

GEOPHYSICS

✓ **Seismic Acquisition 2D & 3D**

✓ **Seismic Processing 2D & 3D**

- Data QC & pre-processing
 - Static Corrections
 - Stacking Velocity Analysis
 - Processing QC
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✓ **Calibration of Seismic to Wells**

- PSTM & PSDM
 - Checkshots and VSP's
 - Synthetic Seismograms
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✓ **Tectonics: Extensional/ Compressional Systems**

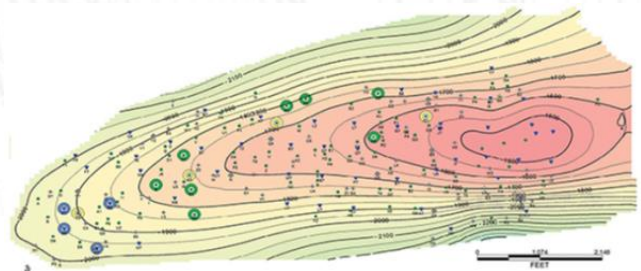
✓ **Seismic Interpretation (Picking)**

- Marker Continuity and Quality
 - Markers, Tops and Unconformities
 - Faults, Wedgeouts etc.
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✓ **Depth Conversion**

- Time Depth Curves.
 - Velocity Layering
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✓ **TWT & Depth Mapping**



✓ **Inversion & Attribute Analysis**

✓ **Fluid type and Contact identification**

- AVO and other Attributes
 - Gas, Oil, Water identification
 - DHI's & Fluid Contact Mapping
 - 4D Seismic
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✓ **Seismic Facies Characterization**

✓ **Fracture Characterization**

✓ **Operations – [Well Drilling follow-up/supervision & geosteering]**

✓ **Uncertainty analysis & quantification**

✓ **Integration with Geology, Petrophysics, Reservoir Engineering and Drilling**

