

Automated Identification of Underperforming Frac Stages Results in Significant Cost Savings and Additional Revenue to DJ Basin Operator

Challenge

- + Efficient management of underperforming frac stages is crucial to optimize production performance and cost of operations.
- + A DJ Basin Operator faced significant challenges due to variable reservoir quality and over capitalization during well completion operations.

Solution

- + The Frac Playbook™ was implemented to automate the process of identifying underperforming stages using real-time data analysis.
- + The configurable tool facilitated optimized completion strategies and timely adjustments to proppant schedules.
- + 50% of stages were specifically targeted with a single schedule design change driven by stage-level performance data.
- + In a controlled trial, one of seven co-completed wells utilized this technology.

Results

- + Implementation of this technology yielded \$136,000 in net cost savings due to reduced time on location and enhanced efficiency in resource utilization.
- + After 9 months, a 12% increase in production performance has been demonstrated when compared to the on-pad average.
- + Additional to the immediate cost savings, this enhanced performance has contributed an additional \$580,000 in revenue, calculated at \$40 netback per barrel.

Basin – Denver-Julesburg

Formation – Niobrara B

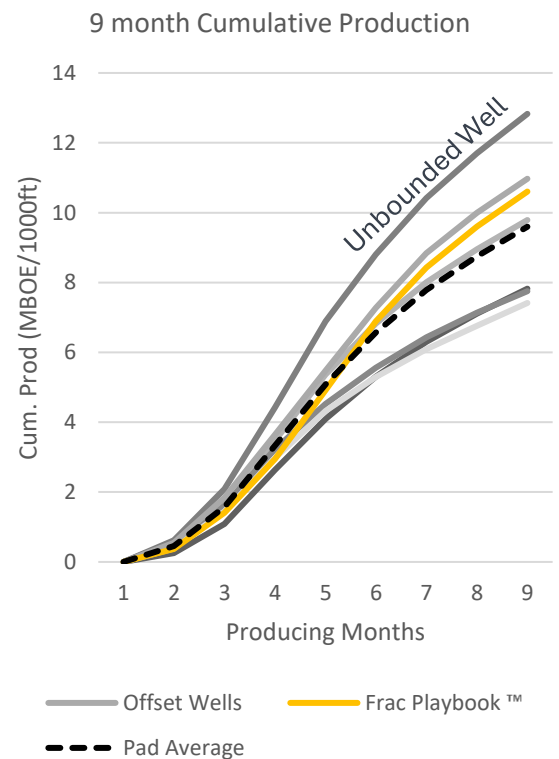
Location – Weld County, CO

Producing Well Type – Oil

Project Gun Barrel View



- ShearFRAC® Guided Well
- Co-Completed Wells



Balancing Operational Efficiency with Fracture Effectiveness

For More Information:

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