

Z STIM

BIO-ENGINEERED. PERMIAN-SOURCED. SINGLE-FLUID SOLUTION.

Z STIM is a single-source stimulation solution for operations in the Permian Basin. Our engineered bio-fluid products not only work together to maximize proppant-carrying capacity in hydraulic fracturing operations, but also increase oil flow and water break out. The bio-chemicals are blended in the Permian Basin, are available in abundant supply, promote an improved environmental footprint, and can be built from a scratch fluid to a sophisticated fluid with advanced sand carrying capacity and flowback.

SUSTAINABLE RESERVOIR

Z CC™

CLAY CONTROL / FINES MIGRATION

A fluid component that prevents fines migration and clay hydration for sustainable reservoir production

MAXIMIZE RECOVERY

Z FS 5200™

NANO-EMULSION LOAD RECOVERY SURFACTANT

Flowback aid for enhanced flow recovery, deep reservoir penetration, high oil cuts, and quick oil flow

Z FS 3200™

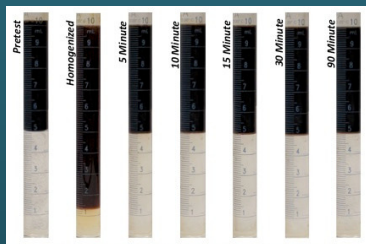
FORMATION-SPECIFIC NANO SURFACTANT

Flowback aid with rapid-wetting properties and low interfacial tension, proven in the Wolfcamp and Sprayberry formations

Z NES™

NON-EMULSIFIER

Quick clean oil cuts for maximum recovery



*98% separation @ 5 min
*100% separation @ 90 min

BASE FLUID

BIOCIDES

Range of biocides available

Z SCALE 1010™

POLYMERIC SCALE INHIBITOR

Prevents scale build up in the reservoir and on tooling

Z FRL-3000™

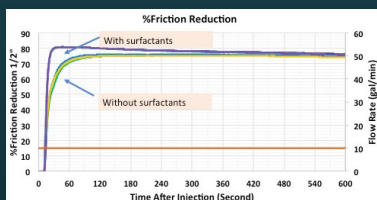
DRAG-REDUCING FRICTION REDUCER

High drag reduction, low treatment rates (<1 lb/gal)

Z FRL-1000™

VISCO-ELASTIC FRICTION REDUCER

Friction Reducer with proppant-carrying capacity of up to 4 lbs/gal



Performs in fresh water and a wide range of brines