

**Petroleum Network Education Conferences (PNEC)
E&P Petroleum Data and Information Management 2010
Houston**

There was a good turn out (around the 380 mark) for this, the 14th Petroleum Network Education Conference on E&P Data and Information Management. There was also a preponderance of Shell speakers (a total of four presentations), who should be commended for its willingness to share ongoing data management work. On the vendor side Petris (involvement in five presentations) is to be congratulated for its success in ‘infiltrating’ so many major companies’ data infrastructures. For the .orgs, PPDM is (almost) the only game in town, at least judging from PNEC attendance and papers presented, although WITSML did get some vicarious support from a couple of authors. Those contemplating a PPDM deployment will enjoy Continental Resources presentation on ‘getting started with PPDM.’

It has been said that data management is boring. This is not actually true. What is clear from the state of the art for larger companies presenting at PNEC is that today’s solutions for data management, while not ‘sexy’ are capable of addressing the major scalability issues that ever growing data volumes present. Popping a few seismic lines on a map may be easy with modern GIS technology. But managing petabytes of legacy and modern seismics for a company the size of ExxonMobil is another issue altogether.

Other initiatives include Hess’ use of MetaCarta (with help from Schlumberger) and a data quality framework for Southwestern Energy using Petris/DataVera. For smaller companies (like HighMount) sophisticated data environments can be assembled from (almost) off-the-shelf components like Schlumberger-Innerlogix’ data QC toolset.

The relationship between upstream data management and the emerging ‘horizontal’ Data Management International (DAMA) organization was investigated in a presentation from Schlumberger.

Other pressing issues for oil and gas data managers today are (on the Halliburton side of the fence) the roll out and tuning of R5000 and (on the Schlumberger side) integrating Petrel with an enterprise data environment. For some – notably Shell, the two issues have coalesced into a project that sets out to blend Petrel access with R5000 data support.

Highlights

[Shell’s Data Projects](#)

[Southwestern’s data quality framework](#)

[ExxonMobil’s Seismic data management](#)

[Seismic Master Data Management](#)

[DAMA in Oil & Gas](#)

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