ShearFRAC®

Meta Study of Targeted Stage-Level Optimization in the Delaware Basin Yields $1.5MM in Cost Savings and 20% Uplift in Production

Challenge

+ Reducing completion costs without sacrificing production performance is a constant challenge that becomes increasingly critical during times of capital constraints.
+ Without stage-level visibility, completion design changes are a blind bet with million-dollar consequences.

Solution

+ On an 8 pad, 19 well program FracPLAYBOOK™ was deployed to identify underperforming stages in real-time using non-invasive surface pressure diagnostics.
+ Exception-based operational changes - such as pump schedule adjustment – were autonomously triggered in real-time during completions to improve stage level effectiveness.
+ This workflow enables strategic resource reallocation on underperforming stages while preserving efficient design execution on higher-performing stages.

Results

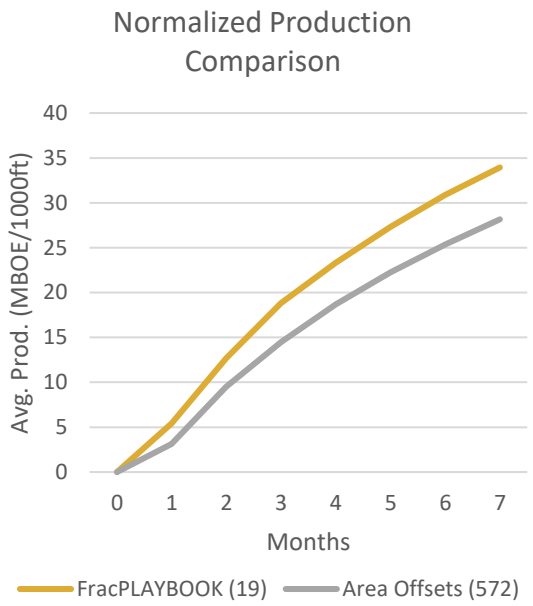
+ Design adjustments on the targeted underperforming stages led to $1.53 MM in cost savings through reductions in time on location, fluid usage, and chemical consumption.
+ A 20% uplift in 7 month production is observed across the 19-well set when compared to 572 offset wells (5 mile radius, 2020+ vintage), an estimated $2.4MM in additional revenue per well.
+ Real-time measurement and actionability standardized operational decision making, reduced performance variability and improved overall capital efficiency.

Basin – Delaware

Formation – Wolfcamp A, B & D
– 2nd Bone Spring

Location – Reeves County, TX
– Loving County, TX

Producing Well Type – Oil



	Playbook	Offsets
Fluid Intensity	43.5 bbl/ft	46 bbl/ft
Proppant Intensity	2300 lbs/ft	2405 lbs/ft

Realized Capital Savings

$1.53 MM

For More Information:

Web
www.ShearFRAC.com

Phone
1-888-544-1526

Email
info@ShearFRAC.com