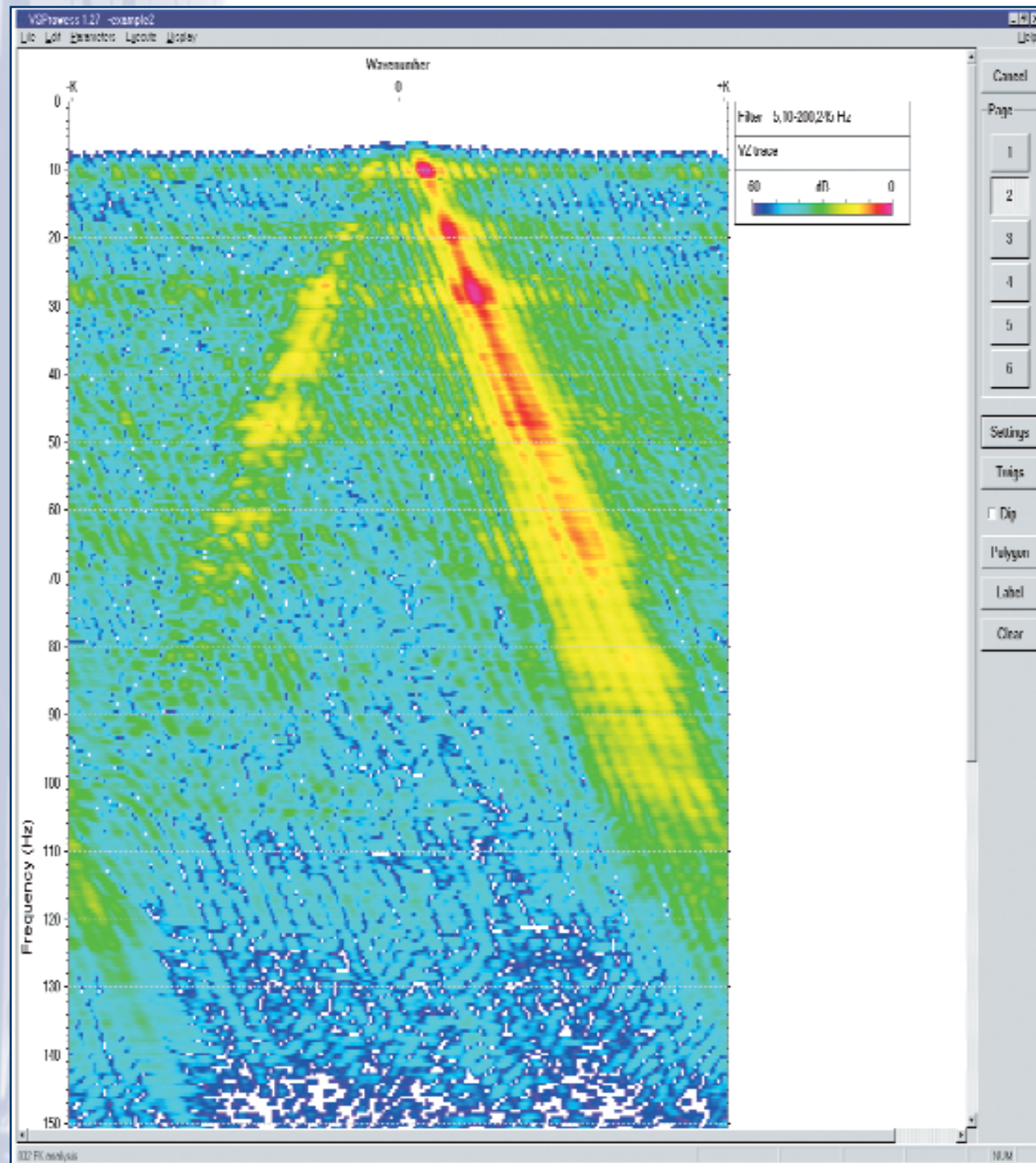


VSProWess®



FK transform of the vertical data

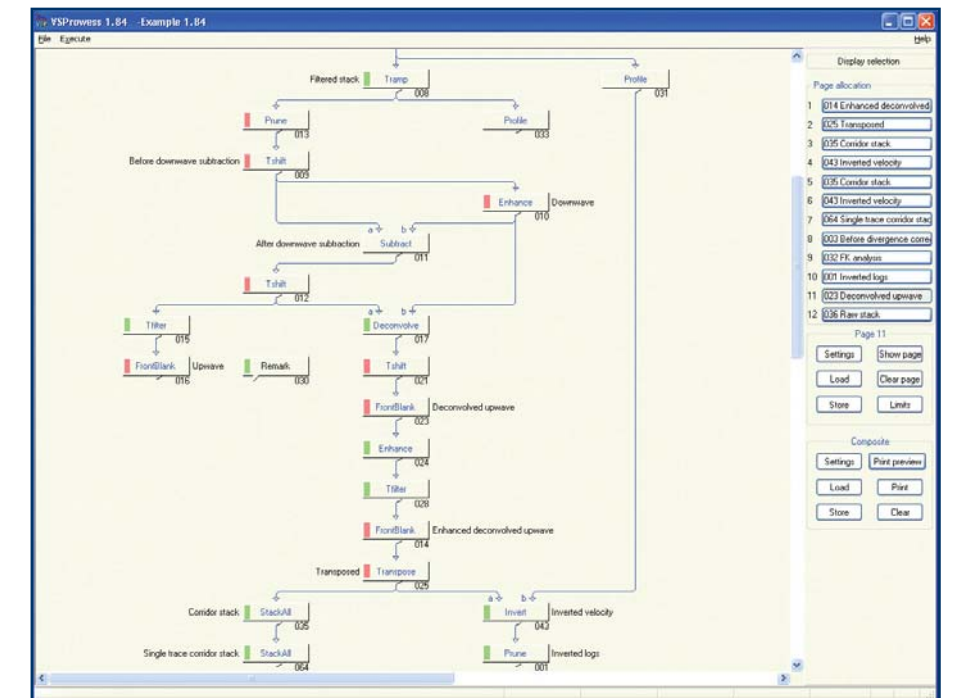
VSProWess®

Main Features

- Three component processing of any survey configuration
- Image reconstruction of P and S wave modes, both CDP mapping and migration, using simple dip, anisotropic models
- Time slice display of 3D datasets
- Proximity surveys including anisotropy and simple dip
- Q estimation
- Wavelet extraction/matching
- AVO/AVA analysis tools
- Fracture monitoring display
- Flexible display options
- Input data formats include SEG2, SEG2 and MIR2
- Velocity log calibration and synthetic seismogram
- Import and display of LAS logs

Front cover image

Flowchart of a typical processing route. Link, move, delete any of the library modules using your mouse. Save your customised routes for future use. Write and integrate your own modules or simply adapt any of the extensive list of existing modules.



Flow chart driven VSP acquisition, QC and processing package

General

