



46% Increase in Production Using ThinFrac™ MP in the Permian Basin

Technology: ThinFrac™ MP | **Basin:** Permian | **Application:** Shale

OVERVIEW & CHALLENGE

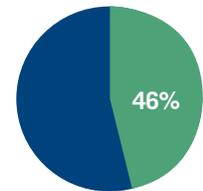
An operator in the Spraberry/Wolfcamp shale play in the Permian Basin was looking to maximize hydrocarbon recovery with an economical solution. Eight multistage wells were chosen to test a non-damaging friction reducer. All wells were located within one mile of each other and the wells had similar depths of approximately 10,265 ft (3,100 m) and the average treated interval was 1,500 ft (460 m) in length.

SOLUTION

Four wells were treated with ThinFrac MP and four offset wells were treated with conventional linear and crosslinked gel fracturing fluids. ThinFrac MP friction reducer is a high-viscosity yielding polyacrylamide polymer. It provides efficient hydration and develops nearly instantaneous viscosity in slickwater fracturing operations. In addition, breakers used in conjunction with the friction reducer minimize formation damage.

RESULTS

Over a 12-month period, the wells treated with ThinFrac MP saw a 46% higher average cumulative production rate when compared to the offset wells. In addition, this friction reducer used in conjunction with breakers decreased the risk of formation and/or proppant pack damage. Overall, the test proved that ThinFrac MP delivers maximized hydrocarbon recovery while significantly reducing formation damage.



**HIGHER
PRODUCTION RATE**

