

# CS RES NX

## NON-DAMAGE WATER BASED FLUID SYSTEM

### OVERVIEW

Most of the time protecting the pay zone is the responsibility of the reservoir engineering team, however proactive actions made during drilling and considering the full life cycle of a well enhances the potential production outcomes. Reducing damage, or skin effect, in mechanically weak and structurally complex reservoir geologies is crucial in maximizing production and enhancing the net value of an asset.

CS RES NX Water Based Fluid System provides its non-damage mechanism by its highly biodegradable bio polymer viscosifier, enhanced starch-based product and innovative wellbore shielding additive which is specifically designed for highly depleted and mechanically weak reservoirs. Well bore is extra supported with sized CaCO<sub>3</sub> which CS OILFIELD manufactures. Non-damaging characteristics of the CS RES NX and wellbore-shielding technology is proven with several formation damage tests have been performed in various independent labs.

### BENEFITS

- Protect pay zone.
- Maximize production with higher returns.
- Minimize solids invasion to reservoir.
- Maintains low skin values.

### FEATURES

- Improved hole cleaning with high LSRV values.
- Superior well bore strength with combination of Shield X and Ca-CO<sub>3</sub>
- Compatible with various breakers
- Enhanced clay inhibition by additions of CS POLYAMINE X.

### PRODUCTS & FUNCTIONS

|           |                                    |
|-----------|------------------------------------|
| XAN BD    | : Viscosifier                      |
| FL NX     | : Fluid Loss Control Agent         |
| SHIELD X  | : Wellbore Shielding Additive, Flc |
| CS CARB X | : Sized Calcium Carbonate          |

