TERVES
ENGINEERED RESPONSE

DATASHEET
XOProp™ Proppants

XOProp™

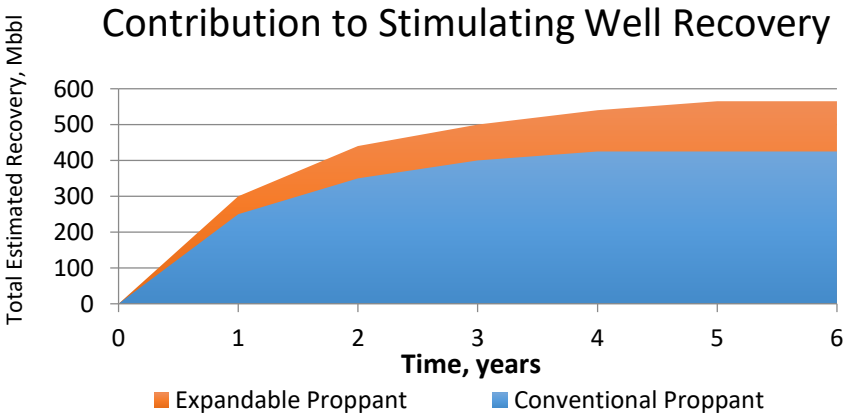
PRODUCT DESCRIPTION: XOProp Engineered Expanding Proppant

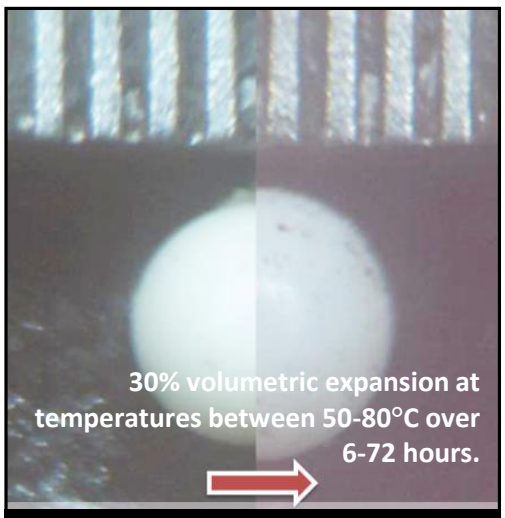
XOProp is a patent-pending engineered proppant that continues to combat fracture closure after pumping activity has ceased. Offering the maximum control over well fracture formations, this high performance proppant technology's sophisticated design resists fracture load stresses, and exerts a counter-expanding force on the fracture face. Modeling has shown XOProp capable of providing a substantially higher recovery rate and financial returns over the active life of the well due to its ability to increase fracture widths through its expansion process.

Proppant[a]	XOProp Proppant unexpanded	XOProp Proppant expanded xx%
Physical and Chemical Properties		
Roundness	0.931	0.854
Sphericity	0.876	0.895
Bulk Density [g/cm3]	0.81	0.71
Absolute Density [g/cm3]	1.645	1.622
Turbidity [FTU]	97.5	Not Tested
Volumetric Expansion	Not Tested	28.60%
Crush-Resistance, % weight of fines generated @ stress.		
600psi		1.14%
1,000psi		2.28%
2,000psi		2.28%

Proppant[b]	XOProp Proppant expanded xx%
Fracture Stress Load	2,000 psi
Temperature	150°F
Conductivity, md-ft	9,125
Permeability, darcies	665

XOProp physical and chemical properties[(a)] measured to standard API RP 19C, and conductivity[(b)] measured to standard API RP 19D





Proppant Bead Expansion

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