



Society of Petroleum Engineers

Courses

CONTROLLED PRESSURE DRILLING

Thursday, 23 October • 0900 –1700 hours

Instructor: Steve Nas, Weatherford

Course Content:

This course is designed for drilling managers and engineers as well as rig managers who are interested in understanding the new and emerging technology of Controlled Pressure Drilling (CPD). The course will provide clarification of the following subjects:

- Difference between Underbalanced and Managed Pressure Drilling (UBD/MPD).
- Different Managed Pressure Drilling Techniques.
- Well Control issues with MPD.
- Drilling and Tripping with MPD Techniques.

This one day course will provide drilling professionals with an understanding of the various Controlled Pressure Drilling techniques and equipment and operational procedures used in CPD operations. Attendees will be introduced to the various techniques that are being used for MPD and UBD applications. This course concentrates on managed pressure techniques and only explains the differences between MPD and UBD and it will not cover underbalanced drilling in any detail.

GEOMECHANICS

Thursday, 23 October • 0900 – 1700 hours

Instructor: David Castillo, GeoMechanics Intl.

Course Content:

The course is designed for asset managers, drilling and completion department heads, and technical E&P support teams who are interested in learning how knowledge of the geomechanics of the asset can be used to:

- Evaluate exploration risks such as fault leakage.
- Build a reservoir geomechanical model that represents the asset's life cycle.
- Understand the mechanical role of faults and natural fractures.
- Maximize production in the context of the appropriate completion option.
- Identify the well trajectory to maximize reservoir production.
- Design an executable well plan that maximizes wellbore stability and minimizes non-productive-time.

The course will provide industry professionals with an overview in the principles of in situ stress and rock mechanics and emphasize the application of this technology to the petroleum industry. Attendees will be introduced to applications that include predictive optimization of wellbore stability during drilling and production (sanding); underbalanced drilling; fractured reservoir characterization and production optimization through understanding the mechanical nature of critically stressed fractures; waterflooding; hydraulic fracturing; fault seal integrity; and much more.

LARGE GAS FIELD DEVELOPMENT PLANNING

Thursday, 23 October and Friday, 24 October • 0900 – 1700 hours

Instructor: Neil Kavanagh, Woodside Energy Ltd.

Course Content:

This will be a multidisciplinary, experiential, learning course where participants will learn how to carry out upstream development

planning of hydrocarbon resources, with specific application to Australian big gas. This will include:-

- Business framing - what is the opportunity and in what business context does it exist; barriers and drivers.
- Characterise the natural resource into alternative realizations.
- Identify the alternative development options and describe the development choices.
- Build scenario tables and choose the best, feasible option.
- Communicate the development plan to decision makers.

The course will be structured around two case studies. Attendees will work in multi-disciplinary case study groups and will conduct a development plan for the first field unaided. After lectures on "how to do it" in the afternoon, new groups will be formed to choose a development concept for the second case study on the second day after which they will formally present their chosen development plan to a management panel. Two sets of data will be provided to assist the case study groups i.e. a description of the natural resource (two proto-typical big Australian gas fields) and a description of some of the development choices for both upstream (subsea vs. platform etc.) and downstream (domgas vs. LNG vs. GTL).



COURSES REGISTRATION FORM

SPE ASIA PACIFIC OIL & GAS CONFERENCE AND EXHIBITION 20 - 22 OCTOBER 2008 • PERTH, AUSTRALIA

All portions of this form must be completed. Print names as they should appear on meeting badge. Registration will not be processed without payment.

SPE Member : Yes No SPE Member Number

Registrant's First Name (forename) Last Name (family name)

Job Title or Position

Company

P.O. Box or Street Address

City

State Country Zip/Postal Code

Office Telephone (Include Country and City Code) Facsimile (Include Country and City Code)

E-mail Address

**Early Bird
Registration Deadline
19 September 2008**

Mail or Fax to:
Registrar-2008 APOGCE
Society of Petroleum Engineers
Suite 23-02, Level 23
Centrepoint South,
Mid Valley City
Lingkar Syed Putra
59200 Kuala Lumpur,
Malaysia
Tel: 60.3.2288.1233
Fax: 60.3.2282.1220

**If you fax this form,
do NOT mail original.**

Registration fees include 10% GST

FEE PER PERSON		QTY	COST	REGISTRATION
On/before 19 Sept.	After 19 Sept.			
COURSE A: CONTROLLED PRESSURE DRILLING				
Thursday, 23 October 2008 (1-day)				
A\$1,100/US\$1,035	A\$1,200/US\$1,130			1. SPE Member
A\$1,200/US\$1,130	A\$1,300/US\$1,225			2. Nonmember
COURSE B: GEOMECHANICS				
Thursday, 22 October 2008 (1-day)				
A\$1,100/US\$1,035	A\$1,200/US\$1,130			1. SPE Member
A\$1,200/US\$1,130	A\$1,300/US\$1,225			2. Nonmember
COURSE C: LARGE GAS FIELD DEVELOPMENT PLANNING				
Thursday and Friday, 23 and 24 October 2008 (2-days)				
A\$1,530/US\$1,440	A\$1,630/US\$1,535			1. SPE Member
A\$1,630/US\$1,535	A\$1,730/US\$1,630			2. Nonmember
Total: A\$/US\$				

PAYMENT OPTIONS:

Australian and U.S. Dollars Cheque or Money Order
Payable to **Society of Petroleum Engineers**

American Express MasterCard Diners Club Visa
(Credit Card Payment will be in U.S. Dollars only.)

Electronic Transfer in Australian Dollars to:
Society of Petroleum Engineers, ANZ Bank, Australia.
Bank details will be provided on the invoice.

Card Number

Exp. Date

Signature _____

Name as it appears on Card _____

Billing address of Card _____

Zip Code/Postal Code of Card _____

REFUND DEADLINE: Cancellations must be submitted to this office and postmarked no later than **3 October 2008** to receive a refund less A\$150/US\$140 processing fee.