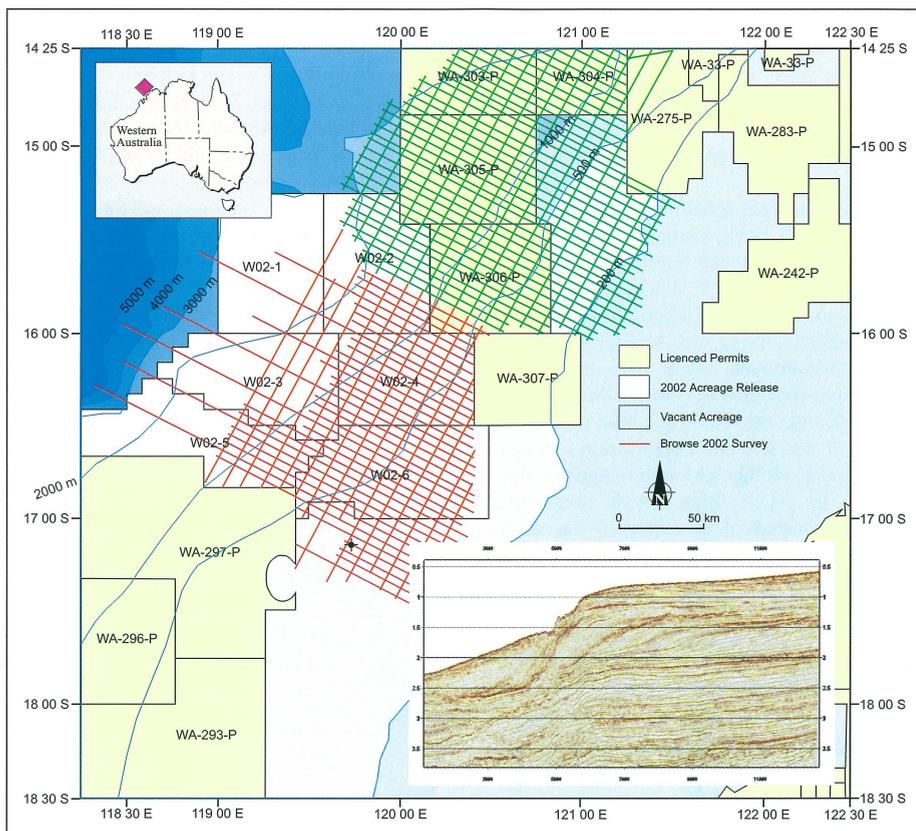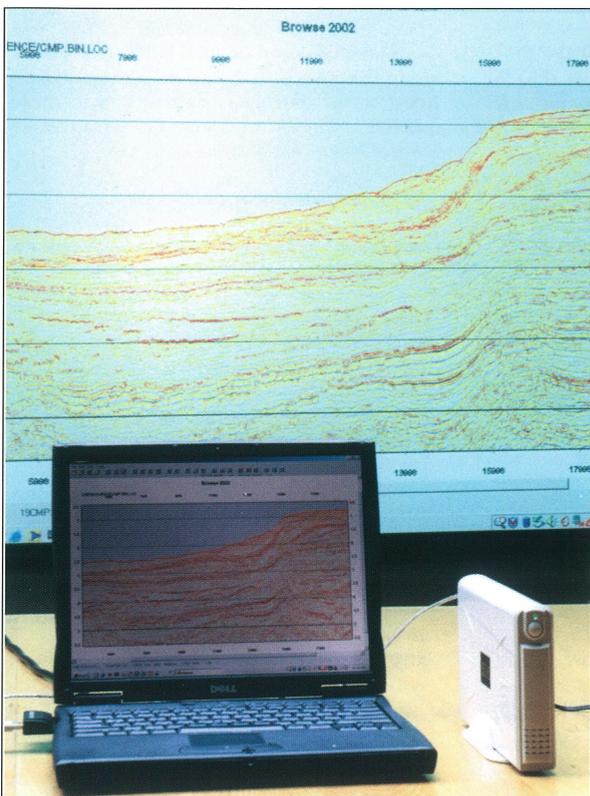# Library Data EXPOSED!

The Vega development team and marketers at Veritas claim to have come up with a powerful and cost-effective new way to display the company's seismic data library to potential clients.

While developing the in-house package of seismic utilities (collectively known as Vega) to operate on standard Unix and Windows desktop systems, the marketing potential to use components of this package to bring virtual data to the client's doorstep was quickly realised, said Veritas.

In the old days, data sales representatives hauled around heavy bundles of paper seismic sections, showing customers small samplings of data in a one-dimensional environment. More recently, of course, clients are invited to visualisation centres to work with detailed displays of huge volumes of data in a highly interactive working environment. Now, according to Veritas, the two have been combined, and at a fraction of the price of commercial alternatives.

By taking advantage of the EXPOSE module of Veritas' data processing system and a laptop computer equipped with a few inexpensive peripheral devices, Veritas marketing staff can now carry literally huge volumes of the company's data library around with them.

The first trial implementation of the portable version of EXPOSE has been in the Asia

Browse Basin 2D regional survey.

Pacific region. Specifically, a standard Dell laptop was upgraded to 512MB of RAM and had a 75-gigabyte stand-alone hard drive added through a PCMCIA USB-2 adaptor (see picture). EXPOSE was then installed and an initial 6,000 km of Browse Basin 2D library data were loaded onto the external hard drive at an incremental cost less than $300.

The system was taken to Perth, Australia, to test on four major clients. "We hooked up the laptop to a regular overhead projector and were able to zoom in and out on the seismic data, scroll, change scale, change colours, change gain and even look at RMS amplitude values on specific anomalies", explained Sami Khan, Vice President, Marketing, Asia Pacific. "We often had several zoom windows open at once, almost as if we had brought our Singapore processing centre to their office."

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EXPOSE is said to offer outstanding graphical resolution in addition to utilising the full 32-bit range of the data. Also, the advantage of EXPOSE reading the data in the native processing format removes the time-consuming step of converting the data into a format that a purchased data viewing tool could read. Veritas says the system is very portable and easy to use and has so far proven robust and reliable.

Since the inaugural Perth road show, several more Asia Pacific datasets have been added to the portable system, which can hold the equivalent of 100,000 km of 2D data at 8-second record lengths. Soon, the entire Veritas Asia Pacific data library will be loaded and available for demonstration in this same portable manner, including at upcoming trade shows.

The next steps in this project are to configure additional laptop systems for additional users, while developing logical add-ons to the software. Ultimately, this technology could be applied to 3D data volumes and deployed in other regions.