

VoxelGeo Gas Sand Reservoir w/Faults

Exploration and production wells account for the largest operational expense for an oil company and the critical path to economic success depends on having accurate 3D models of hydrocarbon reservoirs. The models below were created from 3D seismic utilizing voxel detection techniques (such as in Paradigm's Voxelgeo software) and surface triangulation to essentially shrink-wrap a surface around the space defined by the voxel detections.