

# **DLIS and archival of interpreted petrophysical data**

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## **Laporan (Report)**

Dr. Peter Boles, Senior Research Engineer of Paradigm Geophysical based in Brisbane Australia, gave the above talk to Malaysia Chapters of the SPE & SPWLA and the Petroleum Group of Geological Society of Malaysia on Monday 19th June 2000 at 9th Floor Twin Tower 1, Kuala Lumpur City Centre at 12.00 noon.

## **Abstrak (Abstract)**

DLIS is the API standard for the recording of well log data. Today, the API has defined Version 2.0 of the standard, but 100% of the industry still uses Version 1.0 for the recording of acquisition wireline and LWD data, and for the recording of processed or interpreted petrophysical data. With this, there are issues of weaknesses in the recording of acquisition data to be defined and improved by the various data acquisition companies, and issues of how to best record the interpreted data or results into the physical format of DLIS.

The proposed presentation will outline DLIS and data archival issues that affect the day to day workflow of the well log analyst or petrophysicist using the various commercial software packages available to them.

Firstly, an overview of historical DLIS problems will be presented as they do affect the well log analyst from the data loading point in their workflow. Secondly, some recommendations on good practices will be made to minimize problems in loading DLIS into interpretation software. Thirdly, the issue of auditing of the workflow of the well log analyst with regard to archival of their results into DLIS will be discussed. Today, the industry has no clear guidelines for the third subject. With this in mind, the efforts of POSC to help produce guidelines will be presented along with some details of a pilot project sponsored by a major European oil company and two service companies. Feedback from the Kuala Lumpur talk on this third subject will be transmitted to POSC and other interested groups.

