

PRODUCTION TECHNOLOGY FOR NON-PRODUCTION PROFESSIONALS

23 – 27 April 2012, Kuala Lumpur, Malaysia



Your Expert Trainer: Bert Dijkhuis

Bert joined Shell as well-site petroleum engineer and later moved into operations and production roles with Shell in Nigeria, the Netherlands, Trinidad and Brunei. Since end of 1992 he has been part-time associated professor at the Petroleum engineering department of the Technical University Delft; in that time he has also performed consulting jobs in Sarawak, Siberia, Lithuania and Tadjikistan. In addition he is active as workgroup convenor in the International Standards Organisation (ISO) preparing international standards for subsurface production equipment

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About this training course

Production Technology is responsible for the functional design of the wells, and is involved with the actual construction of the wells and completion operations to create a producing well. Following the start of actual production operations, Production Technology controls the process of bringing the initial production rate to the desired production level and monitors the well and reservoir performances to assess whether both are functioning as intended in the development plan. Additional and possibly more special field development may be required as result of such field and well review.

In this **5 day separately bookable** training course, the core functions and activities within Production Technology will be addressed and made clear to **Non-production professionals** working within the Exploration & Production value chain. The program is designed to give Non-production professionals the basic knowledge of this engineering discipline in order to improve their communication among the asset team members. The course is composed by modules which have exercises for a full comprehension of the topics exposed.

For a targeted learning experience, this training course will be presented in **2 separate** modules. **Day 1 & 2** will provide an overview of production technology concepts and activities. This session will be useful for non-technical support personnel involved in production. **Day 3 to 5** will provide a more in-depth examination of production technology and will include class exercises to understand the practical elements of this segment in the E & P value chain. This section will be more suited to those with technical and engineering backgrounds.

On completion of the course, the participants will:

- Gain an insight into how Production Technology fits within the complex Oil & Gas value chain
- Appreciate the integrated activities of Production Engineering
- Understand the basics of Field Development Planning
- Acquire a fundamental knowledge of Production Technology
- Obtain experience in basic calculations required for understanding the flow process
- Appreciate the importance of Production Technology for well design, production performance analysis and production forecasting

Who Should Attend?

Drilling Engineers, Reservoir Engineers, Geologists, Geophysicists, Service Companies Specialists (Cementing, Logging, Drilling Fluids, Mud Logging, Surface Facilities), Project Support Staff (QHSE, Materials, Logistic, Finance), Drilling Company and Drilling Contractor Staff, Sales Engineers, Business Development Managers, Field Service Managers, R&D Scientists/Engineers and any other professional working closely to Production Engineering Departments and needing a good general understanding of PE processes and operations.

About your Expert Trainer: Bert Dijkhuis



Bert Dijkhuis graduated as mining engineer at the Delft Technical University. He joined Shell as well-site petroleum engineer and as, operations /production engineer in Nigeria, the Netherlands and Trinidad. Thereafter he held many different positions Nigeria, the Netherland, Venezuela and Brunei, concluding his Shell carrier as Engineering manager in 1991. Since end 1992 he has been part-time associated professor at the Petroleum engineering department of the Technical University Delft; in that time he has also performed consulting jobs in Sarawak, for Siberia, Lithuania and Tadjikistan. In addition he is active as workgroup convenor in the International Standards Organisation (ISO).



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2 DAY & 5 DAY COURSE SCHEDULE

