

FEATURES

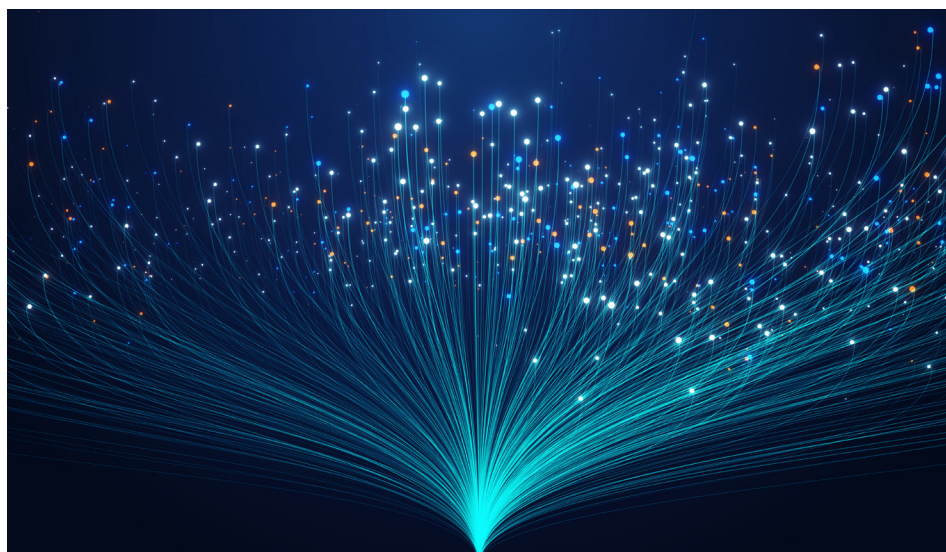
- Proprietary design based on reservoir data with real time diagnostic adjustment after the pre fill stage
- Near wellbore and reservoir damage removal through custom chemistry matched to downhole conditions
- Managed pressure stimulation with real time control for full interval placement without chemical or mechanical diversion

BENEFITS

- Reverse well production declines
- Increase oil recovery
- Extend asset life
- Delay plug and abandonment (P&A)
- Deliver impact at the single well and pad level
- Support short payback periods in select applications (2-3 months)
- Reduce operational footprint and shut in duration through rigless intervention
- Maintain low service intensity and minimize well downtime
- Production restoration or upward decline curve shift to improve EOR performance, reduce \$/BOED, and extend well life well life

STIMULATION

Boost[®] re-stimulation pumping treatment



Operators seek a reliable solution to unlock additional value from existing assets at reduced cost, risk, and operational disruption. For unconventional wells, re-fracturing often serves as the default option; however, performance can vary with bullhead methods or require higher investment and greater exposure when re-entry and casing re-fracturing operations are applied.

Boost[®] re-stimulation pumping treatment provides an alternative that supports consistent performance at a lower investment cost. The treatment improves well performance without the complexity, expense, or operational risk associated with conventional re-fracturing methods.

Overview

Boost re-stimulation pumping treatment uses a pressure-controlled technique to increase the hydrocarbon recovery factor in wells affected by production decline. The treatment aligns with Enhanced Oil Recovery (EOR) objectives in unconventional assets and mature fields and extends asset life through efficient production maintenance.

The treatment delivers secondary remediation and re-stimulation with low service intensity. It applies to wells that require performance improvement without the cost, complexity, or risk of re-fracturing operations.

Field applications demonstrate sustained increased production rates relative to the pre-treatment decline curve, that reached up to +500%. In pad developments, offset wells also respond positively, which indicates production increased in multiple wells can be achieved from a single well treatment.

In select applications, operators report short payback periods, which positions Boost re-stimulation pumping treatment as an economical alternative for production improvement.

Applications

Boost® re-stimulation pumping treatment applies to wells that require production improvement and increased hydrocarbon recovery without the complexity of re-fracturing operations.

- Unconventional wells (new and existing producers)
- Mature field assets
- Wells affected by steady production decline
- Wells identified as candidates for plug and abandonment (P&A)

The treatment helps address common near-wellbore and reservoir damage mechanisms. When combined with custom chemistry, the treatment targets specific challenges such as elastomeric or polymeric residues, scales, organic deposition, emulsions, water blocks, unwanted water production, and other flow-restricting conditions.

This flexibility allows operators to tailor the treatment to well-specific conditions with low service intensity and minimal operational impact.

