

Prestack Seismic Data Analysis with 3D Visualization – A Case Study

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Abstract/Excerpt

The dataset generated in prestack seismic processing consists of a variety of attributes and CMP gathers. It poses challenges in the quick evaluation for reservoir characterization and often prevents the full exploitation of valuable information contained in prestack seismic data. We present a case study to demonstrate how to improve interpretation on a 3D survey by using traditional approaches and new techniques in 3D visualization.