



IADC/SPE ASIA PACIFIC DRILLING TECHNOLOGY CONFERENCE

Conference Preview



**Value, Resources
and Innovation :
Sustaining the
Next Decade**

1-3 November 2010
Sheraton Saigon Hotel & Towers
Ho Chi Minh City, Vietnam

Sponsored By:



Society of Petroleum Engineers

Official Supporter:



MESSAGE FROM THE CONFERENCE CHAIRMAN



On behalf of the International Association of Drilling Contractors (IADC), the Society of Petroleum Engineers (SPE), and the Programme Committee, it is my pleasure to invite you to the eighth biennial IADC/SPE Asia Pacific Drilling Technology Conference (APDT) scheduled 1-3 November 2010 in Ho Chi Minh City, Vietnam.

The theme of this conference is “Value, Resources and Innovation: Sustaining the Next Decade.” Our industry has gone through a roller coaster of change over the past three to four years, largely due to the global economic turbulence. As always the industry has responded and made adjustments. The conference theme will help us look forward to the next ten years, and to think about and

discuss where we need to be, by the end of the next decade.

In order to address this year’s theme, the Technical Programme Committee has assembled a diverse and comprehensive technical programme, featuring presentations of more than 80 papers from around the world in technical and poster sessions. In addition, industry leaders will provide a variety of perspectives on the conference theme at the opening ceremony, keynote session, panel sessions and daily topical luncheons.

A technical exhibition will be held in conjunction with the conference, bringing together top organisations from around the world to display the latest in technological advancements and will afford delegates the opportunity to share views, discuss challenges and consider potential solutions, all while networking with other industry professionals.

In addition to the extensive technical programme and exhibition, a Young Professionals Workshop will be held prior to the event on Sunday, 31 October, creating a chance for young professionals to engage with their peers and industry executives in discussions about the future of the petroleum industry.

We anticipate a highly engaging 2010 APDT conference and look forward to you attending this professionally rewarding and enjoyable event.

A handwritten signature in black ink, consisting of a large, stylized 'D' followed by several loops and a long horizontal stroke at the end.

Do Van Khanh
Chairman
PetroVietnam Exploration Production Corporation (PVEP)

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CONFERENCE CHAIRMAN

Do Van Khanh, PetroVietnam Exploration Production Corporation (PVEP)

PROGRAMME COMMITTEE



TECHNICAL PROGRAMME CHAIRMAN

Benjamin J. Gedge

Weatherford Vietnam LLC (Technical Programme Chairman)

Bernt Aadnoy
U. of Stavanger

Catalin Aldea
M-I SWACO

Ronald G. Bland
Baker Hughes Drilling Fluids

Michael Bugni
Schlumberger Vietnam Services

Leongsakol Chinarat
PTT Exploration and Production Plc.

Kok Seng Foo
Keppel Offshore Marine Ltd.

Todd G. Gilmore
Premier Oil Vietnam Offshore B.V.

Rosli Hamzah
PETRONAS Carigali Sdn. Bhd.

John Harris
Consultant

Hoang Ngoc Dang
Vietnam Oil & Gas Corp.

Xinfeng Hu
Greatwall Drilling Co.

Michael J. Jellison
NOV Grant Prideco

Asif M. Khan
OMV Pakistan Exploration

Le Duc Hoa
PetroVietnam Drilling & Well Services Corp.

Luong Van Cuong
PVD Petroleum Well Logging Co. Ltd.

Cholid Mas
Schlumberger Vietnam Services

Tim Otto Moormans
Hoan Vu Joint Operating Co.

Tushar S. Mukherjee
Saudi Aramco

Basker S. Murugappan
DongEnergy SA

Nong Xuan Vien
Petrovietnam Drilling & Well Services Corp.

Nguyen Van Khuong
Vietnam Oil & Gas Group

Nguyen Van Toan
PetroVietnam Oil & Gas Corp.

Nguyen Vu Truong Son
PetroVietnam Exploration Production Corp.

Nguyen Xuan Cuong
PetroVietnam Drilling & Well Services Corp.

Jeremy Ogg
National Oilwell Varco

See Hong Ong
GeoMechanics Intl.

M.M. Oskay
Kuwait Gulf Oil Co.

Pham Tien Dung
PetroVietnam Drilling & Well Services Corp.

Phan Ngoc Trung
Vietnam Petroleum Institute

Guillaume Plessis
NOV Grant Prideco

Wengui Qin
China National Petroleum Corp.

Mark Rivenbark
Packers Plus

Rolv Rommetveit
eDrilling Solutions

Derren Simpson
Tendeka BV

John E. (Hugh) Sykes
Salamander Energy

Fredric Young
Dalma Energy & Co. LLC

SCHEDULE OF EVENTS

All events, unless specified, are scheduled at the Sheraton Saigon Hotel and Towers.

