



Independent Contractor Ranks Shakers

Youngquist Brothers, Inc. recently conducted an extensive equipment evaluation test comparing the performance of the Derrick Flo-Line® Cleaner 2000 4-panel (equipped with Pyramid™ Screens DX™210s), the Thule VSM 300 (equipped with Rig Tech 210 screens), and the Brandt Cobra. This side-by-side comparative test was performed by drilling a well in Boward County, near Fort Lauderdale, Florida.

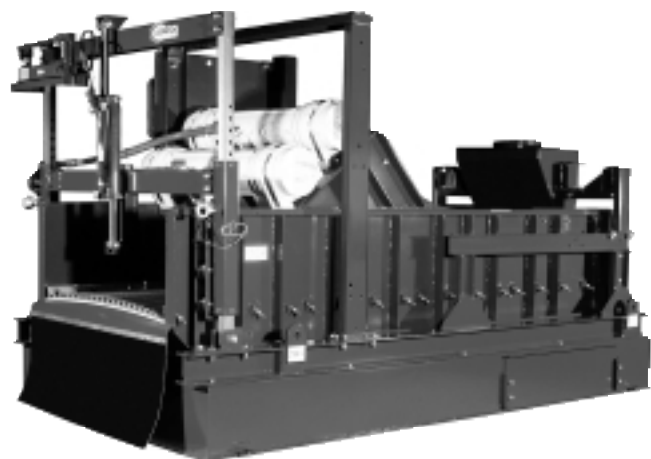
Testing Procedure

In order to adequately compare the various shakers, Youngquist conducted three (3) separate side-by-side tests over a two day period keeping all controllable drilling variables the same. Each test was designed to target a specific stratigraphic formation type ranging from gumbo (hydrated clays) to sand and clay particles. In all three tests the amount of solids generated averaged 483 BBLS/day, the ROP averaged 10 feet/hour, the circulating rate remained at 1,800 GPM, the hole size was 48 inches and the mud weight was kept at a constant 9.1 ppg.

(See Test Results on the back page)

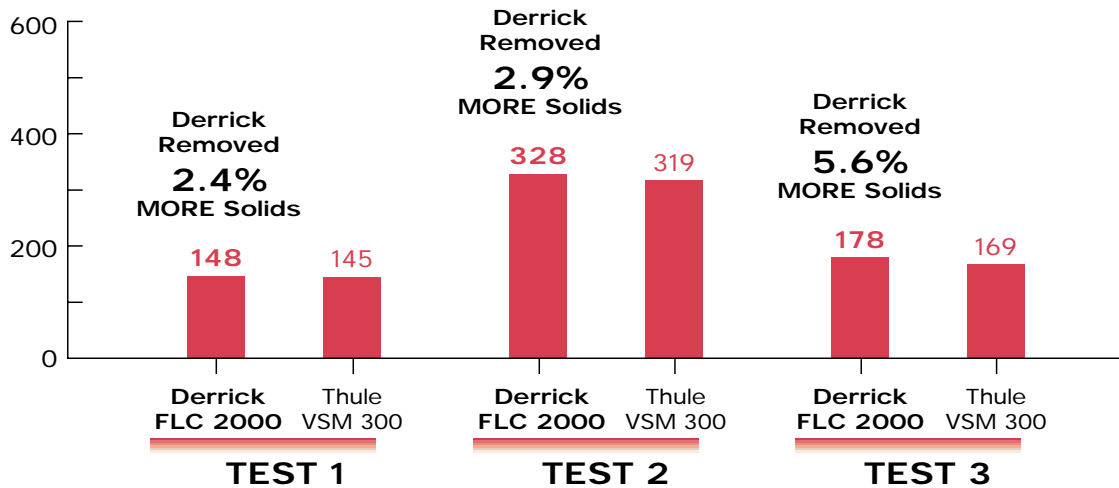
*"I prefer the **Derrick High-G shaker (FLC 2000 4-panel)** over the Rig Tech VSM 300. The High-G requires very little attention; just put screens on and if drilling conditions change, adjust the screen bed angle. The VSM 300 requires too much attention to make it perform. With minor drilling or formation changes, the VSM 300 requires screen changes and some screen washing. I can't dedicate a man to just take care of the shakers."*

*– A Vice-President with
Youngquist Brothers, Inc.*

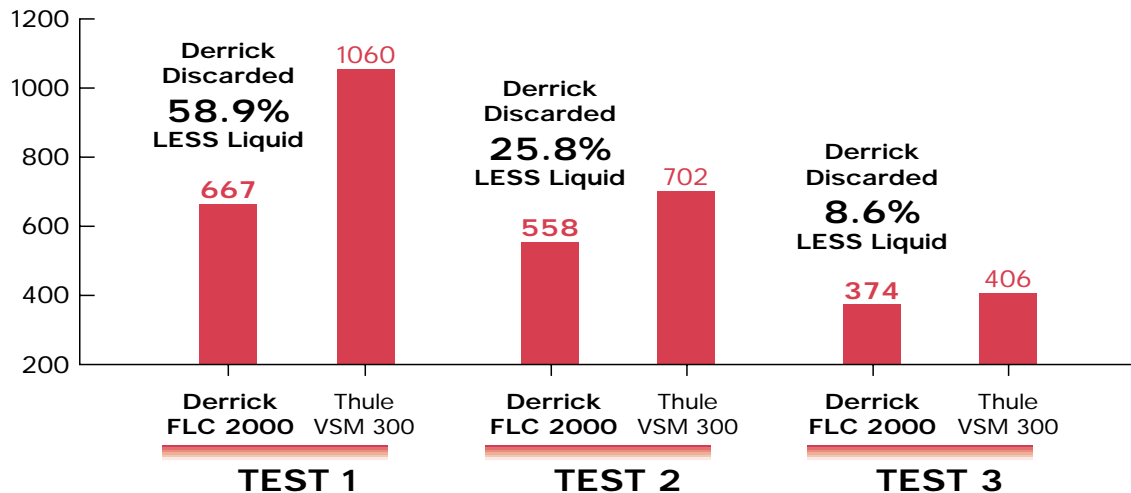


Derrick FLC 2000 4-panel equipped with Super G vibrating motors and patented Pyramid screens.

Solids Discard (BBLs/day)



Mud Losses (BBLs/day)



For the three tests conducted, the Derrick FLC 2000 removed an average of 218 BBLs of cuttings per day with a total haul off volume of 751 BBLs (190 BBLs/day LESS haul off than Thule). This means that while both the Derrick and Thule shakers removed approximately the same amount of drilled solids, the solids discard from the Derrick shaker was substantially dryer. This in turn reduced the total haul off volume as well as the amount of new mud that was required. In addition, the Derrick required less operator attention. The Brandt Cobra was unable to adequately process the mud and cuttings, therefore, the operator turned the machine off and no testing was performed.

An Integral Part of the High **G** Solution



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