

# INTRODUCTION TO OIL & GAS: DRILLING & WELL COMPLETION OPERATIONS

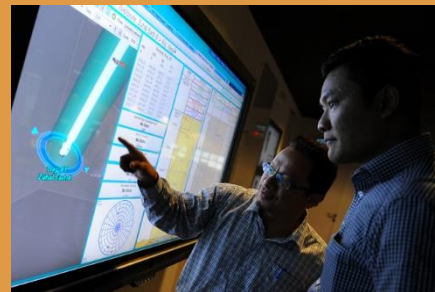
## PROGRAM OVERVIEW

Drilling is a mechanical process where a wellbore is being drilled beneath the rock formations. It is typically carried out in order to explore for and subsequently extract the hydrocarbon from the subsurface. As drilling and completion activities normally will incur a huge sum of money, each of the individuals will play a vital role to make sure that every campaign's targets are met and profits are realized.

This 2-day course will explain the fundamentals of drilling and completion with an emphasis on key areas such as rig selections, drilling tools, and also well design theory. Clear and understandable explanations of drilling rig equipment, procedures, and their complex interactions provide an excellent foundation for smooth communication and increased efficiency in inter-department project team efforts.

### Course Objectives

- Introduce drilling and completion activities to the participants and the public to make them know on how oil and gas being drilled and produced.
- To guide the newcomers in the oil and gas industry on the job scope expectation if they choose to go into drilling and completion.
- To show the challenge and the rewards that someone can face and can get by working in drilling and completion division.
- To share the knowledge and experiences from the trainer who actually did the job by himself.



## KEY MODULES

### WHO SHOULD ATTEND

- Employees new to the industry
- Contractors
- Government policy-makers
- Professionals and advisors
- Members of the community seeking a basic understanding of the industry
- Businesses intending to enter the industry

### PROGRAM METHODOLOGY

- Interactive Lecture
- Group Dynamics
- Case Studies

- Drilling rigs selection, common equipment onboard and rig activities
- Basic drilling tools
- Drilling bit
- Measurement and Logging While Drilling
- Basic well type and design theory
- Basic BHA design and theory
- Other drilling technologies such as MPD, PMCD and Casing While Drilling
- Well completion



**HRDF / SBL  
CLAIMABLE**



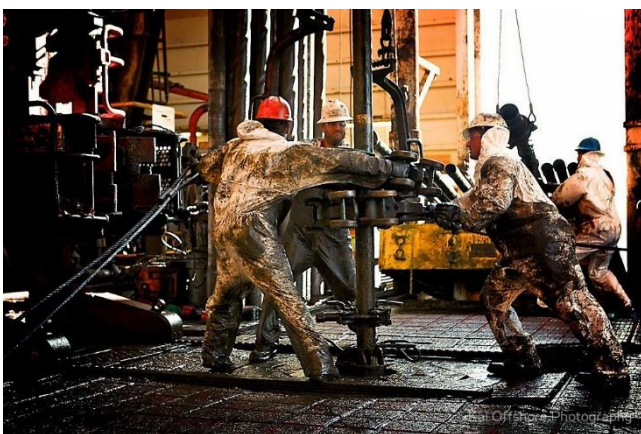
## INTRODUCTION TO OIL & GAS: DRILLING & WELL COMPLETION OPERATIONS *2-Day Course*

### Day - 1

- Brief introduction to oil and gas activities: discussion on exploration and drilling.
- Introduction to drilling rigs (land and offshore), common equipment on board and rig activities.
- Introduction to basic drilling tools: rotary, mud motor, and RSS technology.
- Introduction to drilling bit.
- Introduction to MWD (Measurement-While-Drilling).
- Introduction to LWD (Logging-While-Drilling) tools.

### Day - 2

- Basic well type and well design theory.
- Introduction to basic BHA design and theory.
- Introduction to MPD and PMCD drilling.
- Introduction to Casing-While-Drilling.
- Case study – Directional Drilling in Terengganu Offshore.
- Completion Module.
- Course Review.
- Discuss on the challenges in the working environment.
- Miscellaneous.





## ANUAR MOHAMAD

Anuar Mohamad is a Well Construction expert and has over 20 years of experience in Drilling and Completions Operations. Currently he is working as Drilling Supervisor on an offshore drilling rig. In his current role, he supervises drilling operations that include completions, workovers, and well abandonment.

His career started as Measurement & Logging while Drilling Field Engineer and was promoted to Directional Driller. Driven and motivated by the desire to progress ahead in drilling, Anuar started to become Drilling Supervisor.

Throughout his career, Anuar is knowledgeable on different working cultures as he has vast experience in Malaysia, Brunei, Sudan, and Turkmenistan.

Course Title	Individual Price	Grouping Price (min. 3 pax)
<b>2 DAYS INTRODUCTION TO OIL &amp; GAS: DRILLING &amp; WELL COMPLETION OPERATIONS</b> <input type="checkbox"/> Date TBA   Kuala Lumpur, Malaysia	RM 2,300.00	RM 2,100.00

**Special RM 100  
Discount for  
MOGEC Member**

## PARTICIPANTS

Name : .....  
 Job Title : .....  
 Telephone : .....  
 Email : .....

Name : .....  
 Job Title : .....  
 Telephone : .....  
 Email : .....

Name : .....  
 Job Title : .....  
 Telephone : .....  
 Email : .....

Note: Please attach a list of participants if insufficient space.

## AUTHORISATION

Name : .....  
 Job Title : .....  
 Telephone : .....  
 Email : .....

## ORGANISATION

Name : .....  
 Telephone : .....  
 Fax : .....

## SEND INVOICE TO

Department : .....  
 Address : .....  
 .....

## PAYMENT DETAILS

- Participants are required to pay before or on the first day of the course.
- (Please Tick Where Applicable)

Cheque made payable to Pace Up Sdn. Bhd.

Bank Transfer: Pace Up Sdn. Bhd.  
 Bank: Malayan Banking Berhad  
 Bank Address: Taman Setiawangsa Branch,  
 Wisma Prima Peninsular,  
 2, Jalan Setiawangsa 11,  
 Taman Setiawangsa,  
 54200 Kuala Lumpur.

Account No.: 562188319491  
 Swift Code: MBBEMYKL

(All bank charges to be borne by payer. Please ensure that 'PaceUp' receives the full invoiced amount.)

- We do not give refunds for cancellations. However, you may substitute participant (s) at any time.
- If we receive cancellations in writing more than (7) days before the training course, you will receive a 100% credit (valid for one year) to be used for another training course.
- Cancellations received less than seven days before to the training course may result no credit for future training.
- If we postpone training course, participant payments for the postponed course will be 100% credited towards the course at a rescheduled date.
- We shall assume no liability whatsoever in the event this training course is cancelled, rescheduled or postponed.

## IN HOUSE TRAINING SOLUTION

Yes, I would like to organise this training course in-house and save up to 50% of total course fees! Please send me more information

