Second EAGE/SPE/AAPG Shale Gas Workshop in the Middle East

Moving forward to the next level

21-24 September 2014
Dubai, UAE

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Workshop Overview

The Middle East is endowed with world-class source rocks that make the region an attractive focus for Shale Gas considerations. The region is currently witnessing heightened levels of exploration interest and activity related to this Shale Gas potential and presents a nascent opportunity to exploit this unique hydrocarbon resource.

Harnessing this potential will require a de-risking strategy that is distinct from conventional E&P risk mitigation processes. Such de-risking necessitates the implementation of latest technologies and developments in our industry to achieve ultimate commercial viability.

By leveraging worldwide analogues, the workshop aims to apply global lessons to the Middle East Shale Gas setting. Additionally, the workshop intends to spotlight and address aspects of these plays that are unique to the region. We anticipate rich discussions that promote a better understanding of these emerging potential reservoirs.

The second Shale Gas workshop is planned and organized by three key international societies that best understand such resources: the European Association of Geoscientists, the Engineers and Society of Petroleum Engineers and the American Association of Petroleum Geologists. With their vast memberships and access to broad spectrums of world-class expertise, EAGE/SPE/AAPG provide you with an unparalleled opportunity to understand the complexities and challenges of Shale Gas.

We plan to conduct oral and posters sessions to cover key facets of the process – from finding, to appraisal, to pilot, through development and to production. A short course will also be included in the programme.

Benefits of attending:
- Obtain recent developments in the region on shale gas from the experts
- Meet key consultants in shale gas – international, regional and local
- Compare and contrast shale gas reservoirs in the Middle East with their counterparts in other regions
- Understand key strategies to best develop shale gas

Who should attend?
- Managers and leaders interested in finding and producing shale gas
- Petroleum engineers involved or plan to be involved in shale gas efforts
- G&G professionals who work on such resources or who wish to further understand shale gas
- Academia researchers to share their experience or to find rewarding collaboration opportunities with NOCs, IOCs and service companies.

Venue & Accommodation

The Second EAGE/SPE/AAPG Shale Gas Workshop in the Middle East will be held at the Constellation Ballroom 3 of The Address Dubai Marina.

To make a booking, please visit the event website.

Room rates have been negotiated with the hotel for participants attending the workshop:

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<th>Room Type</th>
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<td>Deluxe Room – Single Occupancy</td>
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<td>Deluxe Room – Double Occupancy</td>
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The rates include 10% service charge and 10% municipality fee with buffet breakfast in the Mazina restaurant.

If you require an entry visa, the hotel can only process visas for guests staying at the hotel for the entire duration of their visit to the UAE. Please contact the hotel for more information.

Technical Programme

**Oral Presentations - 22 September 2014**

**Constellation Ballroom 3**

07:00 Registration & Welcome Coffee

07:50 Welcome Note, Aims & HSE

08:00 SHALE EVALUATION STRATEGIES I
- F. Baquies (Schlumberger) & A. Ahmed (Saudi Aramco)

08:30 SG01 - Unlocking the Full potential of the Middle East Shale Assets - A. M. Bouhlel* (Schlumberger), M. Mayerboeck (Schlumberger) & K. Eder (Schlumberger)

08:50 SG02 - Kingdom Shale Gas Hydrocarbons as an Emerging Resource Play - A. Ahmed* (Saudi Aramco), A. Hakami (Saudi Aramco), H. Alsahfy (Saudi Aramco) & F. Dyarzabal (Saudi Aramco)

09:10 SG03 Resource Play Analogues in North America to Optimize Exploration and Development of Resource Plays in Middle East and North Africa - L. Marlow (Halcon Resources)

09:30 Coffee Break

10:00 SEISMIC FOR SHALE GAS
- A.N. Mukhtar (Bahrain Petroleum Company BSC) & G. Agrawal (Baker Hughes)

10:20 SG04 - "Seismic Acquisition and Processing for Unconventional Basin in Saudi Arabia - A. Ghamdi" (Saudi Aramco)

10:40 SG05 - Seismic Characterization of an Unconventional Carbonate Reservoir - A. Suleiman* (Saudi Aramco) & R. Lubbe (Saudi Aramco)

11:00 SG06 - Shale Gas Sweet Spot Identification Seismic Method: A Case in Longmaxi, Sichuan Basin - L.W. Liu* (BGP)

12:00 Lunch
Short Course

Sunday, 21 September 2014; 08:00 – 17:00 hrs; Anka Room

Shale Gas Overview – Characterisation to Development

Recently shale gas reservoirs have become increasingly important contributors to the world’s energy production. The purpose of this course is to provide practical insights and tools that can be used to effectively characterize and develop shale gas reservoirs. The course will focus on the fundamental understanding of flow at the pore-scale, review what controls productivity and discuss the various techniques used to determine reservoir parameters and performance. It will review completion/stimulation practices and effects on production. Finally, use of various methodologies from simple decline curve relations to more advanced numerical simulation models will be demonstrated to analyze, model and forecast well performance. A course notebook with PowerPoint slides and supplemental materials will be provided.

Objectives:

• Learn how to collect, analyze and interpret critical data from multiple disciplines.
• Understand the controls on gas-in-place and productivity.
• Evaluate drilling and completion practices and identify how drilling/completion play key roles in productivity.
• Apply various methodologies to analyze, model and forecast production and establish workflows to obtain a systematic analysis and forecasting procedure.

Who should attend:

Geoscientists, engineers and managers who want to understand the key characteristics of shale gas reservoirs, what controls their productivity, how to evaluate drilling and completion practices and how to analyze, model and forecast well performance.

About the Instructor:

Dr. Dilhan Ilk is a Vice President and Reservoir Engineer at DeGolyer and MacNaughton in Dallas, Texas. He holds a BSc degree from Istanbul Technical University and MSc and PhD degrees from Texas A&M University — all in Petroleum Engineering.

Dr. Ilk’s interests include analysis of well test and production data, reservoir engineering and inverse problems. In particular, Dr. Ilk focuses on well performance analysis in unconventional reservoirs. Dr. Ilk has made several contributions to petroleum engineering literature and to date he has prepared more than 30 articles in well test analysis, analysis/interpretation of production data and general reservoir engineering. Dr. Ilk has also presented several industry short courses throughout North America and regularly serves in a leadership role at the Society of Petroleum Engineers (SPE) forum series and workshops focused on unconventional reservoirs.

Social Programme

Icebreaker Reception
Sunday, 21 September 2014; 18:00 – 20:00 hrs
The Icebreaker Reception will be held at the Almas Room. Canapés and refreshments will be served.

Workshop Dinner
Tuesday, 23 September 2014; 19:00 – 23:00 hrs
The workshop dinner will be held onboard the elegant Bateaux Dubai. Workshop delegates will enjoy freshly prepared international gourmet cuisine whilst cruising the Dubai Creek. Transportation will be provided to and from the hotel.

Registration

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<th>16/07/2014 – On-site</th>
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<td>€ 1,000</td>
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<table>
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<th>Short Course registration fees</th>
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How to register

We recommend that you register via the online registration form on the EAGE website (www.eage.org). However, a downloadable registration form, which should be completed and returned to the EAGE Head Office, is also available on the EAGE website.

Sponsors

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Contact

For more information or enquiries about this workshop please visit the event’s website (www.eage.org) or contact the Office Middle East via middle_east@eage.org or telephone +971 4 369 3897.

We hope to see you in Dubai!