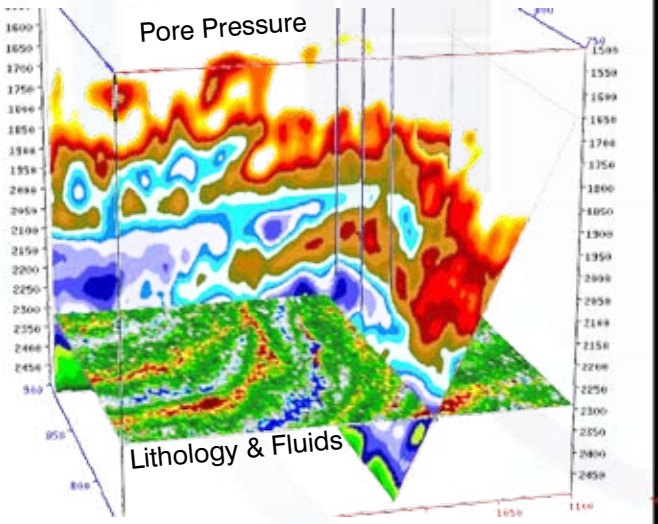
eSeis

DrilSeis®

www.e-seis.com

DrilSeis®

DrilSeis is a proven seismic interpretation tool that utilizes two independent approaches to determine shale pore pressures and fracture gradients. V-Based® is the traditional velocity method and Q-Based® is a patented (US Patent No. 6,681,185) technique developed by eSeis to compute effective stress from frequency attenuation. The Q-Based method was designed to complement traditional velocity processing with an additional independent solution to calculate pore pressure. Used in combination with LithSeis, DrilSeis is the most advanced seismic tool and service on the market, providing true data integration for the petroleum industry. This proprietary technology provides a comprehensive approach to project well planning and operations to efficiently identify lithology, porosity, and fluids, and to improve pre-drill estimates of pore pressure and fracture gradient volumes. eSeis takes you back to the rocks to enable multi-discipline asset teams to immediately obtain benefit from seismic petrophysics.

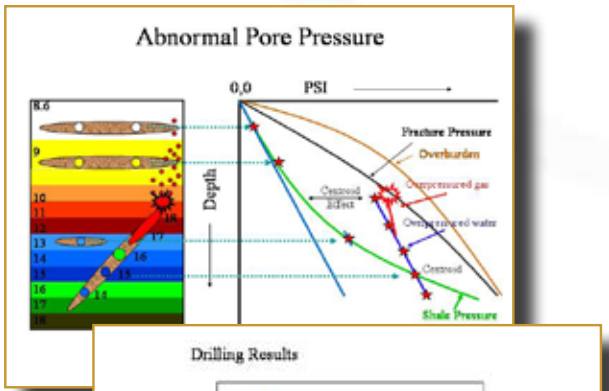


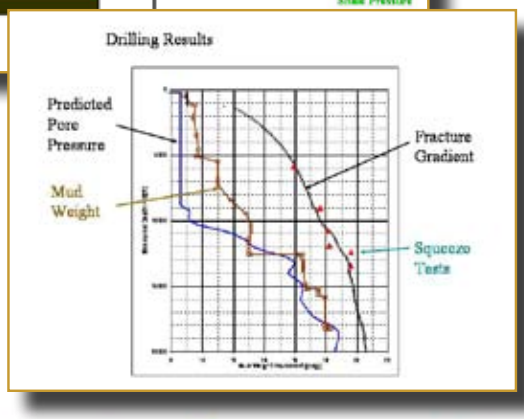
DrilSeis Deliverables:

- Includes LithSeis and QX deliverables
- Segy Volumes:
  - Velocity-based pore pressure
  - Velocity-based fracture gradient
  - Q-Based pore pressure
  - Q-Based fracture gradient

DrilSeis Benefits:

- Pore pressure predictions from Velocities and Frequency Attenuation
- Anticipate and prevent loss of returns and blowouts
- Optimize drilling and casing program
- Highlight potential shallow water flows
- Increase drilling safety
- Anticipate transition zones and potential kick zones
- Identify:
  - Plumes
  - Pressure regressions
  - Centroid effects
  - Abnormal pressure containment zones
- Plus all of the LithSeis® and QX® benefits





Seismic Petrophysics

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