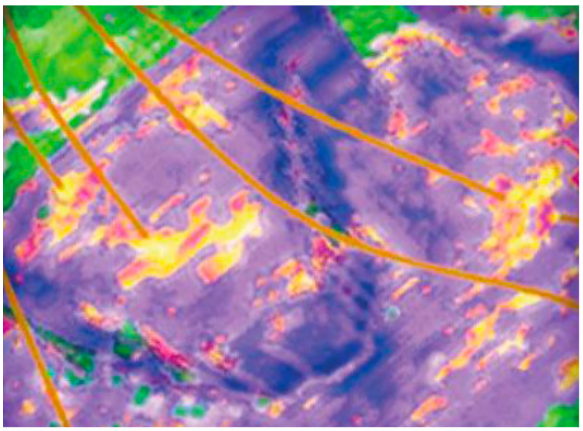
Jason® Workbench
InverTracePlus

Improve Data Interpretation with Inversion of Post-Stack Seismic Data to P-Impedance

InverTracePlus® is a seismic inversion application which estimates P-impedance from post-stack seismic. Inputs are a seismic stack, corresponding wavelet and low-frequency model. Porosity is often computed from the P-impedance output The P-impedance from inversion and any derivative can be interpreted from a Bayesian analysis perspective using the **FFP** application. This facilitates the generation of probability-based net pay maps.

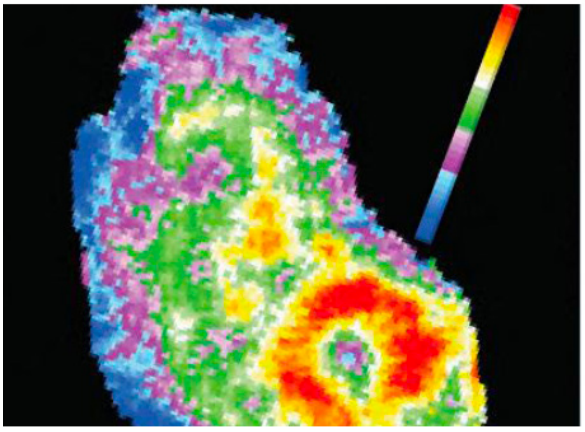
InverTracePlus post-stack inversion integrates sparse spike inversion technology with sophisticated low-frequency modeling techniques to produce the most advanced deterministic estimates of P-impedance in the industry. The parameterization includes full 3D control of most variables, and a rich set of quality controls.



Devonian reef impedances.

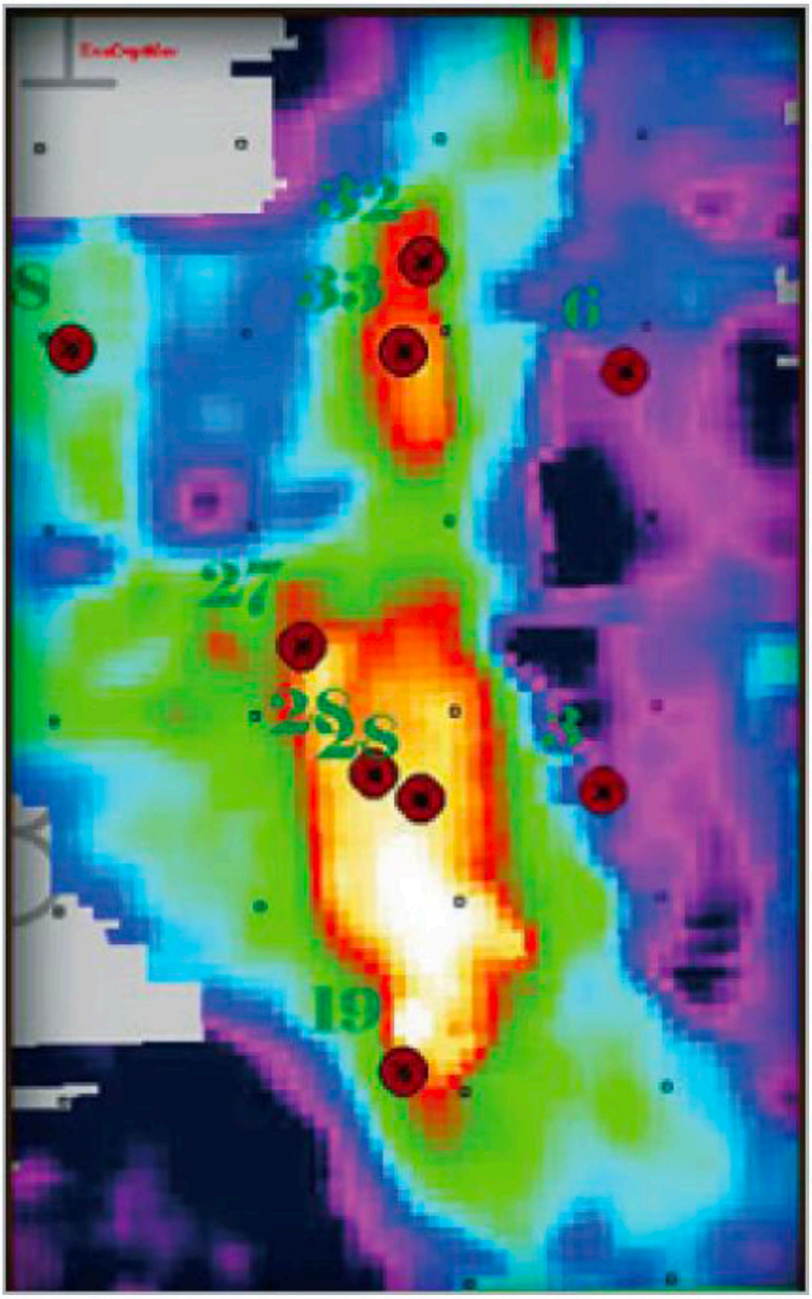
The Jason advantage

- Intuitive parameter settings in a user-friendly interface
- Consistent, accurate reservoir properties
- Wells available for QC since results are not model-based
- Realistic low-frequency models consistent with geology
- Drill fewer and better wells
- Achieve exploration and production goals
- Optimize development of reservoirs
- Accurate reserves estimates
- Probability-based interpretation via **FFP**



Porosity in a Nisku reef.

Jason® Workbench
InverTracePlus



The figure shows the mapping of Cretaceous channel sandstones. Remove wavelet tuning and interference, generate rock properties from seismic and improve the interpretability of your data with InverTracePlus.

Key features

- Unique, proprietary Algorithm
- Rich QC for QI analysis
- Advanced spatial constraints
- Proprietary inversion engine
- Non-model-based
- Full Zoeppritz equation
- Rich parameterization control
- 3D-variable wavelets
- Detailed low-frequency models
- Honors faults and stratigraphy
- Driven by geology and seismic

TO LEARN MORE, VISIT:
www.GeoSoftware.com

CONTACT US AT:
info@geosoftware.com

GeoSoftware™