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Seismic to Simulation - Accelerate Your Understanding of the Reservoir

Accurate reservoir characterization is critical to the success of every well. Two key points: 1) getting from seismic simulation to reservoir simulation is within the reach of most interpreters through new technologies, and 2) quicker delineation and development of reservoir models leads to better understanding and better economic decisions.

Effective use of technology in well-defined workflows results in direct incorporation of seismic interpretation into highly accurate reservoir models and simulations. Better understanding results in better technological and business decisions. You will see a case study and workflow presented that uses all available data -- 3D seismic, velocity and well curves -- to isolate seismically defined bodies that represent reservoir units. The bodies are then incorporated directly into a detailed geologic model. The model is then tested through reservoir simulation to test multiple scenarios. As multiple scenarios are evaluated technical knowledge turns into economic decisions.