VSProWess® seismic processing software is optimised for the special requirements of borehole seismic data acquisition, especially Vertical Seismic Profile (VSP) and related techniques. VSProWess® is often used at the rig site to generate quality control displays and preliminary processed results during or shortly after the data acquisition operation.

Production Processing

VSProWess is used to process many hundreds of VSP surveys each year and can handle everything from a simple checkshot report, through to final composite display. It has long been the software of choice for independent VSP specialists and a major wireline contractor has recently adopted VSProWess as its primary VSP processing tool.

Proprietary Operators

User developed processing operators are incorporated seamlessly with the standard operator set.

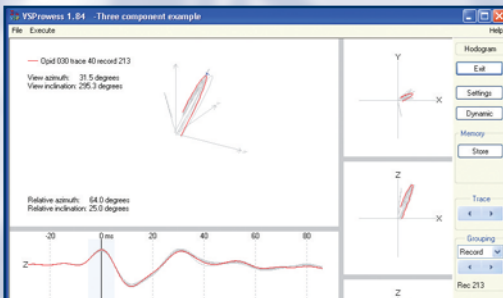
Education

Ease of use makes VSProWess® an excellent tool for training and general signal processing education.

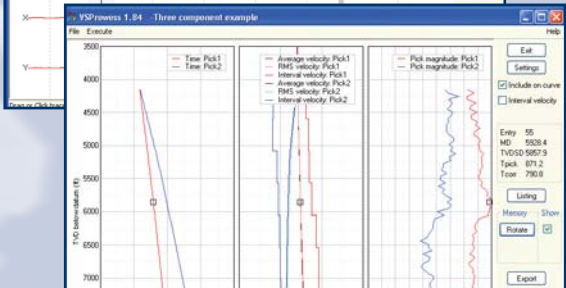
Research

Flexibility and seamless extension with user-written processing algorithms also make VSProWess® an excellent tool for research and special studies.

