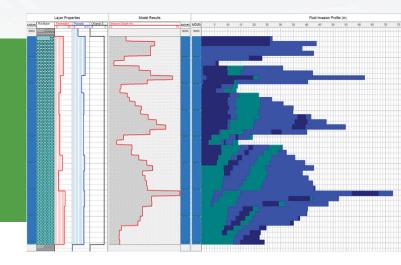


# **StimPro** Acidizing Design & Analysis

Precision Matrix Acidizing From Planning to Post–Job



## **DVERVIEW**

Matrix acidizing can be complex—balancing fluid reactivity, thermal effects, varying lithologies, and mechanical limitations. StimPro delivers field-proven modeling and analytics for every step of the acidizing process. From candidate evaluation to job execution and post-treatment analysis, StimPro streamlines your acidizing design while helping optimize production performance and minimize treatment costs.

## KEY FEATURES AND BENEFITS

#### Real-Time Monitoring & Optimization

Monitor injection pressure, skin evolution, and temperature changes live—recalibrate your strategy on-the-fly to improve treatment success.

### Integrated Acidizing Diagnostics

Run transient pressure analysis, skin modeling, and treatment matching in one platform—gain deeper insights into formation response.

#### Unified Design, Analysis & Production Workflow

Design, simulate, execute, and history match—all in one interface. Align your treatment planning with post-job performance data.

#### Acid & Additive Libraries

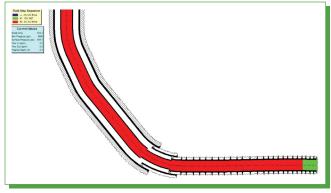
Select from preloaded acid systems, additives, and formation-specific reactions—accelerate planning and minimize design errors.

#### Advanced Lithology Modeling

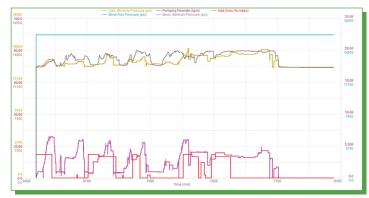
Simulate stimulation in carbonates, sandstones, and laminated formations—model fluid penetration, heat transfer, and reaction kinetics with high accuracy.

#### Treatment Monitoring with Paccaloni Plots

Visualize real-time pressure data and transient plots—detect inefficiencies early and fine-tune treatments for consistent results.



2D Schematic View





# APPLICATIONS AND CAPABILITIES

- Carbonate Acidizing—Optimize wormhole propagation and damage bypass.
- Sandstone Acidizing—Target fines, clays, and scale with custom acid blends.
- Multi-Layered Reservoir Simulation—Improve fluid placement through heat and reaction modeling.
- Emulsion & Asphaltene Damage Mitigation—Simulate solvent flushes and cleanouts.
- Completion Tool Effects—Include ICDs, perforations, and gravel packs.
- Real-Time & Post-Job Matching—Use live or historical data to refine models.

## **OPERATION MODES**

#### Acidizing Design Mode

Create treatment schedules based on damage types:

- Emulsions and wettability change
- Asphaltene and paraffin deposition
- Perforation and gravel pack damage
- Deep wellbore damage

#### Acidizing Analysis Mode

Refine and monitor jobs in real-time; perform pre- and post-job evaluations and history matching.

#### Production Acidizing Mode

Predict and assess well performance pre- and post-treatment using integrated reservoir simulation.

## Precision stimulation starts with powerful modeling.

Discover What StimPro Can Do-Schedule Your Demo Today



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