

Dual Pool® shakers prove to be 25% more efficient than competitor shakers offshore Norway

- Four (4) DP 626 shakers delivered the same performance as five (5) VSM 300 shakers
- Lower capital investment, easier installation, and lower operating costs

Situation

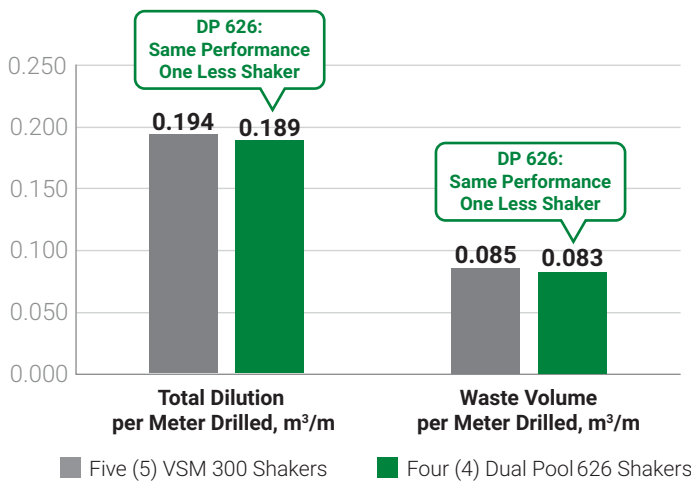
A major international oil and gas company needed to upgrade the shale shakers for the drilling facility on a fixed platform on the Norwegian continental shelf. The need to change was driven by working environment factors to include noise, vibration, and oil vapor/oil mist in the shaker house. However, solids removal performance could not be compromised.

Solution

The operator and their contract drilling partner chose to install four (4) Derrick® Dual Pool® 626 shale shakers in place of the five (5) NOV® VSM™ 300 shale shakers. The shakers were installed during a scheduled drilling stop with support of Derrick’s Norwegian Distributor. The DP 626 shakers include unique design features that provide substantially higher processing capacity than the VSM 300. Due to the higher capacity, only four (4) DP 626 shakers were needed to replace five (5) VSM 300 shakers and ensure the same solids removal performance.

Performance

Four 8-1/2” production intervals drilled with the four (4) DP 626 shakers were compared with four previous 8-1/2” production intervals drilled with five (5) VSM shakers.



Lower Operating Costs

Screen Consumption: The four (4) DP 626 shakers used far less screens for lower consumables cost and less waste.

Well	Shaker	Depth (meter)	Total Screens	Meters Drilled per Screen
1	VSM 300	6390	311	20.55
2	VSM 300	9952	353	28.19
3	DP 626	12192	248	49.16

Power Consumption: The four (4) DP 626 shakers consumed 50% less power than the five (5) VSM 300 shakers.

Shaker Type	Number of Shakers	Motor Power (Kw)	Motor per Shaker	Total Power (Kw)
DP 626	4	1.86	2	15
VSM 300	5	2.98	2	30

For more information, please contact your local Derrick sales representative.

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