

Background

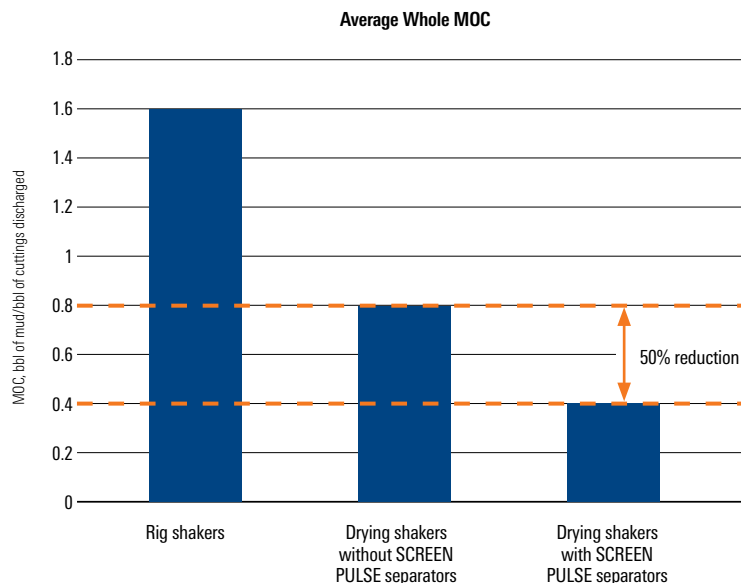
Concerned about the high volume of HydraGlyde system fluid lost at the shakers, an operator needed a way to reduce mud on cuttings (MOC). The operator decided to install SCREEN PULSE fluid and cuttings separators on three MONGOOSE PRO dynamic dual-motion shale shakers. Used with DURAFLO composite replacement screens, the SCREEN PULSE separators maximize fluid recovery and shaker performance in the high-ROP environment of the Eagle Ford shale.

Technology

- HydraGlyde* high-performance water-based drilling fluid system
- SCREEN PULSE* fluid and cuttings separator
- DURAFLO* composite replacement screen
- MONGOOSE PRO* dynamic dual-motion shale shaker

SCREEN PULSE Separator and DURAFLO Screens Help Texas Operator Reduce Fluid Discharge by 75%

Fluid and cuttings separator with composite replacement screens enables 12 bbl/day recovery of HydraGlyde system fluid



Using these technologies, the operator reduced fluid discharge by 75% compared with the fluid discharge from rig shakers, and reduction of 50% compared with that from drying shakers only. This led to a recovery of 12 bbl/day of the HydraGlyde system.