



Society of Petroleum Engineers

## TECHNICAL PROGRAM COMMITTEE

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Brunei Shell Petroleum Co.  
Sdn. Bhd.

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PetroleumBRUNEI

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Advanced Well Technologies

**Nurul Azrin Amiruddin**  
Baker RDS

**Amiruddin Abdi Manaf**  
Petroleum Unit, Prime Minister  
Office

**Rudy de Grood**  
Baker Hughes Inc.

**Jeanette Gordon**  
AGR Petroleum Services

**Maria Gomez**  
Schlumberger

**Noorilmee Hj. Tengah**  
PetroleumBRUNEI

**Mohammad Salleh Hj. Tuah**  
Brunei Shell Petroleum Co.  
Sdn. Bhd.

**Wan Firmella Hamidon**  
Total E&P Borneo

**Norshahrizi Nordin**  
Petra AWT Sdn. Bhd.

**Peter Oyewole**  
BP America Inc.

**Gert-Jan Reijnders**  
Sarawak Shell Bhd.

**Tzu-Lee Lin**  
Chevron Asia South BU China

## SPE Applied Technology Workshop

# ASSET REVITALISATION THROUGH TECHNOLOGY INNOVATIONS FOR ECONOMICALLY VALUABLE SOLUTIONS

8-11 March 2010 • The Empire Hotel & Country Club,  
Bandar Seri Begawan, Brunei Darussalam

## Workshop Description

Approximately 80% of oil and gas fields can be characterised as mature or highly depleted. Efforts to sustain production from these declining assets are continuously being pursued. With the age of many fields now ranging from 20-50 years, and with a 5-10 years gestation period for the broad acceptance of new technology, a field developed with, and still using, 15-year old technology is not uncommon.

Furthermore, newly completed wells are becoming progressively more complex to service and workover. Intervention techniques are struggling to keep pace with this complexity thus the technology developments required to manage these wells need to be refined and simplified to ensure cost effective field management can be progressed.

This Applied Technology Workshop will focus on revitalisation of assets (mature, marginal and small remote fields) through innovative and cost effective technology solutions with emphasis upon applications for onshore and offshore fields experiencing rapid production decline. It will particularly appeal to individuals who are responsible for, and have an interest in, the application of field rejuvenation technology, along with the planning and execution of asset revitalisation.

## Workshop Focus and Objectives

This Workshop will provide excellent networking opportunities for sharing of the latest technologies and its deployment, best practices and fit-for-purpose techniques focused upon revitalising assets. Among the topics and issues to be discussed are:

- Managing the mature field environment.
- Reservoir and production data - management and integration.
- Innovative technology and solutions.
- Opportunities for marginal and remote / small field development.
- Understanding the technology gaps and development lead times.
- Case studies and breakout sessions.

## Who Should Attend

This Workshop will be of interest to petroleum engineering professionals, production engineers, drilling engineers, well services and service companies involved in asset revitalisation.

Participants will be encouraged to present their case histories (successes, failures and lessons learnt) and other experiences for discussion.

**EARLY BIRD REGISTRATION DEADLINE : 8 JANUARY 2010**

**REGISTRATION DEADLINE: 8 FEBRUARY 2010**

**REGISTER EARLY TO SAVE USD 100.00!**

## ASSET REVITALISATION THROUGH TECHNOLOGY INNOVATIONS FOR ECONOMICALLY VALUABLE SOLUTIONS

## PRELIMINARY DAILY ACTIVITIES AGENDA

**Monday, 8 March 2010**

9:00 a.m. - 12:00 p.m.	Programme Committee Meeting
2:00 p.m.	Hotel Check-in
4:00 p.m. - 7:00 p.m.	SPE Registration and Poster Set-Up
6:00 p.m. - 7:00 p.m.	Discussion Leaders and Session Chairpersons/Managers Briefing
7:00 p.m. - 9:00 p.m.	Welcome Reception/Dinner

