



## **Intelligent Production Improvement Through Stimulation & Workover**

**ANALYZE, DESIGN AND FORECAST  
OPTIMUM STIMULATION JOBS AND WORKOVERS  
TO MAXIMIZE PRODUCTION FROM ASSETS, INCLUDING  
SHALE PLAYS AND TIGHT FORMATIONS**

Intelligent Solutions, Inc.

[www.IntelligentSolutionsInc.com](http://www.IntelligentSolutionsInc.com)





## **Who Designs Your Frac Jobs?**

**Who Decides Which Wells Should be Stimulated First? And How?**

**Can You Accurately Estimate the Impact of the Stimulation Jobs in Your Asset?**

**IMPROVE™ is a complete Analysis, Design and Forecasting workflow that relies on your historical field data. No biases to interfere with the results.**

**IMPROVE™ lets you build data-driven predictive models and assist you in making important and informed decisions on how to improve production in your asset.**

**IMPROVE™ is developed using state of the art in Artificial Intelligence & Data Mining integrated with advanced production and completion engineering.**



**IMPROVE™ couples reservoir characteristics with completion and stimulation design and practices to provide a complete picture of potential improvements in the asset.**



## KEY ADVANTAGES OF IM-PROVE™

### Short Development Time:

Build a complete model of stimulation behavior in your asset in just a few weeks.



### Data Requirement:

Production history, completion data, stimulation and workover data, well logs and any available reservoir characteristics.

### Uncertainty Analysis:

Perform uncertainty analysis using Monte Carlo simulation on the design and forecast of stimulation jobs to quantify your risks.

### Technology:

A completely new and innovative approach that integrates solid reservoir, production and completion engineering with state-of-the-art in Artificial intelligence and Data Mining (AI&DM).

### Deliverables:

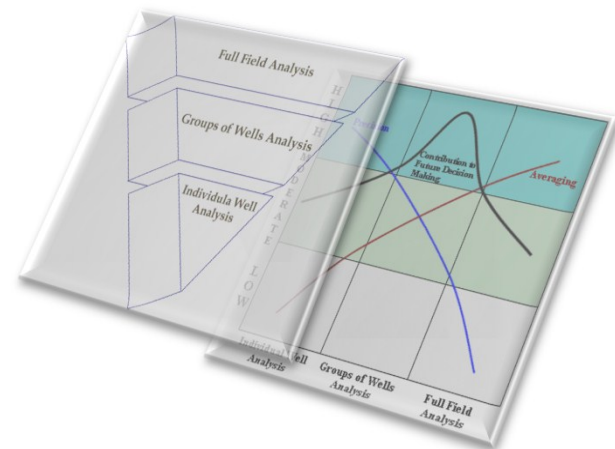
Best Candidate wells for Stimulation and Workovers.

Design Stimulation Jobs for New Wells.

Analyze and Forecast Stimulation Results.

Identify the Best Service Company for any Given Job.

Find the Best Practices in Stimulation and Workover in Your Asset.





Maintaining Excellence in the Art and Science of  
*Artificial Intelligence & Data Mining (AI&DM)*  
as Applied to the  
*Exploration & Production Industry*



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