

# Meta Study of Targeted Stage-Level Optimization in the Delaware Basin Yields \$1.5MM in Cost Savings and 30% 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 30% uplift in 4 month production is observed across the 19-well set when compared to 600 offset wells (Jan 2020+ vintage).
- + Real-time measurement and actionability standardized operational decision making, reduced performance variability and improved overall capital efficiency.

Basin – Delaware

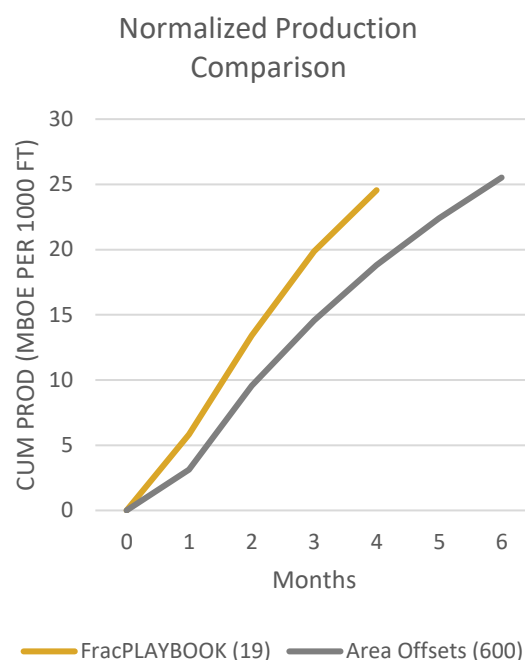
Formation – Wolfcamp A, B & D

– 2<sup>nd</sup> Bone Spring

Location – Reeves County, TX

– Loving County, TX

Producing Well Type – Oil



Realized Capital Savings

**\$1.53 MM**

Balancing Operational Efficiency with Fracture Effectiveness

For More Information:

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