



Weatherford®

REAL RESULTS

Shallow-Angle QuickCut™ Window Milling System Performs Well for BP on Magnus

Objectives

- Create a casing exit in a single trip.
- Create a window measuring 23 ft(7 m).
- Mill 90 ft (27 m) of mudstone for RSS.
- Lead mill gauge not to exceed 0.25.
- Secondary and steering mill gauge loss not to exceed 0.125 in. (3.2 mm).

Results

- Exited and drilled formation in a single trip.
- Milled 23 ft of steel in 3 hr.
- Drilled 90 ft of mudstone in 5 hr.
- Mill gauge loss was negligible.

Value to Client

- Longer window facilitates deployment of stiff drilling and completion components through the window.
- Increased milling efficiency and gauge protection reduces rig time and trips to condition window.



Client
BP

Location
North Sea UKCS

Formation
Mudstone

Depth
9,810 ft (2,990 m) at 41° inclination

Casing Size
9-5/8 in., 47 lb/ft

Hole Size
8-1/2 in.

Window Size
23 ft (7 m) long with 65° RHS exit azimuth

Number of Trips
1

Products/Services
Shallow-angle *QuickCut* casing exit system