LithoSolution

when predicting lithology became basic

Lithology discrimination , based on estimated volume of clay, is very important for reservoir characterization. However, this crucial parameter, is alaways estimated using Probabilistic and Stochastic models by established relationship between calculated Vclay log from well log and seismic attributes.

These classical methods have use restrictions due to:

- Reliability of calculated Vclay in case of :
  - * *Gamma ray for radioactive Matrix*
  - * *Resistivity for conductive Matrix*
  - * *Porosity for tight Matrix*
- Not enough wells
- Heterogeneous and Anisotropic reservoirs

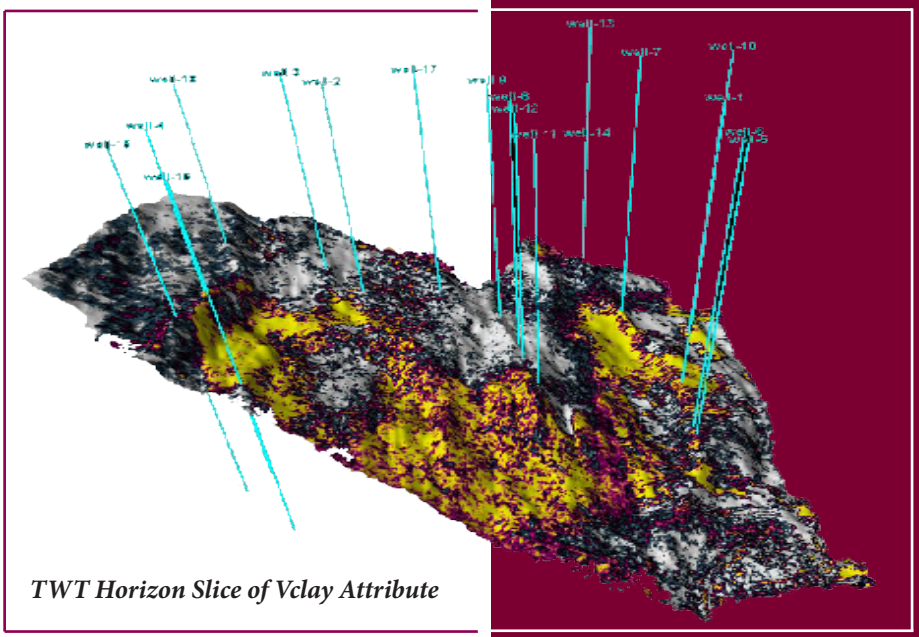
Your Faithful Partner «ENAGEO» has developed for you a new deterministic solution that provides an answer to all your complaints :

Litho Solution®

Exclusive Solution

This new solution is based on petrophysical attributes extracted from seismic data using stratigraphic inversion :

- *P Impedance*
- *S Impedance*
- *Bulk Density*



TWT Horizon Slice of Vclay Attribute

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