

Who We Are

SPE is the largest individual member organisation serving managers, engineers, scientists and other professionals worldwide in the upstream segment of the oil and gas industry.

Who Should Attend?

- › Reservoir Engineers
- › Production Engineers
- › Drilling Engineers
- › Completion Engineers
- › Geologists
- › Geophysicists
- › Research and Development Geoscientists/Engineers

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Early Bird Registration Deadline is 4 August 2018



Source: Kuwait Oil Company

Since 2015, low oil prices have forced many national and international oil companies to work their respective assets harder in order to maximise oil and gas output, without necessarily developing new capital projects. This harvesting approach is currently representing over half the world's oil and gas production, and it may persist or even increase as crude oil prices remain persistently close to USD 50 per barrel.

Such a tough business environment is highlighting the importance of implementing smart strategies and innovation to continuously maintain and even increase production.

This workshop on production optimisation will address the efforts developed in this topic by national, international, and independent oil and gas companies. Several experiences, lessons learnt, and best practices are going to be presented through keynote speeches and four technical sessions. Topics covered include the implementation of new core processes and workflows, the needed changes in organisational structure and relationships between operating companies and contractors to adapt to this difficult times, the application of new technologies, and the development of strategies to prioritise, allocate, and manage the resources.

Overall, the programme has been designed to maximise opportunities for networking, knowledge dissemination, and expertise technical learning.

Gold Sponsor



18 September Dinner Sponsor



Committee Members

CHAIRPERSON
Dawood Kamal
Kuwait Oil Company

Moudi Alajmi
Kuwait Oil Company

Eyas Al Zadjali
Halliburton

Malvika Nagarkoti
Baker Hughes, a GE company

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Ali Ameen
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Tahani Al-Rashidi
Kuwait Oil Company

Daniel Freile
Weatherford

Robert Younger
BP

Mohammed Al Murayri
Kuwait Oil Company

Khalid Harami
Schlumberger

Tuesday 18 September 2018

0745-0800

Welcome Coffee, Badge and Delegate Pack Collection

0800-0805

Seating and Safety Briefing by Hotel

0805-0815

Welcome Address and Opening Remarks

0815-0935

Panel Session: Production Optimisation: Smart Strategies and Innovation

Moderators: Ali Ameen, Kuwait Oil Company; Dawood Kamal, Kuwait Oil Company

0935-1035

Question and Answer

1005-1035

Coffee Break and Group Photo

1035-1155

Session 1: Core Processes and Work Flow for Production Optimisation

Session Chairs: Eissa Al Maraghi, Kuwait Oil Company; Ali Ameen, Kuwait Oil Company

Current low oil price environment seem to continue in the short- and medium-term, and companies are increasingly focusing on maximising the value from operating its existing conventional oil and gas producing assets. As reservoirs are depleted, original production processes and infrastructure cannot manage the remaining hydrocarbon resources efficiently, therefore it is required to implement changes aimed to overcome constraints and/or system limitations. Best practices are producing new frameworks and processes to develop and implement optimisation opportunities.

In this session, the speakers are going to cover the most recent advances in exploration, development, drilling, and production as core processes for production optimisation, and its tangible benefits on maximising the value of assets; the importance of developing a full life of field strategy to ensure a maximum economic recovery of resources; the operating philosophy that is behind the best practices on production optimisation; and the lessons and benefits gained from optimisation on unconventional fields

1155-1225

Question and Answer

1225-1330

Lunch and Prayers

1330-1450

Session 2: Organisational Structure

Session Chairs: Mohammed Taha, Kuwait Oil Company; Paul Shaw, BP

Any effort to optimise production relies on the performance of staff and contractors and, in particular, the extent to which they collaborate. In too many situations organisations act in silos with insufficient knowledge sharing. The worst case scenario is when teams may have misaligned objectives or key performance indicators (KPIs) hampering any joint effort to maximise field value. This session will discuss how organisations can be structured to unlock the combined talent of staff with expertise in reservoir, wells, and facilities with the goal to optimise production. It will address models for operators to leverage the capability of contractors, and for NOCs to maximise the value they obtain from relationships with IOCs.

1450-1520

Question and Answer

1520-1530

Closing and Thank You

Wednesday, 19 September 2018

0800-0830

Welcome Coffee

0830-0835

Seating and Safety Briefing by Hotel

0905-0915

Opening Remarks

0915-1035

Session 3: Advances in Technology and Innovation

Session Chairs: Dave Brook, AAR Energy; Thomas Filiponi, Schlumberger

The fall in oil prices since 2014 once again highlights the need for more efficient production of oil and gas. This is coupled with a shift towards increasingly complex reservoirs and recovery processes. Extracting the value from every barrel means achieving the highest possible production, at the lowest possible cost, maximising the utilisation of wells and facilities and using the efforts of staff to maximum effect. Fortunately there have been significant advances in reservoir, wells, and facilities technologies. The modern oilfield is increasingly digitised and the new generation of engineers and planners is digital-native. In this session we will talk about the latest technologies and processes to optimise production considering reservoir, wells, and facilities, and the integration of these. Emphasis is on "leading" or "cutting-edge" technology and practical application demonstrated through case studies. The session will address themes such as: improvements in field monitoring and control, the approach to and benefits of digitisation, and turning data into optimisation decisions.

