

FracPro

Fracture Design & Analysis

Real-Time Precision Across Every Stage of Your Frac Workflow



OVERVIEW

Hydraulic fracturing is a complex process—variations in the breakdown and treatment pressures, complex lithologies that challenge fracture growth, and tight pumping schedules. **FracPro** brings decades of field-proven reliability to your frac design, simulation, and post-job analysis. Our intelligent modeling and integrated analytics streamline your treatment workflows, mitigate screenouts occurrence, and deliver stage by stage actionable insights—from initial planning through post-frac evaluation.

KEY FEATURES AND BENEFITS

■ Real-Time Monitoring & Proactive Control

Monitor injection pressure, pump rate, and hookload live—make on-the-fly adjustments to prevent screenouts and optimize treatments.

■ Integrated Frac Diagnostics Suite

Run DFIT, minifrac, step-rate, net-pressure, and pressure analyses in one platform—boost confidence in rock property estimates.

■ Unified Multi-Stage Workflow

Design, compare, and execute all treatments within a single job file—eliminate manual data transfers and keep your stage count in sync.

■ Fluid & Proppant Libraries

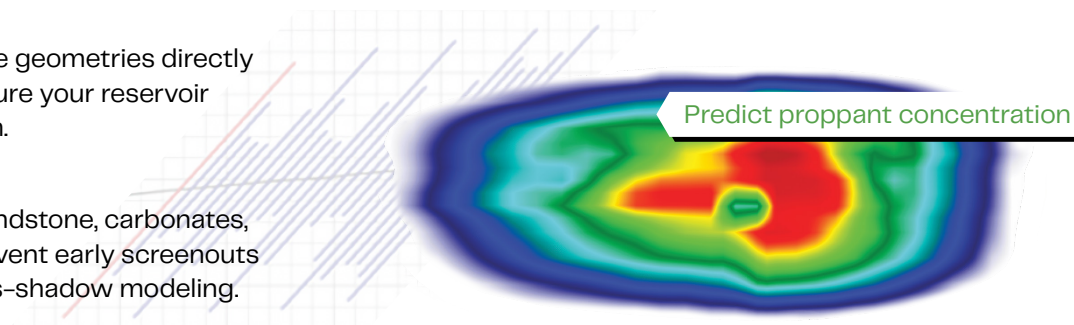
Leverage industry-standard fluids and proppants—speed up treatment design and reduce mixing errors.

■ Seamless Reservoir Integration

Import well logs and export fracture geometries directly to CMG, Eclipse, or QuickLook—ensure your reservoir model reflects the latest frac design.

■ Geology-Calibrated Modeling

Simulate fracture propagation in sandstone, carbonates, coal, and unconventional plays—prevent early screenouts with accurate toughness and stress-shadow modeling.





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- **Proppant Transport Forecasts**

Predict proppant concentration, conductivity, and settling behavior using lab-calibrated algorithms—maximize propped fracture efficiency and long-term production.

- **Anomaly Alerts & Sensitivity Analysis**

Get notified of pressure spikes, screenout warnings, or fluid efficiency losses—stay ahead of downhole surprises.

- **Field Data Matching**

Match modeled pressures and proppant profiles to on-site diagnostics—continually refine your forecasts and improve performance consistency.

- **Intuitive, Engineer-Centric Interface**

Navigate complex pumping schedules and fracture geometry outputs with a clean, modern interface—focus on engineering decisions, not software hurdles

APPLICATIONS AND CAPABILITIES

- **Propped Fracs**—Model proppant placement, conductivity improvements, and embedment effects
- **Horizontal Wells**—Plan parent/child stages with optimized pump schedules
- **Foam Fracs**—Calculate foam quality, gas/liquid ratios, and downhole viscosities
- **Acid Fracs**—Simulate acid etching, reaction kinetics, and thermal impacts on fracture conductivity
- **Frac Packs**—Evaluate tip-screenout behavior with advanced leakoff models



READY TO UNLOCK PRECISE FRAC PERFORMANCE?

See FracPro in Action—Schedule Your Demo Today

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