



ARC Regain™

Product Data Sheet

Delivering Tomorrow's Fluid Technologies Today

Description

Micro-solution Additive for Workover fluids.

ARC Regain™ is a patent pending, biodegradable, thermodynamically stable micro-solution (clear mixture of solvent, co-solvent and surfactant) designed specifically for use as a remediation fluid additive. **ARC Regain™** enhances any remediation fluid by improving system penetration, optimizing release of accumulated substrate, facilitating flow back from and clean-up of the reservoir. **ARC Regain™** is compatible with oil, condensate or waterbase remediating fluids. **ARC Regain™** can be used with other remediation chemicals or as a stand alone remediation treatment in a base fluid.

Properties

Form:	Liquid	Chemical Family:	Proprietary
Color:	Clear to Opaque	Solubility:	Water and Brines
Odor:	Citrus	Wt. per Gal.:	7.837 lbs.
Charge:	Nonionic	Flash Point:	77° F

Application

ARC Regain™ is a remediation fluid system enhancer.

As the substrate accumulates within a reservoir permeability to hydrocarbons is reduced; eventually requiring remediation of the well. Significantly better performance is achieved when multiple phase interfacial tensions between liquids, semi-solids and solids within a remediating fluid and a reservoir are minimized. By relieving the hindrance of multiple phase interfacial tension the products penetrate faster and further providing a better spend of the treating additives. **ARC Regain™** provides multiple phase interfacial tension reduction by more than 50 % between all fluids, solids and semi-solids encountered as it penetrates the reservoir. This translates into:

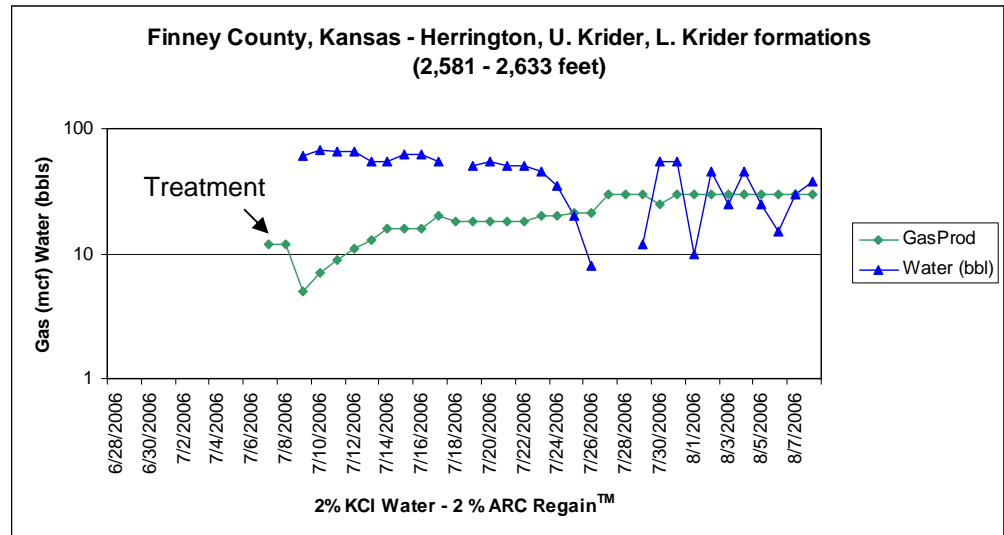
- improved utility of remediating fluids through,
 - faster penetration,
 - deeper penetration,
 - more efficient spend,
- enhanced substrate release from the reservoir,
- fast clean-up due to reduced flow back pressures,
- and a regain of production as ideal permeability to hydrocarbons is reestablished within the reservoir.

Case History

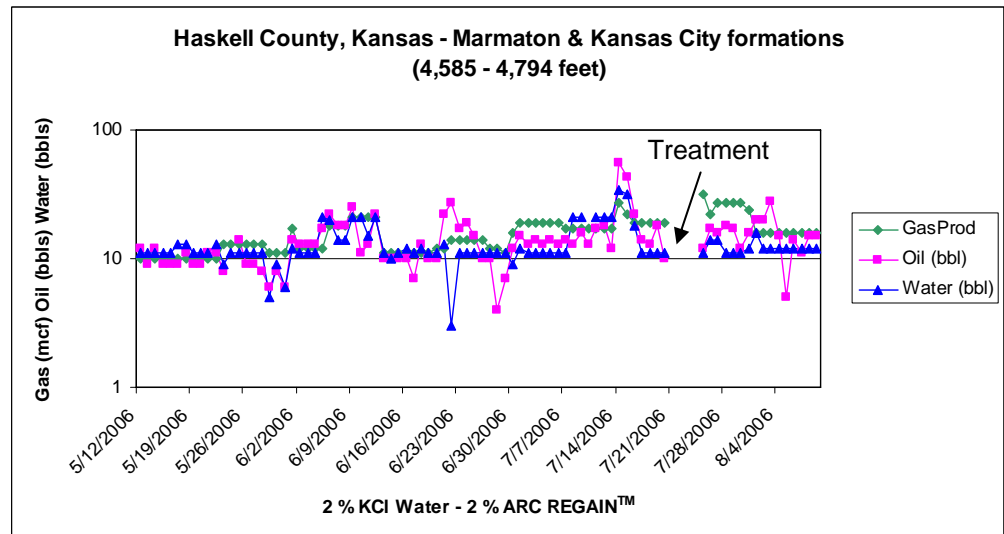
ARC Regain™ improves flow back.

The following are remediation results on wells that incurred formation water influxes as a result of casing leaks from rod wear. Please note the post treatment water productions as the wells cleaned up and production is reestablished.

2 % KCl with 2 % ARC Regain remediation fluid on a gas well:



2 % KCl with 2 % ARC Regain remediation fluid on a gas and oil well:



ARC Regain™ is typically used at 2.0 % by volume in remediation fluid treatments. This can vary depending upon the history of the well. With this in mind ARC would prefer to review your wells history and provide a treating suggestion as an effort to achieve your wells best performance potential.

Compatibility

ARC Regain™ is generally compatible . . .

ARC Regain™ is generally compatible with cationic, anionic and amphoteric additives. A compatibility test is advised before use with other surfactants.

Handling and Storage

* Refer to Material Safety Data Sheet . . .

Keep drum tightly sealed to avoid contamination. **ARC Regain™** may cause eye, skin and respiratory tract irritation by contact with the liquid or vapors. Do not breathe vapors, especially in confined areas. Use with adequate ventilation. Recommend use of splash goggles and rubber gloves. Refer to the Material Safety Data Sheet for more detailed information.

Packaging

Specialty packaging is available . . .

ARC Regain™ is available in 5 gal. pails, 55 gal. poly drums, 320 gal. bulk tanks, or bulk transport loads.

Questions & Answers

ARC Fluid Technologies, LLC "Offering You Tomorrow's Solutions Today"

If you would like to know more about the ARC Micro-solution Technologies and how they can improve your well performance please contact us at:

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No claim of personal safety is intended nor implied by the use of the name Safe in this product. Personnel handling this material should read and follow all safety and handling procedures set forth on the Material Safety Data Sheet.