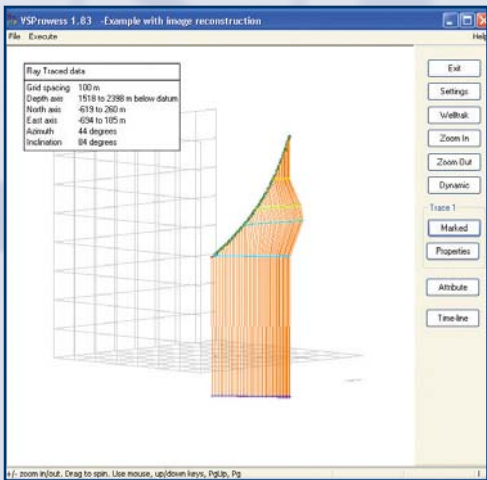
VSProWess®



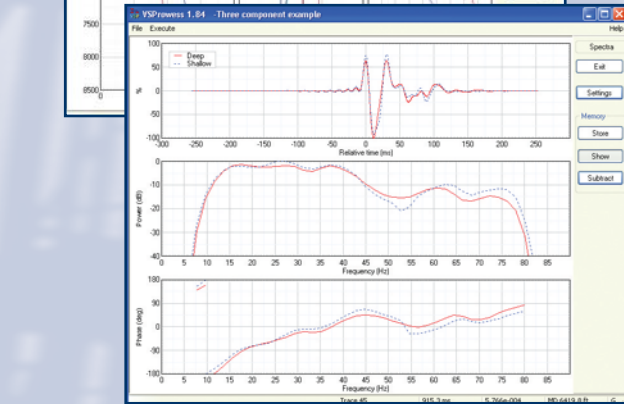
Hodogram



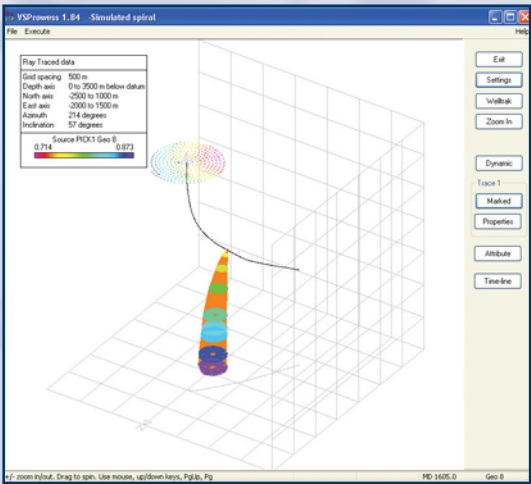
Profile



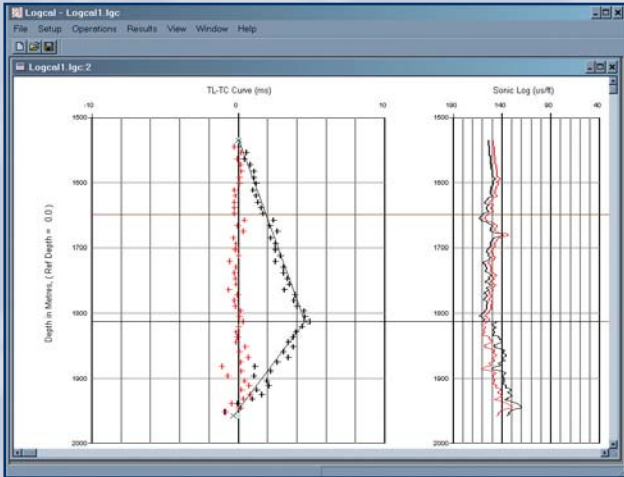
Ray tracing



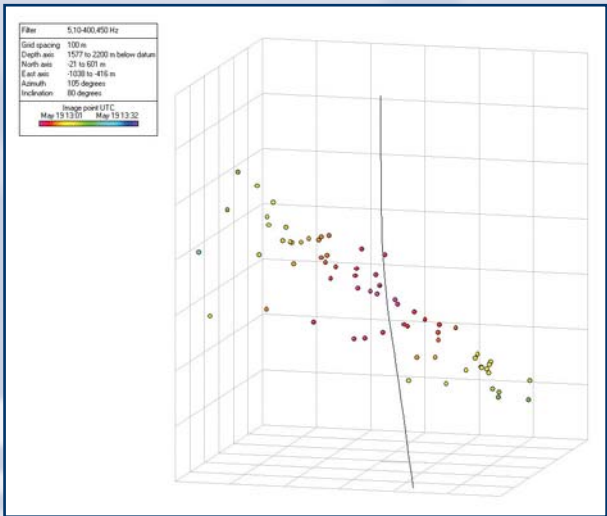