**Tuesday, 9 March 2010**

7:30 a.m. - 8:00 a.m.	Breakfast
8:00 a.m. - 9:30 a.m.	Session 1: Introduction/Opening/ Keynote Address
9:30 a.m. - 10:00 a.m.	Group Photo/Coffee Break
10:00 a.m. - 12:00 p.m.	Session 2: Assets
12:00 p.m. - 1:00 p.m.	Lunch
1:00 p.m. - 3:00 p.m.	Session 3: Preparing for Being Brown, Data Management and Integration
3:00 p.m. - 3:15 p.m.	Coffee Break
3:15 p.m. - 5:15 p.m.	Session 4: Innovative Technology
5:15 p.m. - 6:15 p.m.	Session 5: Poster Session
7:00 p.m. - 9:00 p.m.	Group Dinner

**Wednesday, 10 March 2010**

7:30 a.m. - 8:30 a.m.	Breakfast
8:30 a.m. - 10:30 a.m.	Session 6: Case Studies: Revitalising Assets - The Economic Opportunities
10:30 a.m. - 10:45 a.m.	Coffee Break
10:45 a.m. - 12:45 p.m.	Session 7: Breakout Session
12:45 p.m. - 1:45 p.m.	Lunch
Afternoon	Rest & Recreation/Networking Opportunities/Dinner on own

**Thursday, 11 March 2010**

7:30 a.m. - 8:30 a.m.	Breakfast
8:30 a.m. - 10:30 a.m.	Session 8: Well Construction Strategy – Value Added Technology
10:30 a.m. - 10:45 a.m.	Coffee Break
10:45 a.m. - 12:45 p.m.	Session 9: Economically Challenging Opportunities for Marginal, Remote and Small Fields.
12:45 p.m. - 1:45 p.m.	Lunch
1:45 p.m. - 3:45 p.m.	Session 10: Technology Gaps, and Future Developments/ Opportunities
3:45 p.m. - 4:00 p.m.	Coffee Break
4:00 p.m. - 5:00 p.m.	Session 11: Breakout Session Presentation
5:00 p.m. - 5:30 p.m.	Session 12: Summary and Wrap Up
6:30 p.m. - 8:30 p.m.	Group Dinner

**Friday, 12 March 2010**

7:30 a.m. - 10:30 a.m.	Breakfast at Leisure
12:00 p.m.	Hotel Check-Out

## POSTER SOLICITATION AND INFORMATION

Poster Session Co-Chairpersons:

**Amiruddin Abdi Manaf**, Petroleum Unit, Prime Minister Office  
**Peter Oyewole**, BP America Inc.

As an adjunct to the scheduled presentations, the Programme Committee will incorporate a poster presentation session in this Workshop. The poster session will allow participants an opportunity to present additional new ideas to those interested. The poster session is scheduled from 5:15 p.m. – 6:15 p.m. on **Tuesday, 9 March 2010**.

All participants are encouraged to prepare and bring a poster presentation to the Workshop. Posters will be on display for the entire Workshop period and provide participants an excellent opportunity for networking. As with the session discussions, the poster session will be conducted off the record to encourage frank discussion and presentation of unconfirmed or partial results. Presentations on both research and field experience are solicited.

**SPE WORKSHOPS AND COMMERCIALISM**

The Workshop Programme Committee has a stated policy against the use of commercial trade names, company logos, or language that is commercial in tone.

**Note that the Workshop Programme Committee will review all posters prior to display, and reserves the right to refuse permission to display any poster considered by the committee to be commercial in nature.**

The poster display should be designed for eye-level viewing and made from simple graphic materials. Size of the poster board will be advised at a later time. The poster display may include printed materials, tables, graphs, photographs, or illustrations. All the materials should be of sufficient size so as to be easily read and should be prepared in a manner that will accomplish the following:

- Identify topic by title, presenter, affiliation, address, and phone number.
- Include a brief abstract that summarises the technology to be addressed.
- Make the display as self-explanatory as possible.
- Place the information sequentially; beginning with the main idea or problem, method used, result, etc. (Draw a plan keeping the size and number of illustrations in mind).
- Keep illustrations simple by using charts, graphs, drawings, and pictures to create interest and visually explain a point.
- Use contrasting colours.
- Use large print for narrative materials. (We suggest a minimum of 24 points or 3" high letters for the title).

