

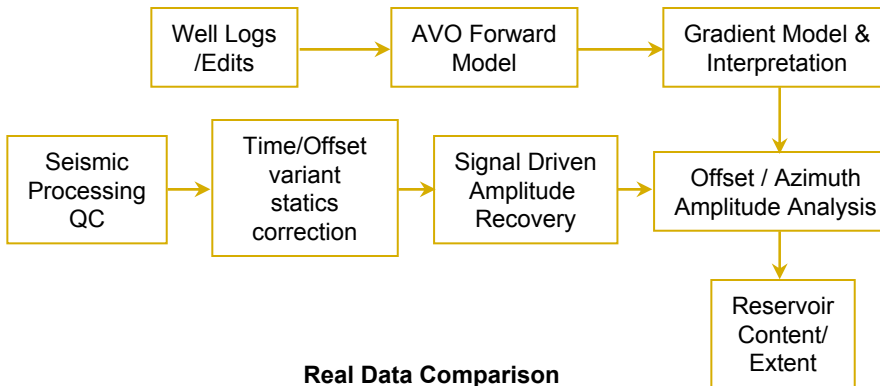
AVO

IN BRIEF:

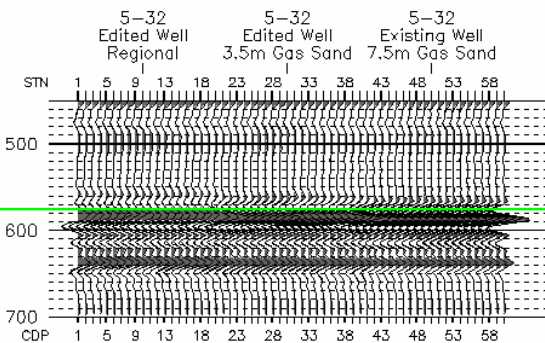
- Direct Hydrocarbon Indicator
- Forward models allow gradient signature templating
- Prestack interpretation of stack amplitude anomalies.

Successful 2D and 3D AVO Targets:

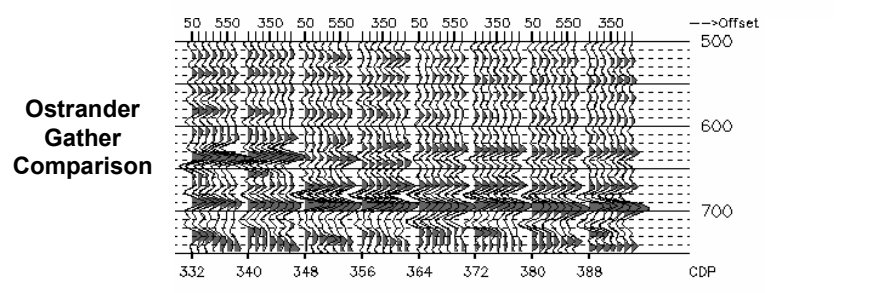
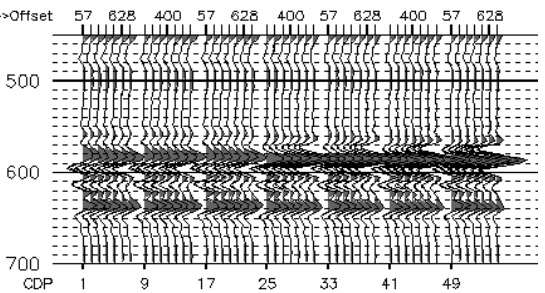
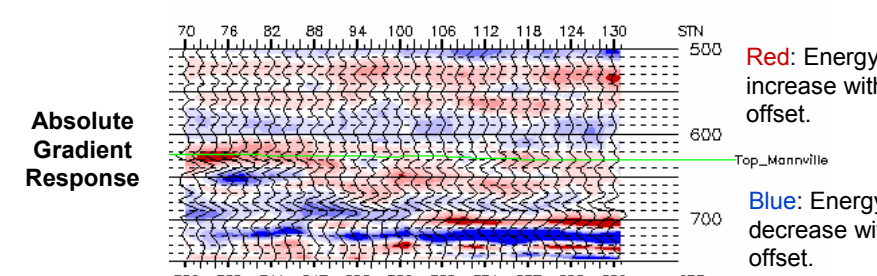
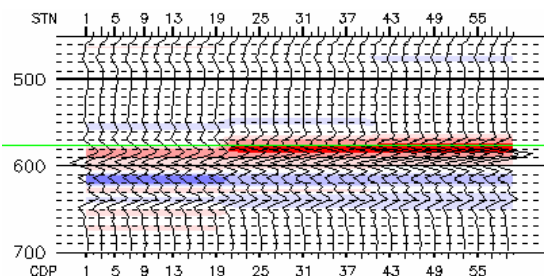
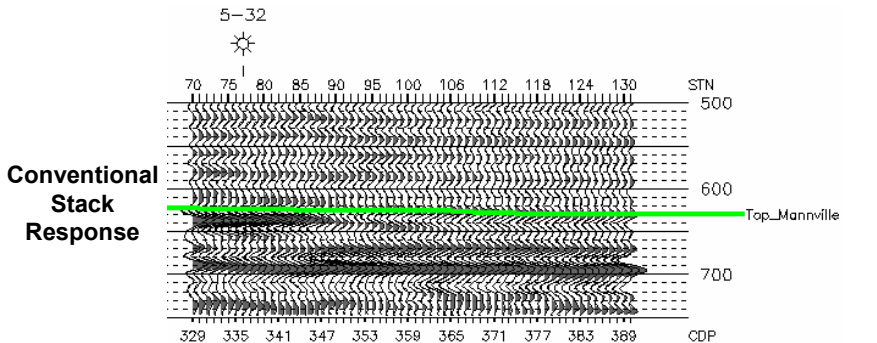
- Colony
- Viking Channels
- Basal Quartz
- Notikewin
- Paddy / Caddotte
- Second White Specks
- Halfway
- Bluesky / Gething
- Glauconitic



AVO Gradient Model Display



Real Data Comparison



AVO Forward Modeling, 2D/3D Gradient Models, Processing Quality Control, 3D Offset/CDP Consistent Scaling, Time Variant Phase/Static Compensation, AVO Inversion **Prestack Migrated AVO Analysis** 2D/3D AVO Gradient Analysis, Gradient Horizon Slices, Poisson's Ratio/Fluid Factor Stacks, Pseudo-Shear Wave Stacks