

PNEC Data and Information Integration 2004 Houston, May 2004

Introduction

This was a well attended PNEC (250 pre-registered¹), with a high proportion of company presentations reporting on real-world data management achievements. Phil Crouse does a good job of putting the fear of God into presenters re: ‘no commercial presentations’. But the smart way around this is to get a client to do your presentation for you. Innerlogix managed to get ChevronTexaco and Shell to plug its Datalogix clean-up tool – which they did with manifest enthusiasm. Catalogues remain popular along with taxonomies, as witnessed by papers from Shell and Halliburton. Metadata catalogues were described by Petris; Ontologies and semantic web developments are creeping over the horizon. Russian oil major Yukos presented a controversial paper vaunting the merits of building vs. buying software. The argument for replacing generic commercial software with in-house developed tools tuned to a specific company’s requirements was compellingly made. Of course it helps to have a few giant oilfields with massive upside and a few hot developers with local language expertise. As we noted in our report from last years PNEC, the show now unites both PPDM (a traditional PNEC ally) and POSC (through the integration of the Geoshare community). This resulted in a joint POSC/PPDM presentation which is significant – although it would have been more so if there had been a more concrete outcome to report. Absent from the debate was any discussion on the Unique Well Identifier (UWI) announced last year, a recognition of the magnitude of the problem – or of defeat? Phil Crouse, along with some members of the US data management community, are mootng a data management special interest group – possibly a society along the lines of a ‘mini SEG’.

Highlights

- [ChevronTexaco data conversion](#)
- [ChevronTexaco’s Data Management Strategy](#)
- [The Semantic Web](#)
- [Shell’s Data Management Workflows](#)
- [Impact of Sarbanes-Oxley](#)
- [ExxonMobil’s FluidReportML](#)
- [Shell’s Global Catalogues](#)
- [Halliburton’s Taxonomy](#)
- [Yukos’ Reservoir Optimization](#)

¹ Demographics – 2 Middle East, 10 Europe, 13 South America, 6 Africa, 2 Asia-Pacific, rest North America.

Contents

<i>Introduction</i>	1
<i>Contents</i>	2
<i>Pioneer's Portal – Carol Tessier</i>	3
<i>GIS Web Portals at ConocoPhillips – Pat Meroney, ConocoPhillips</i>	3
<i>From Content to Context – Rick Johnston, Schlumberger Information Solutions</i>	3
<i>Error analysis with background scavengers – Gordon Feir, Intrex Data Services.</i>	4
<i>Visual and multivariate data analysis – Bob Shelley, Halliburton.</i>	4
<i>Composite Collaborative Applications – Qusai Mahesri, Xpediant Solutions.</i>	4
<i>The Living Plan – Bill Christensen, Northrock Resources</i>	4
<i>Conversion of G&G apps and data – Guy Moore, ChevronTexaco</i>	5
<i>Integrated projects, distributed databases – Nico Chart, Paradigm Geo</i>	5
<i>Disparate Data Source Integration – Tom Robinson, Petrosys USA</i>	5
<i>Metadata catalogues – Jeff Pferd, Petris Technology</i>	6
<i>Catalogs – Alan Bays, Flare Consultants</i>	6
<i>XML-based text processing and the semantic web – Neil McNaughton, The Data Room</i>	6
<i>XML-based data management and GIS – Tim Hopkins, IHS Energy</i>	7
<i>XML standards for E&P – Trudy Curtis, PPDM and Alan Doniger, POSC</i>	8
<i>ChevronTexaco's data management strategy – Mike Underwood</i>	8
<i>Online data management – Greg Hess, Kelman Technologies</i>	8
<i>Data Management workflows support business – John Kievit et al. Shell</i>	9
<i>Impact of Sarbanes-Oxley on production data management – Samina Farid, Merrick Systems</i>	9
<i>Panel discussion</i>	10
<i>OCS Connect – Jerry Wharton, Minerals Management Service</i>	10
<i>Holistic IM and data delivery – Janet Hicks, Landmark Graphics</i>	11
<i>Real Time D&P operations data management – David Archer, POSC</i>	11
<i>E&P Taxonomies – Trudy Curtis, PPDM Association</i>	11
<i>XML fluid property reporting 'FluidReportML' – Robert Aydelotte, ExxonMobil</i>	11
<i>PPDM supports business process – Yogi Schultz, Corvelle Management Consultants</i>	11
<i>Shell's experience with E&P Catalogues and Taxonomies – Jeroen Kreijer, Shell</i>	12
<i>International well data management – Leanne MacKinnon, Talisman</i>	13
<i>Merging well header data – Mike Underwood, ChevronTexaco</i>	13
<i>In-house developed reservoir management software – Vitaly Kransnov, Yukos</i>	14
<i>Data quality assessment – Mat Pfzinger, ExxonMobil</i>	14
<i>Corporate well systems – a myth? – Lori Adams, Rapid Canada.</i>	15
<i>National Data Banks – Matt Vanderfeen, Schlumberger Information Solutions</i>	15
<i>Taxonomy in an oil and gas service company – David Lamar-Smith, Halliburton</i>	15