Whether or not you elect to participate in the poster session or have been invited by the Programme Committee to present during one of the regular sessions, please come prepared to participate actively in the discussions. Open interaction is encouraged. With the full cooperation and participation of all attendees, we anticipate an outstanding Workshop.

## ASSET REVITALISATION THROUGH TECHNOLOGY INNOVATIONS FOR ECONOMICALLY VALUABLE SOLUTIONS

## PRELIMINARY TECHNICAL AGENDA

**Tuesday, 9 March 2010 • 10:00 a.m. - 12:00 p.m.**

**SESSION 2: ASSET**

**Session Co-Chairpersons/Moderators:**

*Rudy de Grood, Baker Hughes Inc.*

*Tzu-Lee Lin, Chevron Asia South BU China*

This session will provide a comprehensive and systematic overview for shaping the asset revitalisation framework. This can be achieved by recognising all critical components, including the definition of a new viable opportunity, strategy, technology development, workflow, technology deployment, execution plan and value assessment. The following topics are expected to be covered:

1. The identification of mature assets for revitalization opportunities.
2. Critical factors to determine the asset value and the incremental opportunity.
3. Strategy and goal setting.
4. Workflow and workflow management.
5. Technology and recent advancements for enhancing asset value.
6. Case Studies.

**Tuesday, 9 March 2010 • 1:00 p.m. - 3:00 p.m.**

**SESSION 3: PREPARING FOR BEING BROWN, DATA MANAGEMENT AND INTEGRATION**

**Session Co-Chairpersons/Moderators:**

*Maria Gomez, Schlumberger*

*Gert-Jan Reijnders, Sarawak Shell Bhd.*

In this session, the following topics are expected to be covered:

1. What preparations operating companies can make in the early days of field production in order to be ready for the brown-field days. Can data requirements for later years be anticipated and can the timely acquisition of the right data be justified early in field life?
2. To acquire data and use it effectively, companies need to coordinate the interdisciplinary efforts of geoscientists and engineers. Justifying the volume and cost of data collection to stakeholders requires an in depth knowledge of the asset management strategy as well as a cost benefit review of the field development strategy as a minimum..
3. Storing and Retrieval of data during the reservoir lifecycle constitutes a major challenge due to the inability of differently structured databases to communicate, along with software incompatibility issues. Often, this is given insufficient attention, destroying much or all of the value of the data gathered. In this session, we aim to share best practices as well as latest developments in this area.

The session subtopics will include:

- Data requirements for brown-field operations, secondary and tertiary recoveries.
- Cost-effective data gathering.
- Industry Standards for applications and data systems.
- Data management challenges and best practices.

**Tuesday, 9 March 2010 • 3:15 p.m. - 5:15 p.m.**

**SESSION 4: INNOVATIVE TECHNOLOGY**

**Session Co-Chairpersons/Moderators:**

*Rudy de Grood, Baker Hughes Inc.*

It is recognised that maximising the recovery of hydrocarbon reserves could not be achieved without a considerable contribution from innovative technology. This session focuses on providing practical and proven innovative technology, solutions or methods with an emphasis on their application for onshore and offshore fields experiencing rapid production decline.

The technologies and developments presented will examine these technologies and the barriers for broader acceptance for applicability. It is important that promising high-risk development and field trials are staged to ensure that they are moved quickly, with due process, from concept through to implementation and deployment in the field.

