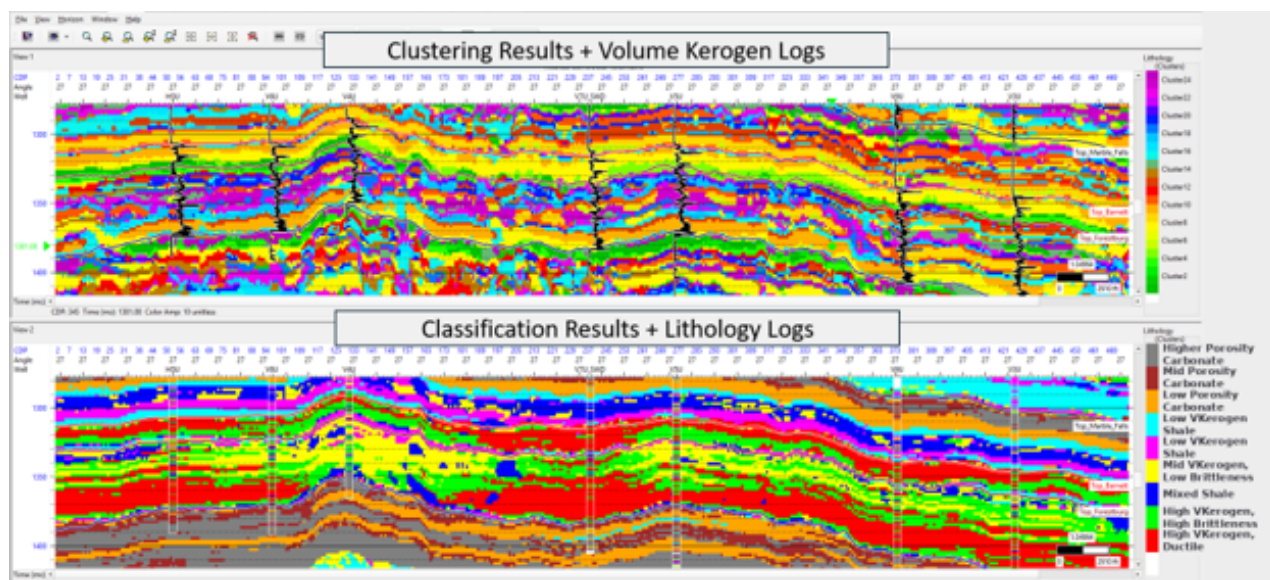


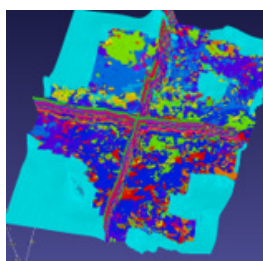
Discover Geological Patterns Hidden in Your Seismic Data

Emerge GeoCluster quickly identifies natural geological patterns in seismic attribute data and maps them to lithologies, helping to reduce uncertainty before advanced reservoir characterization.

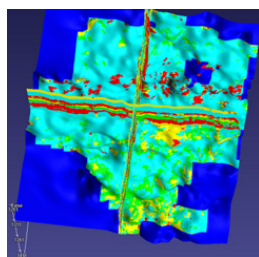


Real Emerge GeoCluster output: unsupervised clustering (top) mapped to interpretable lithology classes (bottom)

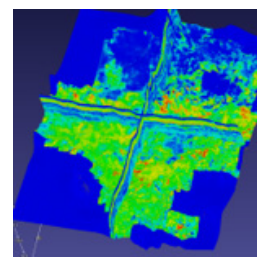
Scales to Full 3D Volumes



SOM Clusters



Most Likely Facies



P(High V-Kerogen)

Why Emerge GeoCluster



Find the Opportunities Worth Investigating

Uncover prospective subsurface features to maximize the value of advanced AVO and inversion analysis.



Get Results with the Data You Have

Generate meaningful predictions from post-stack seismic and a small number of tied wells.



Reduce Uncertainty Early

Discover hidden patterns and emerging opportunities that may be missed using traditional attribute analysis alone.



Accelerate Time to Answers

Move from seismic attributes to facies prediction in a fraction of the time of multi-step approaches.

hr **HampsonRussell**

Emerge GeoCluster



GeoSoftware provides the industry's preferred comprehensive set of software products and support for E&P multi-disciplinary teamwork.

High-end, cross-product workflows enable a better understanding of reservoir properties and how they evolve through the life of the field.

GeoSoftware helps reduce reservoir risk and uncertainty in seismic reservoir characterization, velocity modeling, advanced interpretation, petrophysics, rock physics, AVO and geological modeling. The GeoSoftware portfolio includes **HampsonRussell**, **Jason**, **PowerLog**, and **InsightEarth**.



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