

## Solids Control - Shaker Screens

### BaraMesh™ Shaker Screens Outlast Competitor's Screens and Cut Costs by \$7.5k per Well

Location: South Texas, USA

#### Operator's Challenge

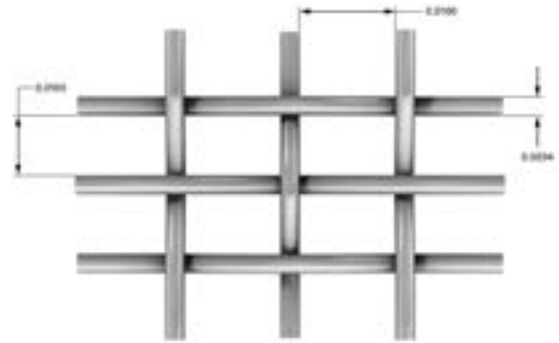
The Baroid team working in South Texas was challenged to design and implement a solids control system that would reduce the operator's overall shaker screen cost while minimizing the low gravity solids (LGS) concentration in the drilling fluid.

#### Halliburton's Solution

The 170-mesh BaraMesh™ screens successfully outperformed the competitor's screens by decreasing the LGS content in the active drilling fluid. Correspondingly improving drilling fluid performance and lowering overall well costs. The BaraMesh screens lasted twice as long as the competitor's screens, yielding a large end of well savings.

#### Economic Value Created

The operator was able to drill the well with 50% fewer screen replacements when using the BaraMesh screens. The average cost reduction per well is \$7,575.



BaraMesh with an approximate 1.6:1 aspect ratio and 0.0034" wire diameter

The unique rectangular BaraMesh screen design offers an approximate 1.6:1 aspect ratio. As a consequence this improves fluid conductivity and screen life when compared to the equivalent 1:1 square.

CHALLENGE	SOLUTION	RESULT
Reduce high performance shaker screen costs	Install BaraMesh™ screens for maximum performance at a lower cost	BaraMesh™ screens lasted twice as long as competitor's screens