



Weatherford®

REAL RESULTS

Shallow-Angle QuickCut™ Casing Exit System Performs Again for North Sea Independent

Objectives

- Create a window measuring 20 ft (6 m) in length through 9 5/8-in., 47-lb/ft and 13 3/8-in., 68-lb/ft casing in a single trip, using the QuickPack™ shallow-angle *QuickCut* system at 2,680 ft (817 m).
- Mill 75 ft (23 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 41° right of high side (RHS) and exited in a single trip.
- Milled 20 ft (6 m) in 4-3/4 hr.
- Milled/drilled 75-ft (23-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 both time and costs for the client.
- The longer window facilitated the deployment of stiff drilling and completion components through the window for a more efficient operation.
- No bridge or cement plug was needed to trip the whipstock, resulting in cost and time savings.



Location
North Sea

Formation
Shale

Depth
2,680 ft (817 m)

Casing

- 9-5/8 in., 47 lb/ft
- 13-3/8 in., 68 lb/ft

Rig Type
Jackup

Hole Size
8-1/2 in.

Number of Trips
1

Products/Services

- 9 5/8-in. hydraulic *QuickPack*
- Shallow-angle *QuickCut* casing exit system