

Derrick Hyperpool® Shale Shakers Reduce Drilling Costs in the Eagle Ford

- Total cost savings of \$30,000 on average per 15,000-foot production interval

Situation

Operator executing development drilling program in the South Texas Eagle Ford shale play. The wells require 15,000-foot average production intervals and are drilled at an average of 150 ft/hour with an 8-3/4" bit. Wells are drilled using oil-based (diesel) mud with density of 10.5-12.0 PPG.

Challenge

Needing to reduce expenditures and improve returns, the operator sought the most economical and efficient flow line solids control equipment to minimize cost of drilling fluid and related services. Data was evaluated from 12 wells drilled by the same rig over a 4-month period. The rig drilled in the same area and formation with the same drilling fluid company and mud program. The only variable was the flow line equipment used.

Two systems were evaluated:

- Derrick Hyperpool® shale shakers (6 wells)
- NOV® BRANDT™ SABRE™ shale shakers (6 wells)

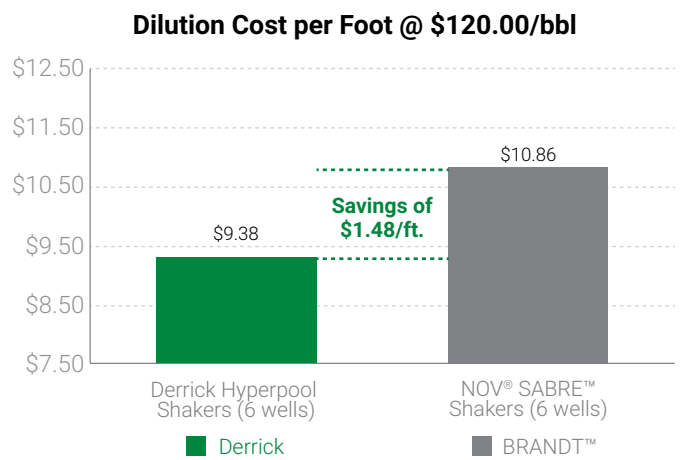
The following key performance indicators were used to compare the two systems:

Dilution: Diesel and drilling fluid chemicals added while drilling

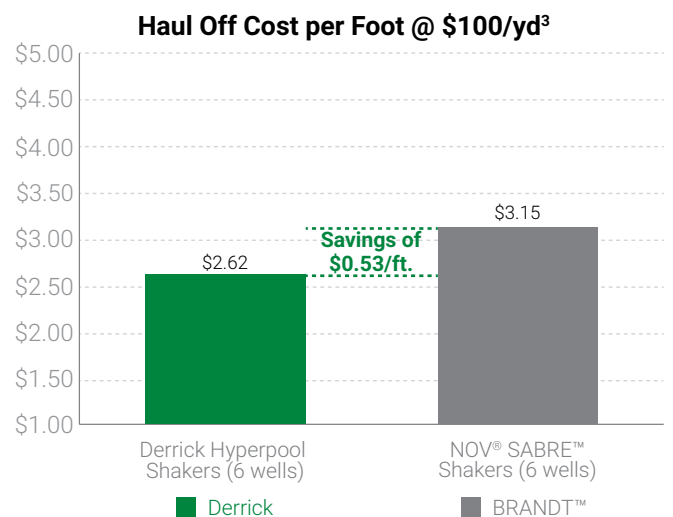
Haul off: Total amount of mud and solids removed from location

Results

1. Lower Dilution Requirements



2. Lower Haul Off Quantity



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

15630 Export Plaza Drive • Houston, Texas 77032 • Toll Free: (866) DERRICK • Office: (281) 590-3003 • Fax: (281) 590-6187
info@derrick.com • www.Derrick.com