

PNEC April 2005

Phil Crouse's three day Petroleum Data Integration Conference has become the staple of the upstream data management community. This year some 250 registered – with 40 from outside North America. As ExxonMobil's Madelyn Bell stated in the panel discussion, despite the same topics cropping up over the years, data management has changed. The focus has shifted from data modeling and middleware to **data quality** and **completeness**. Other notable shifts are towards **content** – in the form of taxonomies and to **spatial** representation and the management of complex spatial datasets.

Majors and National oil companies are getting serious about data management as presentations from **Shell**, **ChevronTexaco** and **Pemex** illustrate. The Shell presentation shows that **Landmark** has a credible data management offering. Schlumberger's paper(s) did not get past Phil Crouse's scrutiny for some reason. **Innerlogix** continues to work on major data cleanup projects – notably with ChevronTexaco.

Data vendors are adopting increasingly sophisticated **data delivery** mechanisms (A2D) and data mappings to multiple legacy data stores (IHS Energy). **Data quality** checking is now extending to **spatial data** (Shell). Spatial data access strategy was the subject of an illuminating presentation by Petrosys and POSC is working towards a web services-based version of the EPSG's dataset, while **PPDM's 'Lite'** data model is tailored to spatial deployment.

Highlights

[Tibco usage in Nexen](#)

[Shell's data infrastructure](#)

[StoneBond Information Integrity Process](#)

[Petris – dictionary deployment](#)

[Chevron's well positional data clean-up](#)

[Petrosys – Spatial/relational query](#)

[PPDM – Lite/Spatial](#)

[POSC – EPSG web services](#)

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