

**Drilling fluid** Oil-based mud (OBM)

**Background**

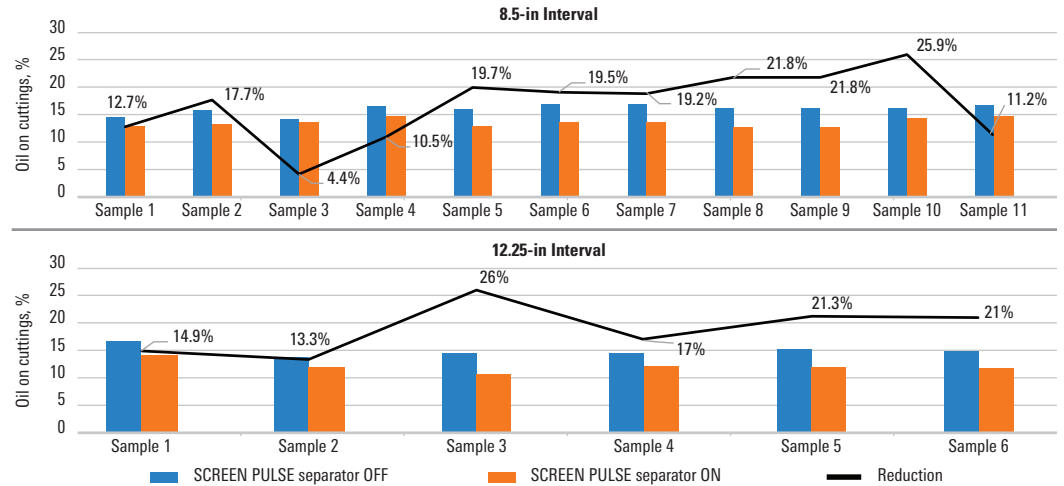
A North Sea operator needed to minimize waste, costs, and HSE risk while drilling multiple well sections with OBM. M-I SWACO, a Schlumberger company, recommended installing the SCREEN PULSE\* fluid and cuttings separator to improve the fluid recovery of the operator’s existing VSM-300 shakers. The innovative separator stripped the cuttings of free fluid, reducing oil on cuttings (OOC) by up to 26% compared with the shakers alone.

**Technology**

SCREEN PULSE fluid and cuttings separator

# Pulsating Separator Technology Helps North Sea Operator Reduce Oil on Cuttings by up to 26%

SCREEN PULSE fluid and cuttings separator saves operator USD 36,361



Cuttings samples show the SCREEN PULSE fluid and cuttings separator reduced OOC in the 8.5-in and 12.25-in sections by up to 26% over a 13-day period. By optimizing separation efficiency, the operator reduced OOC by an average of 17.9% compared with when the separator was not in use, helping the operator save on average USD 2,797/d in drilling fluid costs while drilling the two sections.

\*Mark of M-I L.L.C., a Schlumberger company  
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