



Society of Petroleum Engineers

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Total (Co-Chair)

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EBN

Dominique Marion
Total

Jim Ross
Ross Petroleum

SPE Applied Technology Workshop

3-4 July 2008
Renaissance Hotel
Brussels, Belgium

SPE Petroleum Reserves Estimation Workshop: Sharing the Vision

>> Registration deadline:
20 June 2008

Register inside or online
at www.spe.org/atws

Workshop Description

Members of the SPE Oil and Gas Reserves Committee and industry experts will gather in an open forum to discuss the revised classification, definitions and guidelines included in the 2007 SPE/WPC/AAPG/SPEE Petroleum Resources Management System. It is an opportunity to:

- Examine the new system in detail
- Identify key changes and the reasoning behind these changes
- Discuss the impact of implementing the new system
- Gain high-level direction on practical application
- Compare the system to existing regulatory guidance
- Discuss future directions in reserves and resource evaluation and reporting

The petroleum industry is a major component of the global economy. It requires a common standard for reserves and resource development project evaluations to support internal asset management, regulatory approval, project financing and external disclosures. The evolution of the industry, driven by advancements in technology, the international expansion of the E&P sector and the increasing role of unconventional resources created the requirement to update a standard that had served the industry well for the last 10 years. The 2007 system builds on previous guidance to achieve a high level of consistency in estimating reserves and resource quantities; it incorporates applicable best practices identified in other international petroleum and minerals classification systems.

This is one of a series of workshops planned at selected international sites to familiarize key users with the new system and discuss implementation issues.

Workshop Format

Two days of presentations and informal discussions on key issues. Each session concludes with a panel discussion based on questions posed by the audience. Dress is business casual. While respecting project confidentiality, attendees are encouraged to take this opportunity, whether in the sessions, in the lunches or in the Thursday night reception, to compare approaches to specific resource assessment problems with their peers.

Who Should Attend

The workshop will be of interest to all who are concerned with the generation and reporting of reserve and resource estimates and their use in business operations.

SPE Petroleum Reserves Estimation Workshop: Sharing the Vision

Workshop Timetable

Thursday

0730–0830 hours	Registration
0830–1200 hours	Session One
1015–1030 hours	Coffee Break
1200–1330 hours	Lunch
1330–1500 hours	Session Two
1500–1515 hours	Coffee Break
1515–1700 hours	Session Three
1730–1900 hours	Evening Reception

Friday

0730–0830 hours	Registration
0830–1200 hours	Session Four
1015–1030 hours	Coffee Break
1200–1330 hours	Lunch
1330–1500 hours	Session Five
1500–1515 hours	Coffee Break
1515–1700 hours	Session Six

Sponsorship Support

Sponsorship support helps offset the cost of producing ATWs and allows SPE to keep the attendance price within reach of operations-level individuals, those who benefit most from these technical workshops.

Sponsors benefit both directly and indirectly by having their names associated with a specific ATW.

While SPE prohibits any type of commercialism within the conference hall itself, the society recognizes that sponsoring companies offer valuable information to attendees outside the technical sessions.

Sponsorship Information

Sponsorships are offered on a first come basis. For a detailed list of available sponsorships, including benefits and pricing, contact Katharine Stevenson at kstevenson@spe.org or on +44 (0) 20 7299 3300.

Preliminary Program

NOTE: While every attempt will be made to adhere to the schedule, the status/availability of speakers and moderators is subject to change.

Thursday, 3 July 2008

Workshop Introduction: 0830–0930

Keynote Speaker: TBC

Session One: 0930–1200

SPE/WPC/AAPG/SPEE Petroleum Resources Management System (SPE-PRMS)

Provides background to the 2007 SPE-PRMS, an overview of the new standard and key changes.

- SPE 2004 Vision Statement
- SPE Mapping Study
- The 2007 SPE-PRMS—Principles and Guidelines
- Major Changes
- Revised Glossary of Terms

Session Two: 1330–1500

In Pursuit of the Common Code

Petroleum and minerals are both non-renewable natural resources found on or within the earth's crust. Many stakeholders question why there should be different evaluation, classification and reporting systems. Ongoing studies to support common treatment under International Financial Reporting Standards make this more than an academic exercise. How should our industry position itself for such changes?

- Comparison of Petroleum and Minerals Reserves and Resources System
- Integration with the United Nations Framework Classification (UNFC)
- Interface with the International Accounting Standards Board (IASB)

Session Three: 1515–1700

Probabilistic Vs. Deterministic

Conceptually, use of specific quantitative probability targets would bring consistency and accountability to reserves evaluations. Then why do we cling to deterministic estimates based on qualitative category criteria? At what level are we making our assessments and how is that impacted by aggregation? The SPE guidance is “do both”, where appropriate.

- Why it May be Time for Probabilistic Reserves
- Challenges with Probabilistic Reserves
- Aggregation Issues
- Integrated Deterministic/Probabilistic Methods
- SPE-PRMS Guidance

SPE Petroleum Reserves Estimation Workshop: Sharing the Vision

Friday, 4 July 2008

Session Four: 0830–1200

Stakeholder Perspectives

The SPE-PRMS is written as a set of technical guidelines to support consistent project evaluations and portfolio management. It is not designed as regulatory reporting rules. Can these guidelines meet the specific needs of all internal and external stakeholders?

- Investor Requirements
- SPE to SEC Reserve Definition Comparison
- External Needs
- Government Reporting
- Financial Requirements
- Investor Requirements
- Audit Standards

Session Five: 1330–1500

Unconventional Resources

What separates conventional and unconventional resources? Can we apply the same classification system to these projects? Unique evaluation methods have been developed for each type of unconventional resource but the end result is the same: a forecast production and cash flow schedule.

- Types of Unconventional Resources and Estimation Methods
- Tight Gas, Shale Gas, Coal Bed Methane
- Bitumen—Mining and In-Situ

Session Six: 1515–1700

“Sticky Issues”

There is a potpourri of issues that arise in evaluating and classifying reserves and resources; this session addresses selected issues that continue to cause confusion.

- Commercial versus Economic
- Forecast versus Current Conditions
- Measurement Points—Plant Inlet or Outlet?

Conclusion

General Information

Format

The workshop will consist of 2 days of informal sessions, with a number of short presentations and discussions per session. There will also be an evening reception on Thursday 3 July.

Attendance

Attendance will be limited to a maximum of 70 delegates with proven experience and/or knowledge of the subject areas being covered.

Attendance Certificate

All attendees will receive a certificate from SPE attesting to their participation.

Continuing Education Units

The workshop qualifies for SPE Continuing Education Units (CEUs), at the rate of 0.1 CEU per hour of attendance at the workshop.

Cost and Residency Information

The non-residential registration fee for this event is £470 for SPE members and £500 for non-members. This includes all workshop sessions, coffee breaks, 2 lunches and a welcome reception on Thursday 3 July.

The residential registration fee is £690 for SPE members and £720 for non-members. This includes the same as the non-residential package plus bed and breakfast accommodation for the nights of 2 and 3 July. Kindly note that your place is only confirmed if payment has been received.

Cancellation Policy

Written notice received 30 days before the starting date of the workshop entitles registrants to a 50% refund. There will be no refund for cancellations received after this time.

Documentation

Proceedings from the ATW will not be published; therefore, formal papers and handouts are not requested of speakers or panel members. Note-taking by individual attendees is encouraged, but should be limited to ensure participation in the open discussion. A URL containing released copies of the workshop presentations will be available to attendees after the workshop. This documentation will not be prepared in the form of formal SPE papers.