Maximize available energy throughout the life of the well

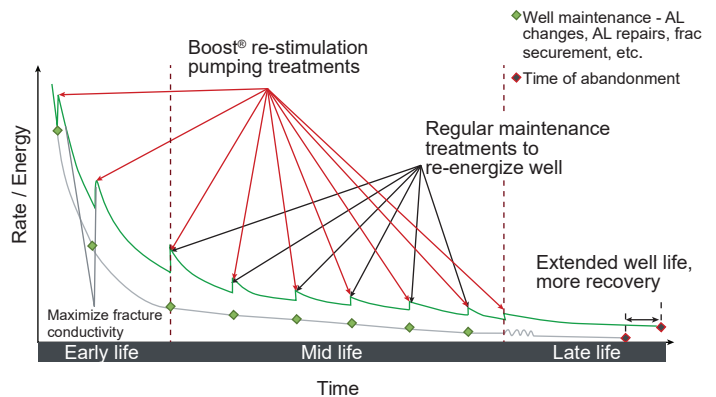
Reservoir energy management extends productive well life. Reservoir energy changes over time, and production strategies must align with each stage of the well lifecycle.

During early well life, production rates peak and then decline rapidly. In this phase, Boost re-stimulation pumping treatment delivers high impact by increasing fracture conductivity and sustaining flow capacity.

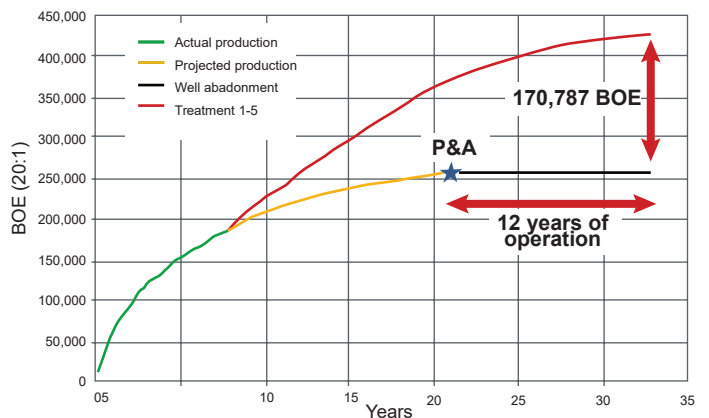
During mid-life operations, the treatment re-energizes the well and activates Mode II and Mode III fracture networks that remain too small for proppant placement. This response restores connectivity within the stimulated reservoir volume.

During late well life, the treatment delays abandonment decisions and delivers additional years of production in applicable wells. Compared with conventional treatments, Boost re-stimulation pumping treatment shifts the decline curve upward and extends reservoir interaction, while other approaches often deliver short-term production response.

Proactive energy management



Cumulative production with Boost® Re-stimulation

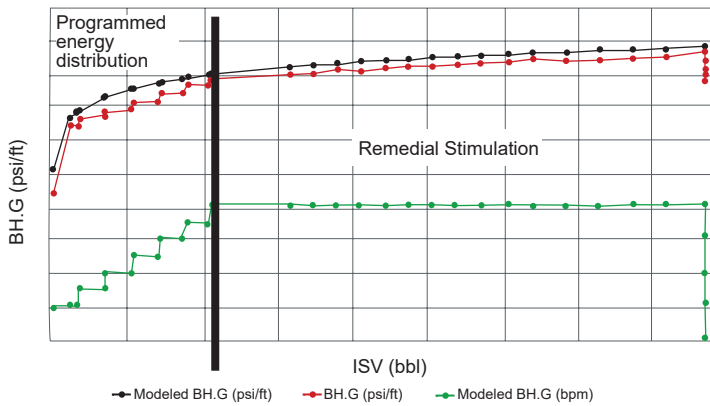


Operationally easy

Boost re-stimulation pumping treatment uses minimal equipment and requires limited personnel on location. This approach reduces operational complexity and improves execution efficiency.

The rigless, low-service-intensity approach removes the need for workover equipment and provides placement through tubing, casing, or annulus via bullheading. This flexibility reduces logistics requirements and limits well intervention impact.

