



THE INSTITUTION OF ENGINEERS, MALAYSIA

Bangunan Ingenieur, Lots 60/62, Jalan 52/4, Peti Surat 223, 46720 Petaling Jaya, Selangor Darul Ehsan
Tel: 03-79684001/2 Fax: 03-79577678 E-mail: sec@iem.org.my IEM Homepage: <http://www.myiem.org.my>

TALK ON "GASLIFT SYSTEM OPTIMIZATION"

(Organised by Oil, Gas & Mining Technical Division, IEM)

BEM Approved CPD/PDP: 2 Hours

Ref No: IEM16/HQ/242/T

Date : 21 September 2016 (Wednesday)
Time : 5.30 pm to 7.30 pm (Refreshments will be served at 5.00pm)
Venue : TUS and C&S Lecture Rooms, 2nd Floor, Wisma IEM, Petaling Jaya
Speaker : Ir. Ridhuan Affandi bin Abu Bakar

SYNOPSIS

Gas lift is one of the most widely used artificial lift techniques. It plays an important role in Malaysia's oil fields production, as around 70% of active oil production strings are currently on gas lift. This shows how critical gas lift contribution to sustain Malaysia's oil production. It is important to have good practices in gas lift implementation to ensure successful and optimum gas lift operation. Sub-optimized gas lift operation not only wastes the valuable gas resources and compression capacity but also resulting in a system bottleneck, if the planning for gas lift is not in place. Gas lift optimization can bring value for immediate and significant production gain and perceived as the most cost effective in production enhancement.

As the efficiency of overall gas lift system is much dependent on network integration between subsurface and surface system, a holistic view on performance and setup of each system is crucial to obtain optimum gas lift operation.

This talk will cover and discuss the gaps identification in the current gas lift implementation from the Surface Engineering's perspective. The recommendation and best practices for gas lift optimization effort with associated oil gain will also be discussed and shared in this talk

BIODATA OF SPEAKER



Ir. Ridhuan Affandi bin Abu Bakar graduated from Universiti Putra Malaysia with a degree in Chemical Engineering. He has 10 years of working experience in the engineering industry, covering the design of onshore and offshore facilities. He has involved in conceptual, FEED (Front End Engineering Design), detailed design and modification projects for various types of structures (including wellhead platforms, central processing platforms, FPSO, production-drilling platforms and living quarter (PDQ)

He has worked on a number of projects globally including Singapore, Vietnam, United Kingdom and Iran. Recently, he has represented PETRONAS MPM (Malaysia Petroleum Management) to conduct assessment and evaluation on gas lift operation for the selected fields and Oil & Gas Operators in Malaysia.

He is currently a Process Specialist who provides consultancy services to the Oil & Gas industry.

Ir. Mohd Azwira Mohd Azmi
Chairman
Oil, Gas & Mining Technical Division, IEM

ANNOUNCEMENTS TO NOTE:

- Preferential admission to talk shall be accorded to IEM members (pre-registration and online registration are NOT required). Telephone and/or fax reservation will NOT be entertained.
- **Non members** may also attend the talk but will need to pay a registration fee of **RM50** and an administrative fee of **RM15**. GST is inclusive.
- For members of affiliated organisations, there will be no registration fee payable. However, they are requested to produce their membership card as proof of membership. For the list of affiliated organisations, please refer to IEM website at www.myiem.org.my under International/MoU.
- Limited seats are available on a "first come first served" basis (maximum 100 participants).
- IEM members are required to produce membership cards for confirmation of attendance (CPD purpose).
- Latecomers will not be allowed to enter if the lecture hall is full nor be entitled to CPD.
- **IEM members who fail to produce their membership cards will be charged a fee of RM25.00. GST is inclusive.**

ADMINISTRATIVE FEE

- Kindly be informed that an administrative fee of **RM15** is payable for talks organized by IEM. GST is inclusive.
- The fee would be used to cover overhead costs, building maintenance expenses as well as contribute to Wisma IEM Building Fund.
- All contributions will be deeply appreciated by IEM.
- Student Members are however exempted.

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