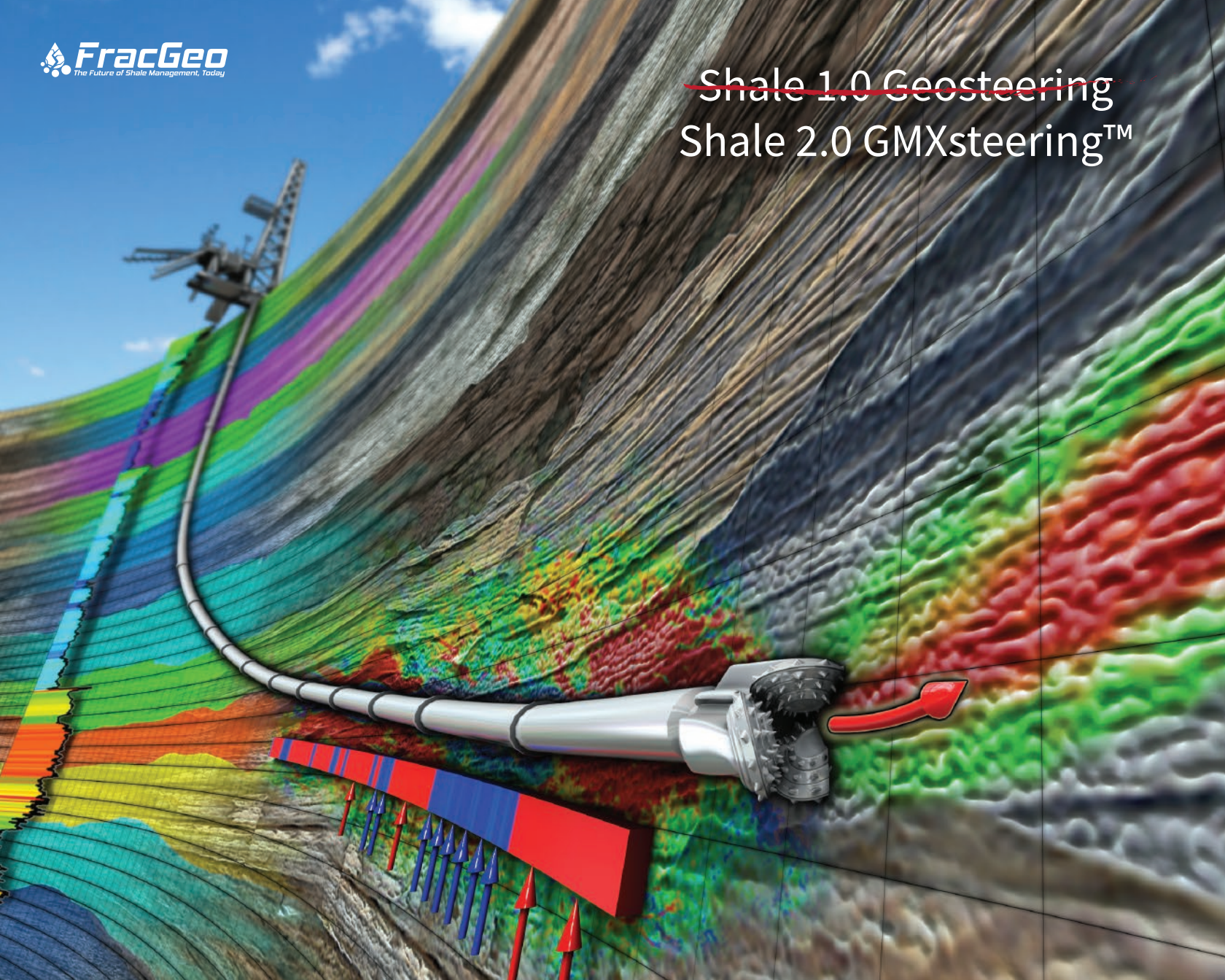FracGeo
The Future of Shale Management, Today

~~Shale 1.0 Geosteering~~
Shale 2.0 GMXsteering™

Holy COWD*!

*Completion Optimization While Drilling (COWD™)

Yet another disruptive technology from FracGeo

Corrected Mechanical Specific Energy (CMSE) from surface drilling data to calculate natural fracture index, pore pressure, stresses and geomechanical logs in real time.

GMXsteering™ in Live 3D Geomechanical models updated from real time GMX logs.

COWD™ products provide stage length and cluster density to achieve optimal fracing immediately after drilling is completed.

Schedule your demo today!
www.FracGeo.com/register

DrillPredictor™

FracGeo — The Future of Shale Management, Today

Utilizing **Corrected MSE (CMSE)** to calculate **geomechanical properties, pore pressure stresses** and **natural fracture index** from surface drilling data in **real time**

FracGeo Corrected MSE (CMSE), through its real time modeling of wellbore frictional losses, provides a real-time estimate of the torque and other drilling parameters similar to those derived by downhole equipment. Dramatic reductions in drilling cost and risk are achieved with this new disruptive technology that provides the CMSE necessary to calculate geomechanical properties of the rock encountered by the drillbit.

