Jason® Workbench
Depth Inversion

Well Ties and Inversions From Depth Seismic—All With the Convenience of Traditional Time QCs

The **Jason® Workbench** now supports deterministic workflows with depth seismic inputs. This includes tying wells, estimating wavelets and performing post-stack or pre-stack inversions with **Jason InverTracePlus®** and **RockTrace®**.

With **Jason's Depth Inversion** process, it is now possible to process large data sets in depth without copying data into time. Time-to-depth conversion runs in the background as required using **Jason**'s On-the-Fly (OTF) technology. This is valuable for QI teams and engineers who need to plan wells in depth and allows for accurate reserve estimates and faster project turnaround.

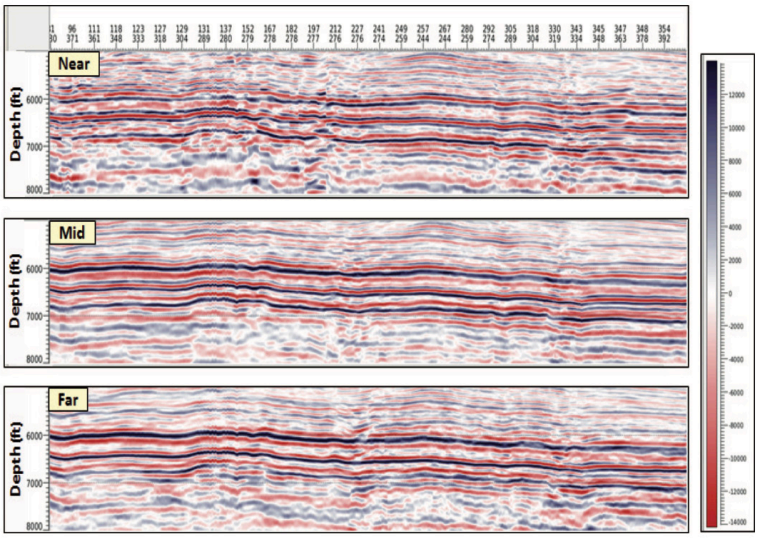
Convert to depth within the Jason Workbench for accurate transfer to reservoir models

- With **Depth Inversion**, there is no need to explicitly convert to time before performing inversions. On- the-Fly (OTF) technology integrates with **Jason** applications and honors solid model stratigraphy. For a scientifically robust solution to depth inversion, key operations are performed in time using associated velocity models. All input velocity models can easily be calibrated to true vertical depth using the **Jason** interactive application, **DepthMod**. These advanced **Jason** workflows help overcome the E&P processing challenge of performing seismic inversions in true depth.

The Jason Advantage

Gain the advantages of both depth inputs and time analyses with **Jason** OTF technology.

- Key operations are performed in time with Depth- to-Time (DTC) OTF technology
- Image engineering properties natively in depth, ready for reservoir simulation
- Removes the need for after-the-fact Time-Depth conversion



Partial-angle stacks in depth for input to inversion.

Key Analysis Features

- Process large data sets in depth without copying data into time before performing inversions
- Tie wells, estimate wavelets, and perform post- stack or pre-stack inversions from depth seismic, all in time and with the convenience of traditional time QCs

GeoSoftware™
www.GeoSoftware.com

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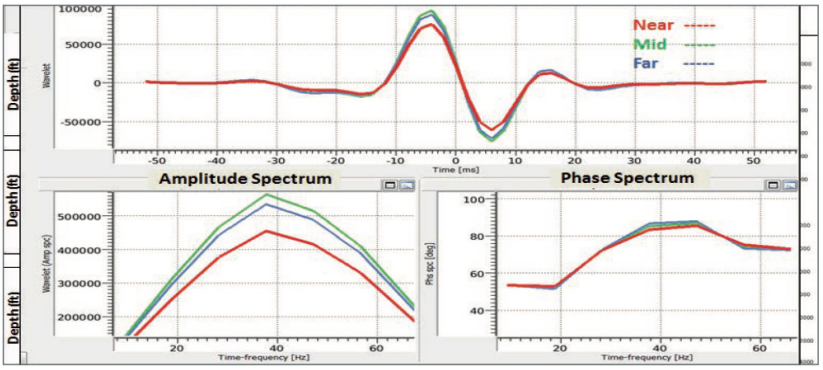
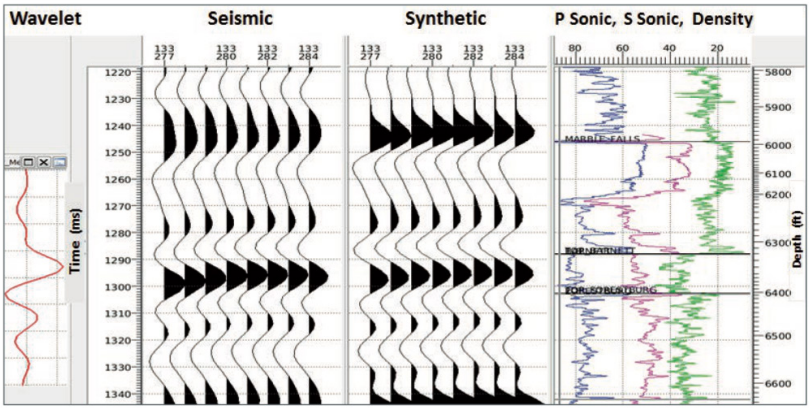
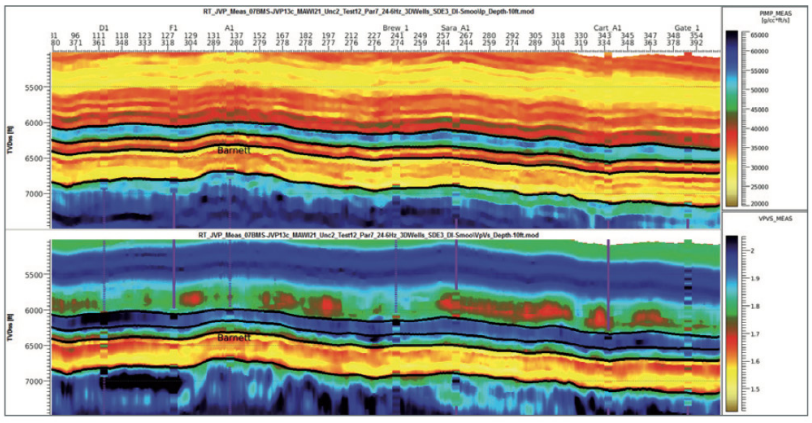


The accuracy of estimating wavelets in time from depth seismic with Jason's OTF technology.



Depth seismic inputs along with the convenience of well ties in time.



Final depth inversion: P Impedance and Vp/Vs with well logs in overlay.