieved.
- The versatility and simplicity of the *StarBurst* system allowed the crew to create the casing exit using a procedure modified for extended-reach drilling (ERD) operations.

Value to Client

- Use of the *StarBurst* system allowed the operator the opportunity to reach new targets while avoiding problem formations with a minimal amount of drilling.
- The *StarBurst* system provided a cost-effective solution that enabled the operator to carry out a casing exit operation at extreme depth.

Client
Major operator

Location
Equatorial Guinea

Depth
19,297 ft (5,882 m)

Main Bore
9 5/8-in., 47.0-lb/ft L80 casing

Lateral
8 1/2-in. hole

Products/Services
StarBurst multilateral system

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Real Result RR 3468.01