

Subsurface E&P data management: some recent SSB/SSPC experiences

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Sarawak Shell Berhad/Sabah Shell Petroleum Company embarked on a company wide subsurface data integration (SSDI) project in early 1997 following an organisational restructuring in 1996. Now, nearly four years later, significant progress has been made in a number of areas. However, there is a continuing drive to identify and resolve areas of weakness and to continue to improve.

This paper discusses the issues and challenges in E&P subsurface data management, approaches taken to address them and experiences to date. In particular it covers the following areas:

- Data ownership and culture change
- Database architecture and data processes
- Data integration and how this can be achieved
- Procedures

In summary, the paper looks at the recognised issues that remain to be tackled and the approaches that are being taken and concludes by taking a look at some of the exciting developments in technology in recent years that may have impact on subsurface data management.