1035-1105

Question and Answer

1105-1135

Coffee Break

1135-1255

Session 4: Resource Management

Session Chairs: Moudi Alajmi, Kuwait Oil Company; Eyas Al Zadjali, Halliburton

As a result of any production optimisation plan, a list of resource requirement will be identified to support that optimisation. However, adding resources is not necessarily the main factor that supports production optimisation. It is essential to have a smart strategy to prioritise, allocate, and manage the resource plan to ensure having the maximum benefit. Systems and methods must be defined for managing production resources including scheduling production optimisation events relative to time intervals while maintaining collaboration among the resources. With focus also on reducing costs and creating value one must be equipped with proper planning tools, techniques, and effective collaboration to produce highest possible throughput with the lowest possible inventory while ensuring high quality and delivery performance. Short-, mid-, and long-term resource management plans need to be in place to ensure a flexible strategy is maintained, which can directly influence and enhance decisions for production optimisation. One of the aims of the industry should be full wealth creation and economic growth through efficient resource management and allocation, adopting best practices worldwide, and maximise exploitation of innovative techniques. In this session, the speakers will share their experience in resource management and how it impacted the production optimisation.

1255-1325

Question and Answer

1325-1425

Lunch and Prayers

1425-1430

Closing Address and Thank You



Society of Petroleum Engineers

Host Organisation



SPE International Heavy Oil Conference and Exhibition

Cost Optimisation: The Key to Unlocking Heavy Oil Success

10-12 December 2018 | American University of the Middle East Kuwait

www.spe.org/events/hoce

Call for Papers Open

Submission Deadline: 22 May 2018



General Information

Format

Two days of informal discussions prompted by selected keynote presentations and discussions. Focused topics and issues critical to advancing both technology and best practices. Majority of the presentations are in the form of case studies, highlighting engineering achievements, and lessons learnt. In order to stimulate frank discussion, no proceedings are published and the press is not invited to attend.

Documentation

- Proceedings will not be published; therefore, formal papers and handouts are not expected from speakers.
- Work in progress, new ideas, and interesting projects are sought.

Attendance

Registrations will be accepted on a first-come, first-served basis. The Steering Committee encourages attendance from those who can contribute effectively either in discussions or with posters.

Workshop Deliverables

The Steering Committee will appoint a "scribe" to record the discussions and to produce the full workshop report for SPE.

Commercialism

Commercialism in posters or presentations will not be permitted.

Attendance Certificate

All attendees will receive an attendance certificate attesting to their participation in the workshop.

Continuing Education Units

Attendees at this workshop qualify for SPE Continuing Education Units (CEU) at the rate of 0.1 CEU per hour of the workshop.

Registration Information

This is a nonresidential workshop and therefore hotel accommodation is not included in the registration fees. The registration fees include all workshop sessions, coffee breaks, and luncheons.

Cancellation and Refund Policy

- A processing fee of USD 105 will be charged for cancellations received before the registration deadline 19 August 2018.
- For cancellations received after the registration deadline, 19 August 2018, 25% refund will be made to the registrant.
- No refund on cancellations received within seven (7) days prior to the workshop date, i.e. on or after 11 September 2018.
- No refund will be issued if a registrant fails to attend the workshop.

Registration Policy

- Registration fee MUST be paid in advance for attending the workshop.
- Full fixed fee is charged regardless of the length of time that the registrant attends the workshop.
- Fixed fee cannot be prorated or reduced for anyone (workshop co-chairpersons, committee members, speakers, discussion leaders, students, and registrants).
- Delegates with no proof of advance payment are required to pay onsite by cash or cheque, present a copy of the wire transfer, or submit a letter from their company guaranteeing payment of the workshop fees.

Sponsorship Information

Sponsorship support helps offset the cost of producing workshops 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 workshop. While SPE prohibits any type of commercialism within the workshop hall itself, the society recognises that sponsoring companies offer valuable information to attendees outside the technical sessions.

Sponsorship Categories

Sponsorships are offered on a first come basis. Please contact SPE to verify the availability of a particular sponsorship. Existing sponsors have the opportunity to renew the same level of sponsorship for annual workshops.

Sponsorship Benefits

In addition to onsite recognition, SPE will recognise sponsors on the SPE website and in all printed material for the workshop. Based on the sponsorship selected, sponsoring companies also receive logo visibility on promotional workshop items.

For More Information

For a detailed list of available sponsorships, including benefits and pricing, contact **Deepa Choitram** at dchoitram@spe.org.