This session will address challenges with innovative technologies, which demonstrate significant benefit over existing approaches in areas such as, but not limited to:

- Enhancements in reservoir understanding and development resulting in improved oil and gas recovery.
- Technologies for improved understanding and development of reservoirs that extend the production life of the well.
- Enhanced lower cost access to resources and cost effective production solutions.
- Identification of additional and incremental hydrocarbon reserves.
- Low cost, production enhancing technologies (subsea/subsurface boosting and control, enhanced oil recovery, advanced chemical technologies).

**Wednesday, 10 March 2010 • 8:30 a.m. - 10:30 a.m.**

**SESSION 6: CASE STUDIES: REVITALISING ASSETS – THE ECONOMIC OPPORTUNITIES**

**Session Co-Chairpersons/Moderators:**

*Jeanette Gordon, AGR Petroleum Services*

*Wan Firmella Hamidon, Total E&P Borneo*

This session will provide a platform for showcasing various Asset Revitalisation Techniques, sharing information and experiences asset owners, or technological innovators, have had. The economic upside of 'getting it right' is extensive, and with joint venture partners and shareholders demanding greater return on investments, it is necessary to share lessons and focus upon opportunities. Case Studies are invited from an analytical or problem orientated approach with the session addressing the following areas:

- Best in class performance (drilling or completion).
- Through tubing techniques and applications.
- Well integrity – short and long term.
- Data management – what we need and when.
- Economic opportunities for marginal, remote or small fields.

## ASSET REVITALISATION THROUGH TECHNOLOGY INNOVATIONS FOR ECONOMICALLY VALUABLE SOLUTIONS

## PRELIMINARY TECHNICAL AGENDA (CONTD.)

Thursday, 11 March 2010 • 8:30 a.m. - 10:30 a.m.

**SESSION 8: WELL CONSTRUCTION STRATEGY - VALUE ADDED TECHNOLOGY**

**Session Co-Chairpersons/Moderators:**

*Jeanette Gordon, AGR Petroleum Services*

*Norshahrizi Nordin, Petra AWT Sdn. Bhd.*

This session will provide a showcase for technology innovations, processes or procedures associated with well construction which have facilitated an increase in the value of an asset, whether mature, marginal, remote or satellite. As strategies, techniques, hardware and the experience and understanding of personnel mature, coupled with step changes in data gathering, data management and the deepening understanding of asset lifecycles, there is a need to expose and understand the opportunities and threats inherent in constructing wells and the impacts upon asset value. The session subtopics will include:

- Exploration/appraisal Wells and cost effective techniques of data gathering.
- Development drilling.
- Intelligent completions and well integrity.
- Asset lifecycle impacts, fluid selection and construction design.

Thursday, 11 March 2010 • 10:45 a.m. - 12:45 p.m.

**SESSION 9: ECONOMICALLY CHALLENGING OPPORTUNITIES FOR MARGINAL, REMOTE AND SMALL FIELDS**

**Session Co-Chairpersons/Moderators:**

*Noorilmee Hj. Tengah, PetroleumBRUNEI*

*Peter Oyewole, BP America Inc.*

The goal of the session is to share information and experience on the development plan of a marginal field and/or a small field located in a relatively remote area. A marginal field can be defined by the limitations that are imposed by the environment and legislation whilst small field is defined by the size of the field. Dealing with uncertainties in developing these fields is a big challenge and hence application of advanced technology potentially allows the development to be economically viable. The session subtopics will include:

- Challenges in development.
- Integrated development strategy.
- Optimum choice of technology.
- Risk mitigation strategies for optimizing production.
- Economics aspects.

Thursday, 11 March 2010 • 1:45 p.m. - 3:45 p.m.