Spectral analysis



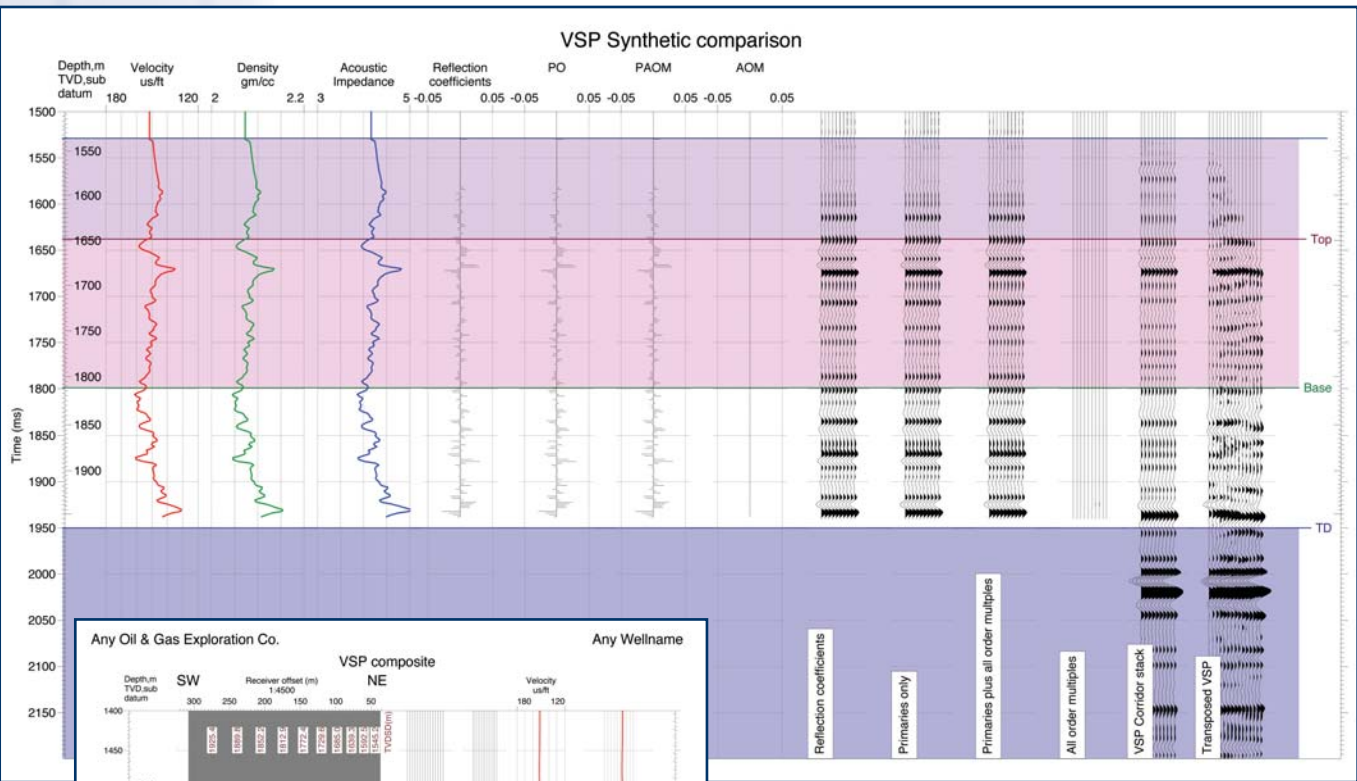
3D Ray trace



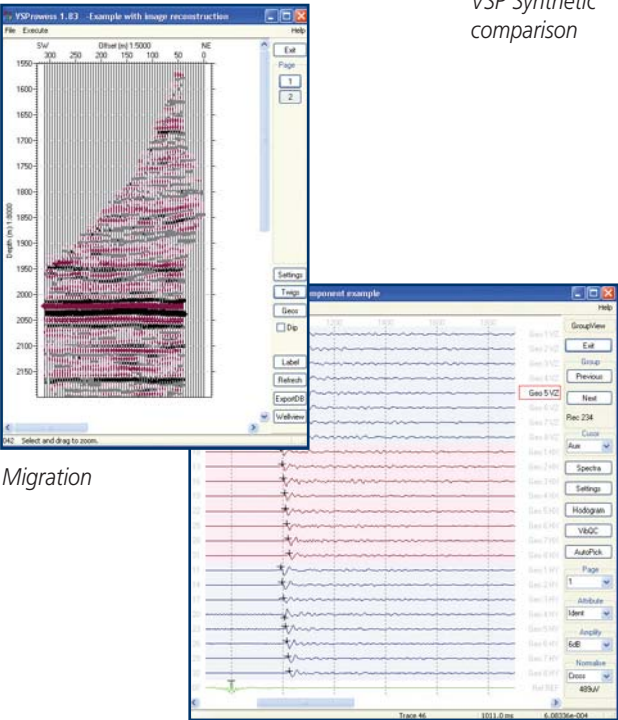
Velocity log calibration



Fracture Monitoring



VSP Composite



VSP Synthetic comparison

Migration

Record view