PRODUCTION TECHNOLOGY FOR NON-TECHNICAL PROFESSIONALS - 2 DAYS (23 & 24 April 2012)		
Monday Overview	<ul style="list-style-type: none">• Introduction oil /gas industry• Exploration and Production• Field development planning • Production system• Production Process• Role of Production Technology	<ul style="list-style-type: none">• Hydrocarbon volumes• Activity planning and production profile • Inflow performance• Vertical flow performance
Tuesday Field operations	<ul style="list-style-type: none">• Drilling operations• Completion operations• Well production operations • Surface production operations• Production export• Production reconciliation	<ul style="list-style-type: none">• Field production planning• Well production planning • Export planning• Production redistribution • Course evaluation for
PRODUCTION TECHNOLOGY FOR TECHNICAL PROFESSIONALS - 5 DAYS (23 - 27 April 2012)		
Wednesday Performances	<ul style="list-style-type: none">• Introduction reservoir performance• Flow patterns in reservoir• Production phenomena in reservoir • Flow patterns in wells• Production phenomena in wells• Production problems	<ul style="list-style-type: none">• OWC displacement• GOC displacement • Water encroachment horizontal• Water encroachment vertical
Thursday Performance analysis	<ul style="list-style-type: none">• Reservoir performance analysis• Well performance analysis• Geological influence • Integration reservoir – well• Performance extrapolation• Field review	<ul style="list-style-type: none">• Preferential water encroachment• Prognosis reservoir pressure • Prognosis well pressure• Preferential gas cupping
Friday Field management	<ul style="list-style-type: none">• Production planning• Production interruptions• Integrated field – export • Well – field abandonment• Course summary• Recommendations	<ul style="list-style-type: none">• Export planning 1 product: light oil• Export planning 2 products: light and heavy oil • Course evaluation

REGISTRATION FORM

Kuala Lumpur, Malaysia

EARLY BIRD ✓

NORMAL ✓

TEAM DISCOUNTS

2 & 5 Day Course

Production technology for non-technical professionals

23 – 24 April 2012

Production technology for technical professionals

23 – 27 April 2012

SGD 2599

SGD 2799

SGD 4599

SGD 4799

petroEDGE recognises the value of learning in teams.

Group bookings at the same time from the same company receive the following:

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- 5 or more at 7% off
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All other promotions including early bird are exclusive of the group discount.

DELEGATE DETAILS

Delegate 1

Mr Ms Mrs Dr Others:

Name :

Job Title :

Department :

Telephone No. :

Email :

Please note

- Indicate if you have already registered by Phone +Fax +Email +Web
- If you have not received an acknowledgement before the training course, please call us to confirm your booking.
- Photocopy this form to register multiple delegates.

PAYMENT METHODS

By Cheque/ Bank Draft

Make Payable to Asia Edge Pte. Ltd.

By Direct Transfer

Please quote your invoice number with the remittance advise

Account Name: Asia Edge Pte. Ltd.

Bank Number: 508 Account Number: 762903-001Swift Code: OCBCSGSG

All bank charges to be borne by payer.

Please ensure that Asia Edge Pte Ltd receives the full invoiced amount.

PAYMENT POLICY

Payment is due in full at the time of registration. Full payment is mandatory for event attendance. By submitting this registration form, you have agreed to Asia Edge Pte Ltd's payment terms

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You may substitute delegates at any time. ASIA EDGE PTE LTD does not provide refunds for cancellations. For cancellations received in writing more than seven (7) days prior to the training course you will receive a 100% credit to be used at another ASIA EDGE PTE LTD training course for up to one year from the date of issuance. For cancellations received seven (7) days or less prior to an event (including day 7), no credits will be issued. In the event that ASIA EDGE PTE LTD cancels an event, delegate payments at the date of cancellation will be credited to a future ASIA EDGE PTE LTD event. This credit will be available for up to one year from the date of issuance. In the event that ASIA EDGE PTE LTD postpones an event, delegate payments at the postponement date will be credited towards the rescheduled date. If the delegate is unable to attend the rescheduled event, the delegate will receive a 100% credit representing payments made towards a future ASIA EDGE PTE LTD event. This credit will be available for up to one year from the date of issuance. No refunds will be available for cancellations or postponements.

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PROGRAM CHANGE POLICY

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ASIA EDGE PTE. LTD.

Company Registration No: No. 200710561C

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Delegate 2

Mr Ms Mrs Dr Others:

Name :

Job Title :

Department :

Telephone No. :

Email :

Company :

Address :

Country :

Postcode:

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