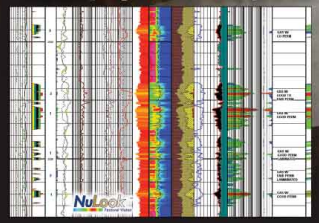
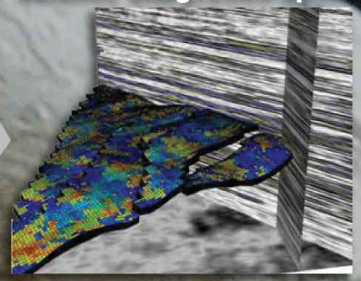
NuVision™

NuLook Normalization & Petrophysical Outputs



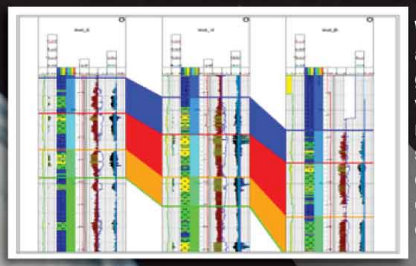
NuLook processing is the cornerstone of any NuView project as specified rock properties are distributed across an area where spatial relevance and reservoir interconnectivity become more clearly focused.

Seismic Integration Option



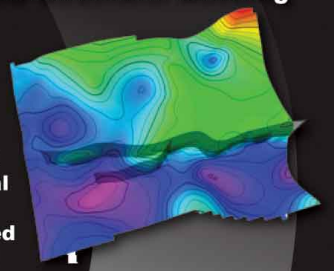
Seismic horizon data can be directly imported into a project maintaining structural integrity and fault control.

Well Correlation & Fence Diagrams



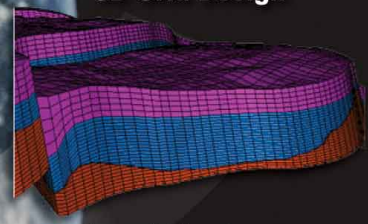
Well correlations and fence diagrams can be viewed from all directions and perspectives. Tops can be easily changed as the geology dictates.

3D Structural Modeling



Imported structural data can be verified and enhanced as geological modeling helps to better define the relationships between surfaces and faults.

3D Grid Design

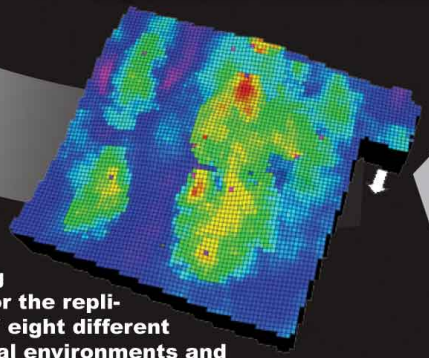


The modeling grid is where the appropriate well log resolution, grid azimuth, and fluid flow orientation is established.

Well Blocking

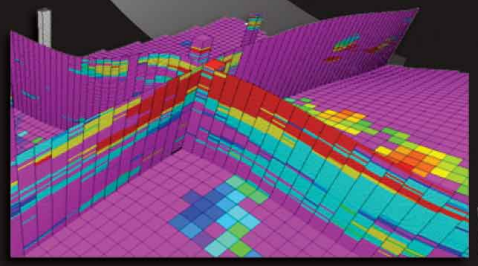
NuLook attributes are assigned to grid cells in the blocking process.

Depositional Facies Modeling



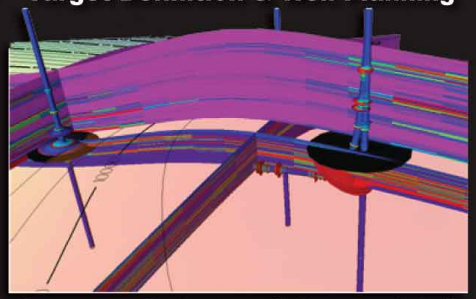
Facies modeling allows for the replication of eight different geological environments and depositional systems.

Detailed Property Modeling



The depositional systems model is populated with high definition NuLook petrophysical properties.

Target Definition & Well Planning



Once a geological model is completed recommendations can be made as to drill site locations, well planning, and field development strategies.

NuView™ Reservoir Vision

The NuView process utilizes NuLook's textural analysis and key petrophysical outputs to provide a field-wide 3D presentation. The customer receives a structural and stratigraphic depiction for more precise correlation and better defined lithologic, stratigraphic, and structural anomalies or discontinuities. The service provides the customer with a better understanding of the spatial relationships within a field related to well and field performance utilizing key inputs such as textural permeability and reservoir quality as related to pore size variance.

NuTech ENERGY ALLIANCE