**SESSION 10: TECHNOLOGY GAPS AND FUTURE DEVELOPMENTS/OPPORTUNITIES\_**

**Session Co-Chairpersons/Moderators:**

*Nurul Azrin Amiruddin, Baker RDS*

*Mohammad Salleh Hj. Tuah, Brunei Shell Petroleum Co. Sdn. Bhd.*

R&D is a vital step in the emergence of new inventions, and for bridging the technology gap. Each new encounter and challenge faced by the industry triggers new opportunities for both short and long term research. This session is an opportunity for researchers and industrial players to present and share their innovative ideas towards providing economically viable solutions for asset revitalization. Ideas can be further materialised by interested parties, which will have an indispensable benefit for the industry.

**ASSET REVITALISATION THROUGH TECHNOLOGY INNOVATIONS FOR ECONOMICALLY VALUABLE SOLUTIONS****Documentation:**

1. Proceedings will not be published; therefore, formal papers and handouts are not expected from speakers.
2. Work in progress, new ideas, and interesting projects are sought.
3. Professionally-prepared visual aids are not required; handwritten viewgraphs are entirely acceptable.
4. Note-taking by participants is encouraged. However, to ensure free and open discussions, no formal records will be kept.

**Workshop Deliverables:**

- The committee will prepare a full report containing the highlights of the Workshop discussions. This report will be circulated to all attendees. A one-page summary will be prepared by the Workshop Co-Chairperson, which will be posted on the SPE Web Site, and published in the Journal of Petroleum Technology (JPT), if space permits. The copyright of the summary report will belong to SPE.
- PowerPoint presentation materials will be posted on a specific SPE URL address after the Workshop. Provision of the materials by the discussion leaders will signify their permission for SPE to do so.

**Commercialism:**

In keeping with ATW objectives and the SPE mission, excessive commercialism in posters or presentations will not be permitted. Company logos must be limited to the title slide and used only to indicate the affiliation of the presenter and others involved in the work.

**Registration Fees:****Early Bird Registration Deadline: 8 January 2010**

- **SPE MEMBER : US\$2,250.00/person on/before 8 January 2010**
- **NONMEMBER : US\$2,350.00/person on/before 8 January 2010**

**Registration Deadline: 8 February 2010**

- **SPE MEMBER : US\$2,350.00/person after 8 January 2010**
- **NONMEMBER : US\$2,450.00/person after 8 January 2010**

**Fee includes the following:**

- Three-day registration fee for all Workshop sessions;
- Four nights accommodation based on single occupancy with arrival Monday, 8 March and departure Friday, 12 March 2010;
- Welcome reception followed by dinner (Monday evening);
- Three meals per day except on Wednesday;
- Daily coffee/tea breaks;
- Workshop Workbook and Certificate of Continuing Education Units (CEU).

**Note:** Registration fee does not include hotel accommodation and meal costs for additional family member(s).

**Registration Policy:**

- Registration fee **MUST** be paid in advance for attending the Applied Technology 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 chairpersons, committee members, speakers, discussion leaders, students and registrants).

**Cancellation and Refund Policy:**

- A full refund less **US\$150.00** processing fee will be charged for cancellation received before the registration deadline **8 February 2010**.
- For cancellation received after the registration deadline **8 February 2010**, 25% refund will be made to the registrant.
- No refund on cancellation received seven (7) days prior to the starting of the Workshop date, on or after **1 March 2010**.
- Substitutions will not be accepted without prior Programme Committee approval.
- **No refund** will be issued if a registrant fails to show up at the Workshop on-site.

**Attendance Certificate:**

All attendees will receive an attendance certificate attesting to their participation at the Workshop. This certificate will be provided in exchange for a completed Workshop Questionnaire.

**Continuing Education Units:**

This Workshop qualifies for SPE Continuing Education Units (CEU) at the rate of 0.1 CEU per hour of the ATW.

**Workshop Venue:**

The Empire Hotel & Country Club  
Jerudong  
Bandar Seri Begawan BG3122  
Brunei Darussalam  
Tel: 673.241.8888 • Fax: 673.241.8999  
Website : [www.theempirehotel.com](http://www.theempirehotel.com)

**Attendees' Information:**

General and detailed accommodation information will be forwarded to registrants with the attendee package prior to the scheduled Workshop in January 2010.

