

Derrick® saves Eagle Ford operator over \$500,000 annually

• \$39,000 saved per well for 4 wells

Objective

Decrease drilling fluid cost by reducing diesel consumption.

Test Parameters

11 wells in the Eagle Ford were compared by diesel consumption, screen cost, and depth. 7 wells were drilled utilizing BRANDT® KING COBRA™ shakers with OEM screens and compared to 4 wells drilled with Derrick® Hyperpool® shale shakers equipped with Derrick Pyramid® screens.

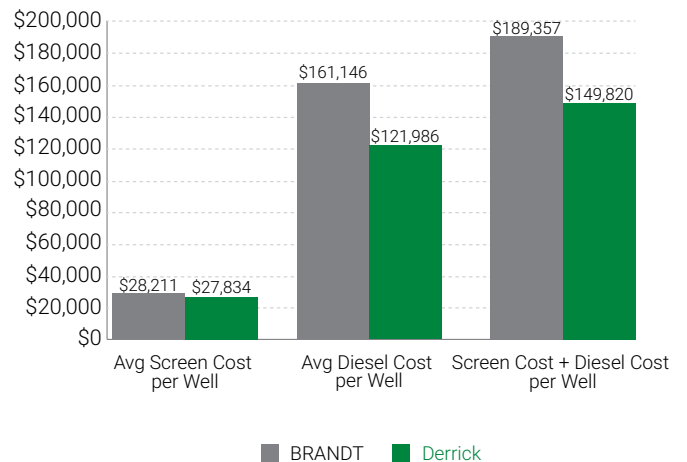
Conclusion

The Derrick Hyperpool shale shakers and Pyramid screens saved the operator more than \$500,000 over one year. Derrick reduced the average amount of diesel used from 55,760 gallons to only 42,210 gallons per well utilizing the Hyperpool's patented screen compression system eliminating bypass thereby removing more solids from the system. Cost savings were derived from actual screen bills and diesel cost. Diesel cost was \$2.90 per gallon. Total screen cost and total diesel cost were used to calculate the total \$500,000 savings generated by utilizing Derrick Hyperpools with Derrick Pyramid screening technology.

In addition to reducing diesel consumption by 24%, the operator gained the added benefits of reducing trucking expenses for diesel delivery and reducing drilling waste transportation and disposal fees.

Derrick's drilling technologies enhanced resource recovery efficiency in a manner that was cleaner, safer, and more environmentally friendly.

Eagle Ford Operator Costs



Health, Safety, & Environmental (HSE) Benefits

Wells that drilled with Derrick technology saw the following HSE benefits:

24% reduction in diesel consumption

- 176,150 gallons of diesel saved per year for each rig

Light-weight screen panels

- Less than half the weight of competitor screens
- Less transportation cost
- Less solids waste disposal cost

Easy screen inspection, removal, and installation

- Less than 45-seconds per screen panel change
- Allowed for reduced exposure on the mud pits
- Less back strain and reduced risk of personnel injury
- No hammers required

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

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