Using a new technology to compute geomechanical logs, pore pressure, and stresses from CMSE, DrillPredictor™ provides results in real time or after the well is drilled. The geomechanical logs, natural fracture index and stress brittleness allow operators to steer into fracable rock during drilling and optimize completion during or immediately after drilling.
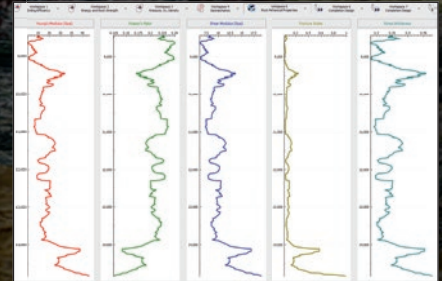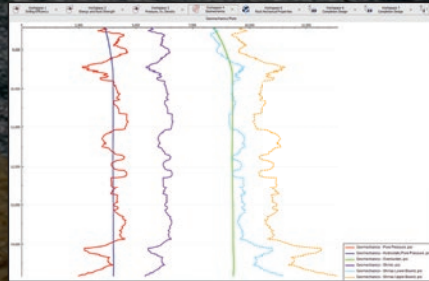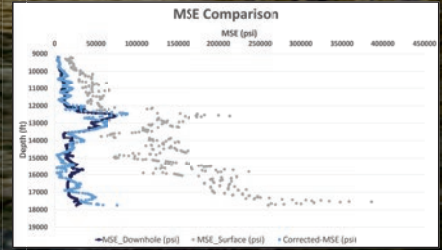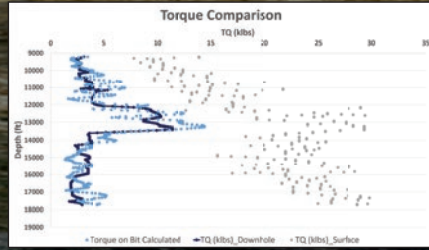
Promoting **GMXSteering™** to land and stay in the **most fracable rock**
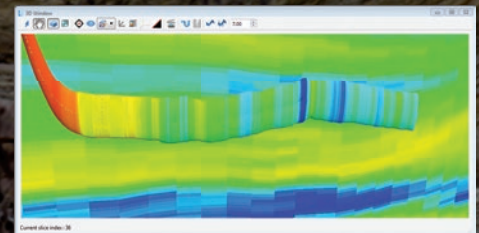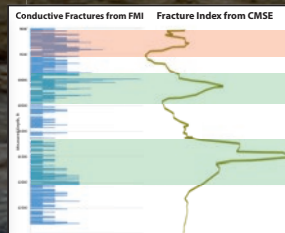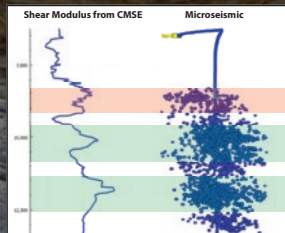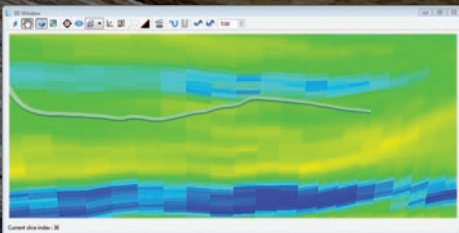
DrillPredictor™ shear modulus is computed from CMSE derived from surface drilling data and is validated against microseismic data. DrillPredictor™ natural fracture index is validated against interpreted image logs and demonstrates a strong correlation with conductive fractures. The natural fracture index derived from surface drilling data is also validated against natural fracture models derived using the Continuous Fracture Modeling (CFM) approach.

Enabling **Completion Optimization While Drilling (COWD™)**

Geometric Completion Design

High S_{Hmin} Heterogeneity in Stage 2

GeoEngineered Completion Design
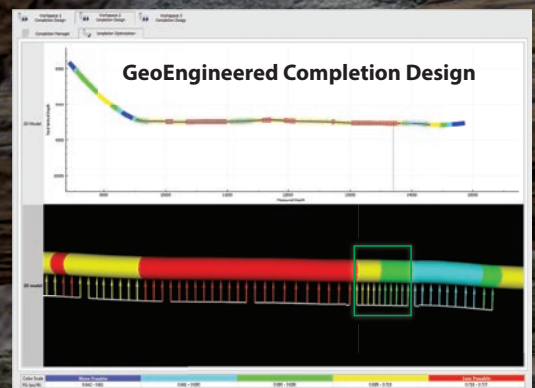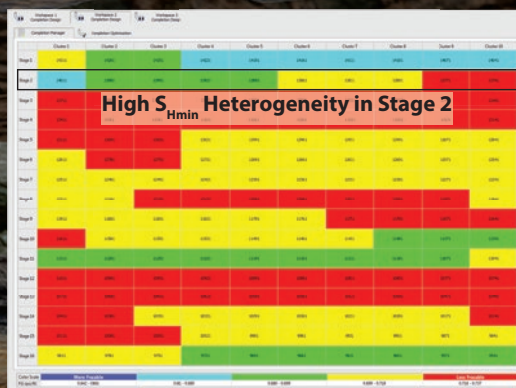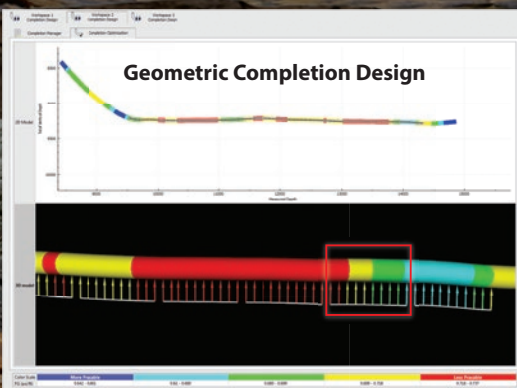
DrillPredictor™ results are used to optimize completions where cluster position and stage length are designed to target geomechanically similar rock in order to increase cluster efficiency and avoid over-treating or under-treating a given stage. The real-time steering using geomechanical logs derived from surface drilling data is provided through a cloud web-based application that runs on any system including smartphones, tablets, Mac or PC.

With web-based Interface