**Dress Code:**

Casual clothing is recommended. The Workshop atmosphere is informal.

**Transportation/Visa:**

Delegates are advised to book their international airline tickets early from their country to Brunei. Further detailed transportation information will be available and included in the attendee package, which will be sent to registrants in February 2010.

All travellers to Brunei must be in possession of passports valid for at least six (6) months with proof of onward passage, either return, or through tickets. Contact your local travel agent for information on visa requirements to Brunei.

**ATTENTION NON-MEMBERS:  
JOIN SPE DURING THIS WORKSHOP AND RECEIVE  
YOUR FIRST YEAR'S MEMBERSHIP FREE!  
SUBMIT YOUR MEMBERSHIP APPLICATION ONSITE!**

**ASSET REVITALISATION THROUGH TECHNOLOGY INNOVATIONS FOR ECONOMICALLY VALUABLE SOLUTIONS**

**POSTER PARTICIPATION FORM**

You are invited to prepare a poster display for presentation. If you are interested in participating, please complete the form and return it to the SPE Asia Pacific Office (Kuala Lumpur, Malaysia), address indicated below by **8 February 2010**.

(Please print in black ink)

**DATE:** \_\_\_\_\_

**SPE Member:**  Yes Membership No. \_\_\_\_\_  No

**NAME:** \_\_\_\_\_

**POSITION:** \_\_\_\_\_

**COMPANY:** \_\_\_\_\_

**ADDRESS:** \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**TELEPHONE:** \_\_\_\_\_ **FAX:** \_\_\_\_\_

**E-MAIL ADDRESS:** \_\_\_\_\_

**Please provide the topic with a short abstract of the proposed poster:**

**Topic:** \_\_\_\_\_

**Abstract:** \_\_\_\_\_  
\_\_\_\_\_  
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\_\_\_\_\_

**PLEASE RETURN THE POSTER PARTICIPATION FORM BY 8 February 2010 TO:**  
Jenny Chong, Senior Manager-Operations  
Society of Petroleum Engineers  
Suite 23-02, Level 23, Centrepoint South, Mid Valley City  
Lingkaran Syed Putra, 59200 Kuala Lumpur, Malaysia  
Tel: 60.3.2288.1233 • Fax: 60.3.2284.9220  
E-mail: [jchong@spe.org](mailto:jchong@spe.org) • Web Site: [www.spe.org](http://www.spe.org)

**ASSET REVITALISATION THROUGH TECHNOLOGY INNOVATIONS FOR ECONOMICALLY VALUABLE SOLUTIONS**

**REGISTRATION FORM**

Please Print or Type in Black Ink

SPE Member:  Yes Membership No. \_\_\_\_\_  No

Name: \_\_\_\_\_  
(First/Forename) (Middle) (Last/Family Name)

Position: \_\_\_\_\_

Company: \_\_\_\_\_

Address: \_\_\_\_\_

Town/City: \_\_\_\_\_ Zip/Postal Code: \_\_\_\_\_ Country: \_\_\_\_\_

Tel: \_\_\_\_\_ Fax: \_\_\_\_\_

E-mail: \_\_\_\_\_

**Would you be willing to give a brief (10 minute) presentation \_\_\_\_ (Yes/No) or a poster presentation \_\_\_\_ (Yes/No)**

If yes, please provide a title and a detailed description of the presentation in the space below. (Use additional paper if required). One of the Programme Committee members will contact you to discuss your presentation.

\_\_\_\_\_

**Important:** Registrants for SPE Applied Technology Workshops are accepted on the basis of information submitted by each registrant.

