High-Efficiency Scale Removal in North Sea Well
More than 7 metric tons of scale removed using Jet Blaster service and Neyrfor TTT thru-tubing turbodrill

Background
An operator needed to reverse declining production in an offshore well that suffered from heavy barium-sulfate (BaSO₄) scaling. The Jet Blaster® engineered high-pressure jetting service and Neyrfor TTT* thru-tubing turbodrill were used in combination to efficiently clean out scale. A multicycle circulating valve (MCCV) was used to preserve the life of downhole tools and to enable higher pump rates for enhanced transport to surface. More than 7.5 metric tons of BaSO₄ was removed from an 11,467-ft section of well and recovered at the surface. The scale was successfully ground into fine particles, which helped ease flow to surface.

Technologies
- Jet Blaster engineered high-pressure jetting service
- Neyrfor TTT thru-tubing turbodrill

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The Jet Blaster service uses carbide nozzles with swirl eliminators to increase hydraulic efficiency, and the drift ring controls ROP for positive, one-pass cleaning.