



Geologic Insight

Services for the Oil & Gas Industries

4D GeoViz, LLC is a geoscience service and consulting business serving the oil and gas industry. We apply advanced digital graphic technology and our extensive geological expertise to help clients streamline exploration and increase productivity for cost-effective exploration and drilling operations.

We are distinguished by our leading-edge geologic modeling and visualization technologies and extensive geoscience research and field experience. We offer affordable geospatial solutions to help clients

- Develop cost-effective data collection plans
- Manage and optimize geophysical, seismic and well data
- Expand insights into subsurface geologic conditions and deposits
- Find prospective targets and devise efficient well paths
- Improve the productivity and efficiency of field operations
- Apply water flooding and CO₂ injection for enhanced oil recovery

Clients use our geologic insights to guide resource location and drilling strategies. Our support contributes further to project planning, field operations, and risk management.





4DGeoViz Services

- **Data Collection Planning** – geospatial extent, data quality and digital plan display
- **Data Organization & Formatting** – standardizes geophysical, stratigraphic, and well data
- **Analysis & Visualization of Geospatial, Seismic & Well-Logging Data** – characterizes geologic properties, determines geometric structural relationships
- **Software Ecosystem Assessment** – defines E&P software requirements and identifies appropriate software suites
- **Geomodeling for Simulation of Field and Flow Conditions** – multiphase fluid volumes, resource volume estimates, enhanced oil recovery strategies
- **Enhanced Oil Recovery** – with water flooding and CO₂ injection
- **Consultation** – breakthrough approaches for optimizing resources and productivity
- **Project Management** – PMI®-certified PMP

We use state-of-the-art geo-modeling systems and digital graphic simulations to analyze subsurface data. The analysis and interpretation provide valuable input for business decisions.



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