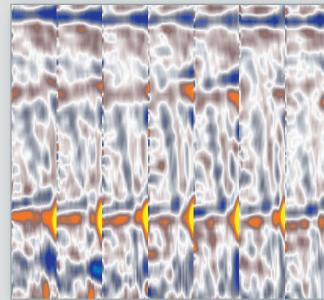
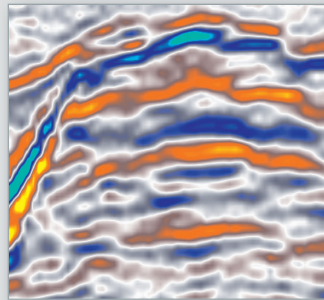
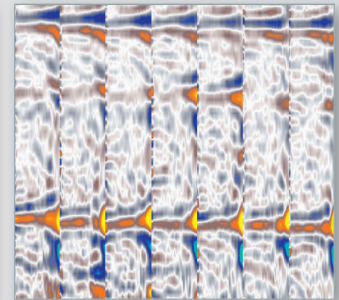


1



2



1 *Stack of GRT-gathers without Q-compensation (left), with Q-compensation (right)*

2 *GRT-gathers without Q-compensation (left), with Q-compensation (right)*

Q-COMPENSATION IN TRUE-AMPLITUDE ANGLE GATHERS FROM GRT DEPTH MIGRATION

- Correcting the anelastic attenuation during migration
 - Accounting for the physical effect along propagation paths of seismic energy
 - Integrating the effect of Q along ray paths
 - Reflection-angle dependent correction
 - Phase-only-, Amplitude-only-, Phase-and-amplitude-options
 - Low noise level by stabilized amplitude Q-term and stationary dip-detection
- QC-ing and interpreting the Q-model with the migrated seismic
- Using Q-migration in all GRT-applications:
 - Marine surface, OBC, land data
 - PP- or converted-wave PP-PS-modus
 - Mirror-migration
 - TTI/ tilted-orthorhombic velocity models
 - Diffraction imaging

We offer services for full-fold migration area up to 2000 km²; from high resolution shallow to 10 km deep sub-salt imaging.

➔ Ask for target-oriented test projects.

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