

PRE-STACK DATA ANALYSIS SERVICES

SHARP REFLECTIONS SPECIALIZES IN PRE-STACK SEISMIC DATA ANALYSIS FOR RESERVOIR CHARACTERIZATION. Modern quantitative interpretation (QI) techniques have great predictive power, but only where very high-quality seismic data inputs are used in the analysis. Sharp's unique combination of gather conditioning and interpretation ensures superior results.

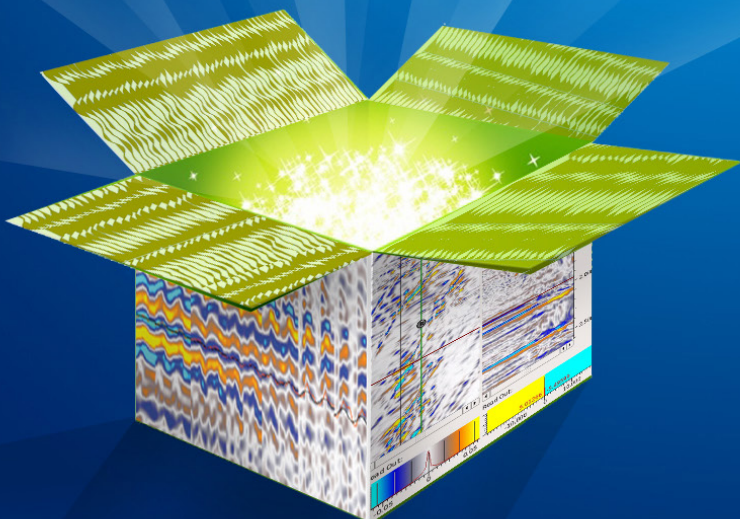
- Big Data services. Quick, high-quality QI results that take advantage of every single seismic trace.
- No compromises, and no more cutting down data to fit your workstation.

Our service team delivers rich amplitude interpretation studies straight from the gathers!

FULL
data insight
in record time

CUSTOMER BENEFITS

- + Efficient and targeted studies
- + Accelerate your decision process
- + Always work with the best gather quality
- + Leverage Sharp's expertise
- + Better QI results using full pre-stack dataset
- + No IT investments



WHAT'S IN YOUR STACK OF ROCKS?

Customized analysis made to fit your needs

Our standard service is delivered in two parts, with an initial QI baselining study, followed by complete 3D reservoir characterization on a field, prospect, or full survey.

Baselining includes data quality QC, gather conditioning, and attribute tests on key lines.

Full studies push the Baselining results out to 3D.

QI Baselining

- Seismic health check
- Forward gather model/calibrate single well to real gathers
- Design gather conditioning workflow and test on key lines
- Generate lithology/fluid attributes and test before/after conditioning

BASELINING REVIEW

3d Reservoir
Characterization
Study

- Full area data conditioning
- Conditioned angle gathers, partial angle stacks
- Pre-stack horizon interpretation and amplitude maps
- Calculation and interpretation of AVA/Relative Impedance volumes

PROJECT ENHANCEMENTS

Get even more out of your data with these add-ons!

Interpretation Workshops



High-Impact, Interactive Work Sessions For Your Team

Interrogate the full 3D study results using our big data software. Sharp's experts guide and drive the session. All your gathers, stacks, and maps in one place.

PCube+ Inversion

Estimate Rock and Fluid Properties

Sharp Reflections has contracted with the Norwegian Computing Center to offer its PCube+ pre-stack seismic inversion directly in Pre-Stack Pro. Enhance your study with a full pre-stack inversion to estimate reservoir thicknesses, lithologies, and fluid fill from fully-conditioned seismic and well data.

Contact one of our sales managers for a project proposal

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