PETROLEUM GEOLOGY CONFERENCE 2000
22 & 23 November 2000
Shangri-La Hotel, Kuala Lumpur, Malaysia

# ABSTRACTS OF POSTERS

*Poster 1*

## Processing to the limit with SIPMAP, Shell proprietary in-house seismic processing software

KHAW LAY HONG & NAZERI ABD. GHANI
Sarawak Shell Berhad/Sabah Shell Petroleum Co. Ltd.
Miri, Sarawak, Malaysia

Sarawak Shell Berhad EPT-GPA, the Seismic Processing and Archiving group has been in the business of producing quality seismic data in production mode for a number of years now. Starting with the first inhouse 3D in 1996 with the first installation of an initial 4-160 MHz CPU IBM SP2s. The center has now grown to a massive 24-400 MHz CPU Sun-E450s with total storage of 1.2 Terrabyte disk space.

With the recent upgrade, processing capability has increased from a 1,000 kms conventional 2-Ds and 3Ds to full blown Pre Stack Time and Pre Stack Depth Imaging in-house projects. The biggest 3D to date clocked 1,400 sq km just last year.

### SIPMAP Processing Power

IBM SP2s & Sun E450s. Increased processing capability as well as speed with the recent installation of the new Suns. More value added processing are being carried out in-house on top of SIPMAP quality conventional 2D and 3D projects.

### What can SIPMAP bring into the picture from your seismic dataset?

*Conventional Processing & Reprocessing: 2D & 3D Marine*

The center is fully equipped to carry out 2D/3D Marine new processing as well as reprocessing work. Dedicated machines as well knowledgable trained stuff ensure you□ll get the most from your seismic data.

*Special Processing: Pre Stack Imaging, PreStack Depth Migration, 4C, Timelapse*

Expertise in value added processing above made the SIPMAP center your ideal partner in discovering the immense benefits of new technology in your field.

### Some notable SIPMAP data examples are categorized as follows:

a. 2D & 3D Conventional Processing: Baronia, Baronia Timurlaut, Baram
b. PSI Processing: Timbalai, Winchester
c. PSDM: Kebabangan, SBG, Barton South Furious
d. 4C: SK308