Treatment response vs. predictive pressure-volume model

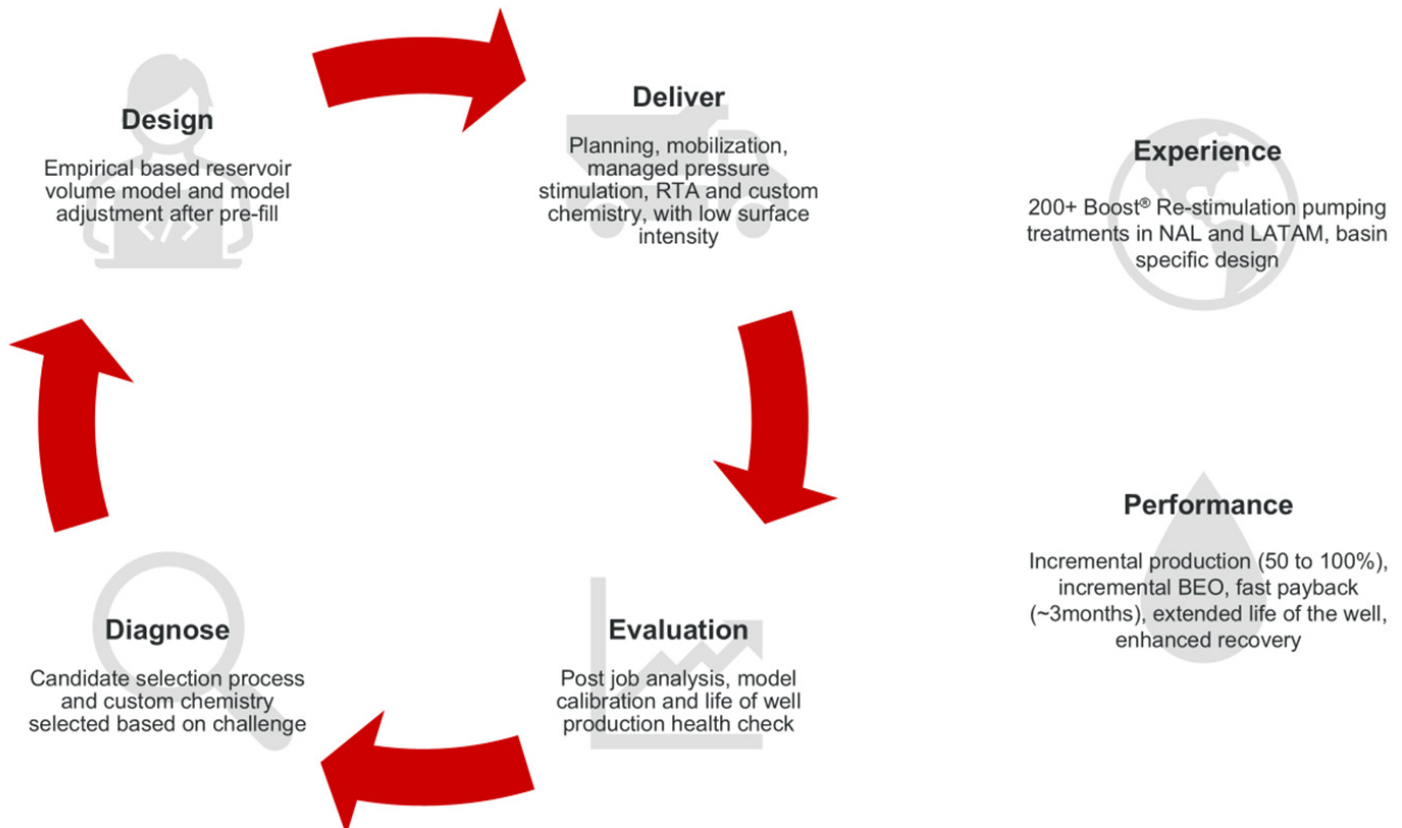


Simulation and execution

Boost re-stimulation pumping treatment applies a design methodology developed through years of field deployment across multiple regions. This experience drives accurate treatment design and controlled pressure delivery during execution.

The workflow combines well-specific rate transient analysis with basin-specific regression models. This integration delivers precise treatment placement that aligns with reservoir conditions and well geometry.

The treatment design delivers uniform fluid distribution across long laterals greater than 10,000 ft. This approach places fluids across the interval without chemical or mechanical diversion and without reliance on extremely high pumping rates.



Case Histories

Case 1: Individual well impact

- Reservoir type: Unconventional shale
- Reservoir fluid: Black oil
- Well life pre-Boost® re-stimulation pumping treatment: ~142 months

Results:

Sustained production rate at 500% above the pre-treatment decline curve

Case 2: Individual well impact

- Reservoir type: Unconventional shale
- Reservoir fluid: Volatile oil / condensate
- Well life pre-Boost re-stimulation pumping treatment: ~50 months
- Shut-in duration: ~30 days

Results:

Sustained production rate at 280% above the pre-treatment decline curve

Case 3: Pad-level impact

- Reservoir type: Unconventional shale
- Reservoir fluid: Volatile oil
- Well life pre-Boost re-stimulation pumping treatment: 22 months
- Vertical spacing: ~300 ft
- Horizontal spacing: 200–400 ft
- Treatment scope: Boost re-stimulation pumping treatment applied to Well 3 only

Results:

Sustained production rate at 250% above the pre-treatment decline curve on Well 3

Increased inter-well connectivity supported a 20% to 80% production uplift across offset wells on the pad

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