

## Petrel Workflow Tools 2002 Released

**P**etrel, a leader in the provision of PC based modelling software for the E&P industry, has released its latest product, Workflow Tools 2002.

The PC-based 3D geoscience application represents Petrel's most important advance in geomodelling and seismic interpretation, and is a culmination of two years of development that focused on giving users the ability to model a complete project in a single application.

Petrel Workflow Tools 2002 enables geoscientists to interpret 2D and 3D seismic data both in conventional 2D interpretation windows and in 3D space.

Petrel's Product Manager, Paul Hovdenak, said the new product would provide geoscientists with the valuable tool of visualising and integrating all relevant data in 3D space. "There is no more important task for the production geoscientist than to quantify ideas. Petreltm provides the common thread through which the sub-surface team expresses itself. Clients tell us that the projects that used to take six months can now be completed in only three weeks."

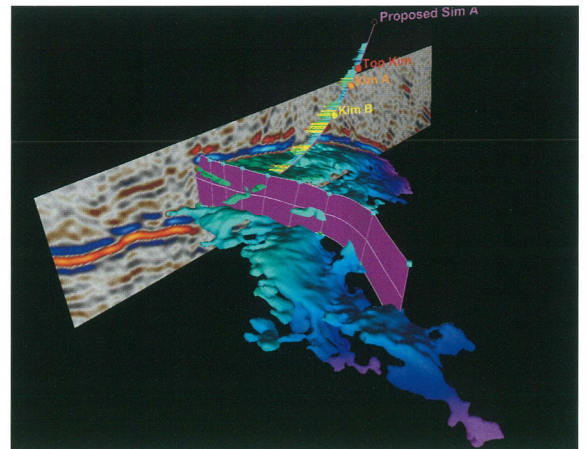
"With the familiar Microsoft Office as the inspiration to the Petreltm User Interface development, our customers repeatedly tell us Petreltm allows for less time spent on learning the software, and more time focusing on the real problems and issues in a reservoir characterisation project."

Petreltm specialises in providing E&P workflow tools for subsurface modelling and visualisation, consisting of a fully integrated

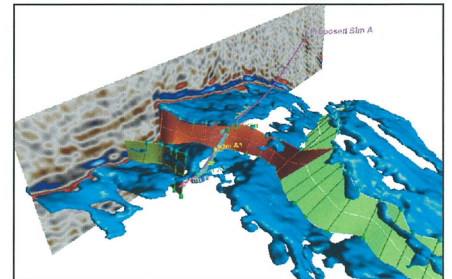
suite spanning from geophysics to production technology.

Other features of the new product include:

- an intuitive process manager with predefined processes and mapping in batch functionality that allows users to quickly update models when new data is available;
- fast and stable 3D autotracking that expedites the process of interpreting horizons;
- a new 2D interpretation window that complements Petrel's 3D interpretation capabilities, for access to detail and the ability to deal with large 2D lines;
- the ability to preserve the entire history of an interpretation, making it possible to undo and redo;
- a revolutionary 3D volume extraction module that enables extraction of seismic features and visualisation of connected bodies;
- an enhanced analysis module with new and powerful display, filtering, analysis and transformation tools;
- multilateral wells, sidetracks, cone of error and modelling while drilling have been included in the powerful well design module;
- mapping tools have been complemented with formation top attributes, bubble/pie charts, well section tadpoles and dip/azimuth visualisation; and
- and a unique new Tensor Upscaler that uses a pressure solver specifically



*Seismic functionality as: 3d volume extraction and autotracking in 3 dimensions.*



*Seismic image.*

designed to handle the large changes in permeability from cell to cell which can occur in geological models, eliminating the smearing of permeabilities that are sometimes a problem with this technique.