



TROJAN SERIES

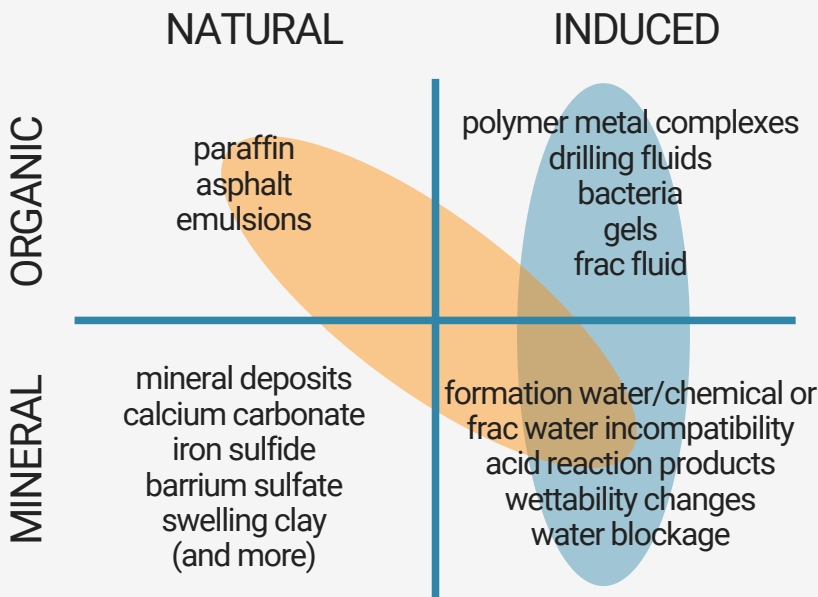
PRODUCTION & REMEDIATION SOLUTIONS



TAKE THE GUESS WORK OUT OF WELL TREATMENT & REPAIR

Evaluation of the damage mechanism in your well is the key to implementing a successful solution. We offer products ranging from common acids to specially formulated blends based on careful evaluation of which products will maximize the success of treatment.

IDENTIFYING THE PROBLEM



Multiple damage mechanisms may simultaneously or sequentially be contributing to the well's under performance.

Sampling and thorough evaluation greatly enhance the success rate and reduce the risk of secondary consequences of the wrong treatment.

SAMPLING

Samples are evaluated in our lab to determine the composition of the material and its reactivity to various treatment options.

SELECTION

Lab results in combination with a review of the well's construction, history, and geology allow us to recommend the appropriate chemical(s) and application process at the best price.

SUPPORT

All jobs are supported by our engineering team to help with your procedure design and execution. OpsViewer data system can provide real-time monitoring during the job.

EVALUATION

Post job analysis and well performance is reviewed to monitor results and optimize future treatments. OpsViewer provides important treatment data to enhance the evaluation process.

READY TO GET STARTED?

Contact us for sample requirements and provide a few details about your project.



TROJAN SERIES

PRODUCTION & REMEDIATION

Wells with multiple damage mechanisms may require blended solutions that conventional treatments may not address.

PX-90

- All of the benefits of Xylene, but safer and easier to handle
- Vaporizes slower for less volatility
- Alternative to conventional solvent
- Good for paraffin issues that hinder production and or are blocking other treatments from working
- Best for plugged-off or flow-impaired tubing/casing and near-wellbore organic matter blockages

TROJAN C

- Organic salt-based dispersant and anti-clay swelling agents blended with non-foaming surfactants and chelators to bind multi-valent ions that complex with dehydrated / coagulated polymers
- Good for swollen clays, shale fill/fines, and metal ion-polymer complexes
- Breaks down fine, but compacted material and polymer-metal complexes
- Best for damage or impairments that need to be dispersed but are otherwise not responsive to fresh water or when formations are sensitive to freshwater

TROJAN CG

- Trojan C + organic acid
- Targets cementous material and carbonate-based mineral scales with or without polymer-metal complexes
- Treatment will dissolve cement damage, most shales, mixed mineral scales, and polymer sludge
- Digests iron sulfide without making H₂S
- Formation water compatibility tests should be performed to confirm the absence of secondary precipitates that could form as the organic acid is neutralized

TROJAN CH

- Trojan C + inorganic acid (HCL), clay stabilizer and surfactant that targets tough mineral scales
- Additives in the blend Inhibit formation of H₂S from Iron sulfide
- Corrosion protection and H₂S inhibitor enable placement through tubing / tools
- Use as economical alternative to Trojan CG or when HCl is specifically beneficial to attack difficult mineral scale

TROJAN X

- Oxidizer + organic acid to break down damage caused by organic matter, polymer damage, iron sulfide, and bacteria
- Best for damage induced by organic matter (oils, asphalt & paraffin, and bacteria) and polymers (guar, xanthan, and polyacrylamide)
- Less corrosive and more effective on the specified damage mechanisms than traditional acids
- Does not produce H₂S when digesting iron sulfide

OTHER REMEDIATION PRODUCTS

- Conventional Acids (HCl, Acetic, Citric, Formic, Etc.)
- Clay Control Additives
- H₂S Inhibitors and Corrosion Inhibitors
- Foaming and Non-Surfactants
- Emulsion Breakers
- Biocides

SCAN FOR MORE INFO