**Technical Disciplines** (Check One)

- |  |  |
|--|--|
| <input type="checkbox"/> Drilling and Completions              | <input type="checkbox"/> Health, Safety, Security, Environment and Social Responsibility |
| <input type="checkbox"/> Management and Information            | <input type="checkbox"/> Production and Operations                                       |
| <input type="checkbox"/> Projects, Facilities and Construction | <input type="checkbox"/> Reservoir Description and Dynamics                              |

**Primary Responsibility** (Check One)

- |   |                                    |                                    |                                     |                                       |
|---|------------------------------------|------------------------------------|-------------------------------------|---------------------------------------|
| <input type="checkbox"/> Asset Management | <input type="checkbox"/> Economics | <input type="checkbox"/> Drilling  | <input type="checkbox"/> Geology    | <input type="checkbox"/> Geophysics   |
| <input type="checkbox"/> Production       | <input type="checkbox"/> Operation | <input type="checkbox"/> Reservoir | <input type="checkbox"/> Management | <input type="checkbox"/> Others _____ |

List background and experience. (Use additional paper if required).

\_\_\_\_\_

List your expectation for the Workshop, so that the committee can tailor a portion of the Workshop to answering attendees' concerns. (Use additional paper if required).

\_\_\_\_\_

**REGISTRATION FEES:** (Please select appropriate box)

**Early Bird Registration Deadline: 8 January 2010**

- SPE MEMBER : US\$2,250.00/person on/before 8 January 2010**
- NONMEMBER : US\$2,350.00/person on/before 8 January 2010**

**Registration Deadline: 8 February 2010**

- SPE MEMBER : US\$2,350.00/person after 8 January 2010**
- NONMEMBER : US\$2,450.00/person after 8 January 2010**

Fee includes workshop registration, workbooks, certificate, 4 nights **SINGLE** accommodation with daily breakfast, 1-welcome reception/dinner, 3 luncheons, 2 dinners and daily coffee/tea breaks.

**PAYMENT BY CREDIT CARD**

Credit Card Payment will be in U.S. Dollars only

- |   |                                      |
|---|--------------------------------------|
| <input type="checkbox"/> American Express | <input type="checkbox"/> Master Card |
| <input type="checkbox"/> Visa             | <input type="checkbox"/> Diners Club |

\_\_\_\_\_

Card Number

\_\_\_\_\_

Exp. Date

\_\_\_\_\_

CVV Code

(CVV code is the 3 digit code on back of VISA/ MasterCard and the 4 digit code on the front of American Express.)

Signature (as it appears on your credit card)

Name as it appears on Card \_\_\_\_\_

Billing address of Card \_\_\_\_\_

Zipcode/Postal Code of Card \_\_\_\_\_

**PAYMENT BY CHEQUE**

- U.S. Dollars Cheque to **Society of Petroleum Engineers**.  
Payment Enclosed (Check No. \_\_\_\_\_)

**Note: Forms will not be processed and space cannot be guaranteed unless accompanied by payment for total amount due.**

**CANCELLATION POLICY:**

- A full refund less **US\$150.00** processing fee will be charged for cancellation received before the registration deadline, **8 February 2010**.
- For cancellation received after the registration deadline, **8 February 2010**, 25% refund will be made to the registrant.
- No refund** on cancellation received seven (7) days, **1 March 2010**, prior to the starting of the Workshop date.
- Substitutions will not be accepted without prior Programme Committee approval.
- No refund** will be issued if a registrant fails to show up at the Workshop on-site.

**THIS FORM MAY BE USED AS A COMPANY INVOICE**

Mail completed registration form with remittance and any supporting material to:  
**Society of Petroleum Engineers**  
Suite 23-02, Level 23, Centrepoint South, Mid Valley City  
Lingkaran Syed Putra, 59200 Kuala Lumpur, Malaysia  
Tel: +60.3.2288.1233 • Fax: +60.3.2284.9220 • E-mail: spekl@spe.org

**To submit your registration online, please visit the SPE website at [www.spe.org](http://www.spe.org). The online payments are secured by VeriSign. (Credit Card Registration Only)**