

## Case History

### Permian Basin: OilPlus™ Proppants Versus Competitor 20/40 and 30/50 Mesh Sizes



OilPlus™ proppants are specifically designed for fracturing treatments in oil and liquid-rich reservoirs. Our unique resin coating system increases the relative permeability to oil in the proppant pack, resulting in higher oil production compared to traditional proppants.

The data set contained 50 wells, 32 Hexion OilPlus proppant wells and 18 competitor curable resin coated sand wells (CRCS). All wells were completed by a single Permian Basin operator in Howard County, Texas. The operator used both 20/40 and 30/50 mesh sizes in all wells.

The data showed a 20% average production increase per Hexion well. Based on \$43 oil, the Hexion wells produced on average \$185,000 more revenue per well over the first two years than the competitor. If the operator had used OilPlus proppants on the competitor wells, they would have realized an additional \$3.33 Million in revenue.

The engineers responsible for these wells moved to other operators and continue to pump OilPlus proppants due to the success they experienced in the Permian Basin. They continue to see financial value in utilizing OilPlus proppant technology through all market cycles.



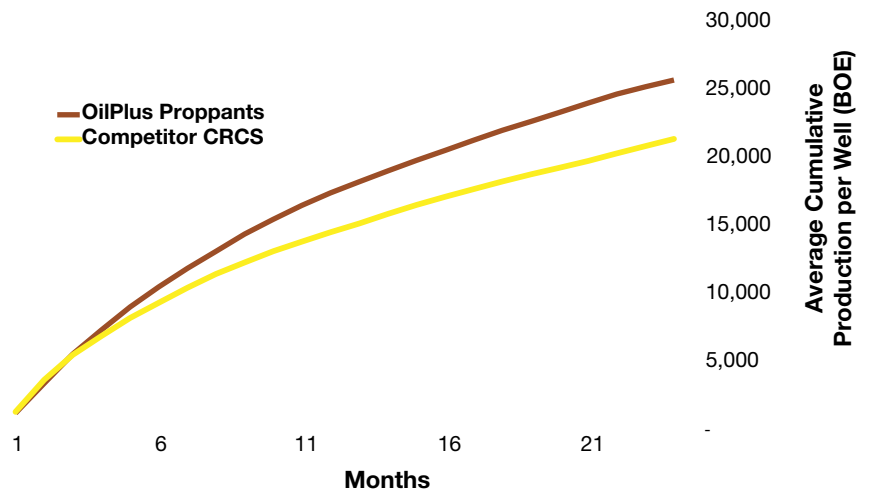
#### Reservoir Details:

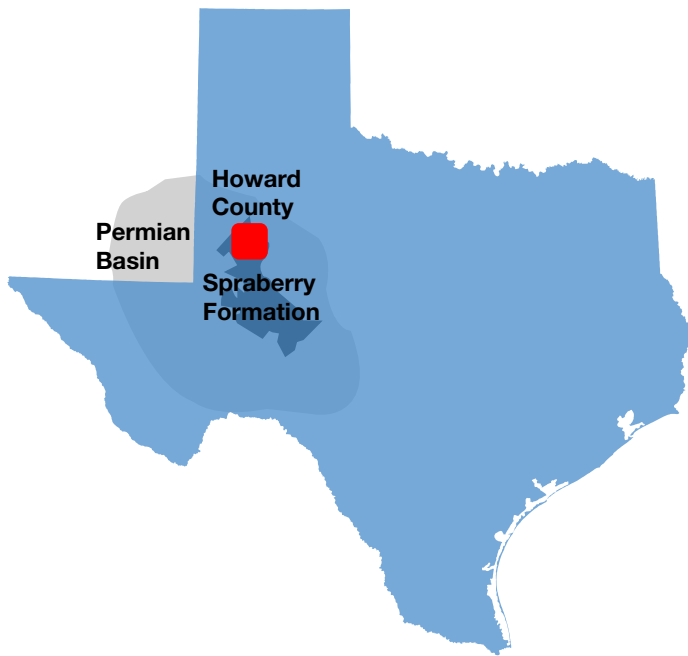
- Spraberry Formation
- 7,000 psi Closure Stress
- 140°F BHST Average
- 9,500 to 10,150 ft TVD

#### Completion Details:

- Crosslinked Frac Fluid
- 30% CRCS Tail-in
- 885,000 lb Total Proppant
- 8 Stages

Permian Basin OilPlus Proppant Case History





All 50 wells in this data set were located in the Permian Basin, specifically in Howard County, Texas. These wells were all within the Spraberry Formation.



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