



Weatherford®

REAL RESULTS

Shallow-Angle QuickCut™ Casing Exit System Reduces Rig Time, Saves Costs for North Sea Independent

Objectives

- Create a window measuring 20 ft (6 m) in length through 9 5/8-in., 47-lb/ft casing in a single trip, using the mechanical-trip shallow-angle *QuickCut* system at 3,189 ft (972 m).
- Mill 49 ft (15 m) of shale formation for a rotary-steerable system (RSS).
- Restrict lead-mill gauge loss to < 0.25 in.
- Restrict secondary and steering mill gauge loss to < 0.125 in.

Results

- Oriented at 53° right of high side (ROHS) and exited in a single trip.
- Milled 20 ft (6 m) in 5-1/2 hr.
- Milled/drilled 49-ft (15-m) formation in 1/2 hr.
- Lead-mill gauge loss was negligible.
- Secondary mill loss was 0.125 in.

Value to Client

- The increased milling efficiency and gauge protection of Weatherford's shallow-angle *QuickCut* casing exit system reduced rig time and trips to condition the window, saving the client both time and costs.
- The longer window facilitated the deployment of stiff drilling and completion components through the window for a more efficient operation.



Location
North Sea

Formation
Shale

Depth
3,189 ft (972 m)

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

Rig Type
Jackup

Hole Size
8-1/2 in.

Number of Trips
1

Products/Services
9 5/8-in. mechanical-trip, shallow-angle *QuickCut* casing exit system