

North American Production Report

Typical Wells

Real Well Production Report

- Data Set:** 2,370 horizontal wells
- 53 Polymeric Proppant wells
 - 535 Conventional Resin wells
 - 1,782 Raw Sand wells

Well trajectory: Horizontal

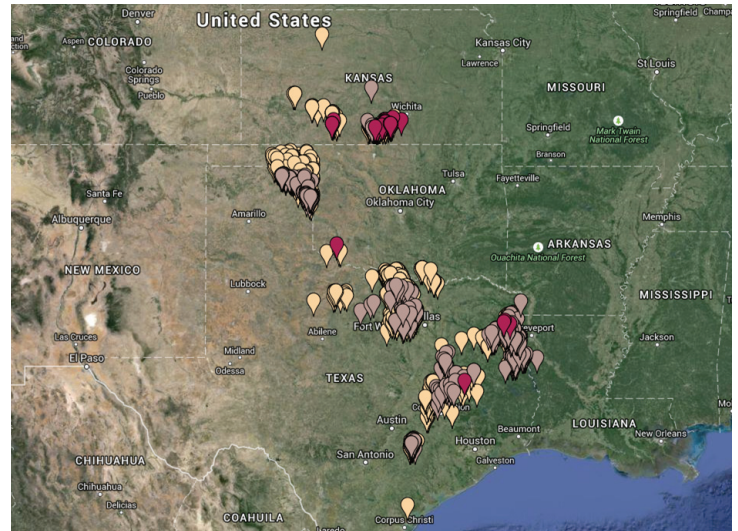
Production time: 90 days

Timeline: 1/1/2013–12/31/2014

Average temperature: 205°F

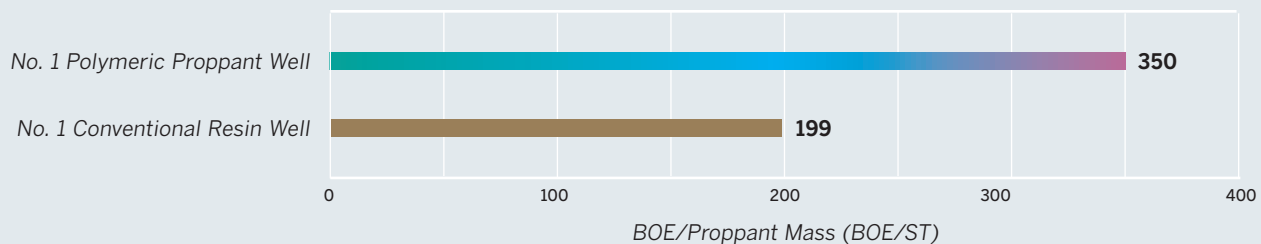
Average TVD (feet): 8,282

Location: MidCon Basin



Top Performing Coated Proppant Wells Total BOE/Proppant Mass

- Preferred Polymeric Proppants produced the No. 1 coated proppant well
- The Polymeric Proppant well produced **76% more** BOE/Proppant Mass than the No. 1 Conventional Resin well



Total Average Production Total BOE/Proppant Mass

Preferred Polymeric Proppant wells significantly outperformed Conventional Resin and Raw Sand wells

- **174% more** BOE/Proppant Mass than Conventional Resin wells
- **158% more** BOE/Proppant Mass than Raw Sand wells