Sunday, 31 October

0630 hours Tee Off
0800-0830 hours
0830-1400 hours
1000-1730 hours
1300-1730 hours
1300-1730 hours
1500-1730 hours

Golf Tournament - Song Be Golf Resort
Registration - Young Professionals Workshop – Foyer of VIP3 & VIP4 Rooms, Level 3
Young Professionals Workshop – VIP3 & VIP4 Rooms, Level 3
Exhibit Move-In – Ballroom 1 & Grand Ballroom Foyer, Level 3
Speaker/Author Check-In – Danang Room, Level 2
Speaker Preparation/AV Check Room – Hue Room, Level 2
Registration – Pre-Function Foyer, Level 2

Monday, 1 November

0700-0800 hours
0730-1800 hours
0730-1800 hours
0730-1800 hours
0900-1000 hours
1000-1030 hours
1000-1930 hours
1030-1230 hours
1230-1400 hours
1400-1530 hours

Author/Session Chairperson Breakfast Meeting – Saigon Café
Speaker/Author Check-In – Danang Room, Level 2
Speaker Preparation/AV Check Room – Hue Room, Level 2
Registration – Pre-Function Foyer, Level 2
Opening Session – Ballroom 2 & 3, Level 3
Coffee Break – Exhibit Area
Exhibition – Ballroom 1 & Grand Ballroom Foyer, Level 3
Keynote Session – Ballroom 2 & 3, Level 3
Topical Luncheon – Ballroom 2 & 3, Level 3
Technical Sessions
Session 1: “Drilling Rigs and Equipment” – VIP3 & VIP4 Rooms, Level 3
Session 2: “Horizontal, ER Completion and Intervention” – Saigon & Dalat Rooms, Level 2
Session 3: “Case Histories” – Halong Room, Level 2
Poster Session – Pre-Function Foyer, Level 2
Tea Break – Exhibit Area
Technical Sessions
Session 4: “Stimulation, Perforation and Sand Control” – VIP3 & VIP4 Rooms, Level 3
Session 5: “Unconventional Resources” – Saigon & Dalat Rooms, Level 2
Session 6: “Drill Bits” – Halong Room, Level 2
Welcome Reception – Exhibit Area

1500-1600 hours
1530-1600 hours
1600-1730 hours

1800-1930 hours

Tuesday, 2 November

0700-0800 hours
0730-1800 hours
0730-1800 hours
0730-1800 hours
0830-1000 hours

Author/Session Chairperson Breakfast Meeting – Saigon Café
Speaker/Author Check-In – Danang Room, Level 2
Speaker Preparation/AV Check Room – Hue Room, Level 2
Registration – Pre-Function Foyer, Level 2
Technical Sessions
Session 7: “Directional and Extended Reach Drilling I” – VIP3 & VIP4 Rooms, Level 3
Session 8: “Intervention, Controls and Well Studies” – Saigon & Dalat Rooms, Level 2
Session 9: “HSE and Management” – Halong Room, Level 2
Exhibition – Ballroom 1 & Grand Ballroom Foyer, Level 3
Coffee Break – Exhibit Area
Panel Session 1: “Maximising Profitability through Synergies of Innovations and Resources”
– Saigon & Dalat Rooms, Level 2
Technical Session
Session 10: “Cementing / Zonal Isolation” – VIP3 & VIP4 Rooms, Level 3
Topical Luncheon – Ballroom 2 & 3, Level 3
Technical Sessions
Session 11: “Directional and Extended Reach Drilling II” – VIP3 & VIP4 Rooms, Level 3
Session 12: “Drill Fluids and Cuttings Disposal” – Saigon & Dalat Rooms, Level 2
Tea Break – Exhibit Area
Technical Sessions
Session 13: “HPHT / MPD / CT” – VIP3 & VIP4 Rooms, Level 3
Session 14: “Completion Design and Implementation” – Saigon & Dalat Rooms, Level 2

0900-1730 hours
1000-1030 hours
1030-1200 hours

1200-1330 hours
1330-1500 hours

1500-1530 hours
1530-1700 hours

Wednesday, 3 November

0700-0800 hours
0730-1400 hours
0730-1400 hours
0730-1400 hours
0830-1000 hours

Author/Session Chairperson Breakfast Meeting – Saigon Café
Speaker/Author Check-In – Danang Room, Level 2
Speaker Preparation/AV Check Room – Hue Room, Level 2
Registration – Pre-Function Foyer, Level 2
Technical Sessions
Session 15: “Drilling Problems and Solutions” – VIP3 & VIP4 Rooms, Level 3
Session 16: “Wellbore Stability” – Saigon & Dalat Rooms, Level 2
Exhibition – Ballroom 1 & Grand Ballroom Foyer, Level 3
Coffee Break – Exhibit Area
Panel Session 2: “A Step Change in Applying Technology: Managed Pressure Drilling – Underbalanced Drilling – Fracture Basement Well Testing”
– Saigon & Dalat Rooms, Level 2
Topical Luncheon – Ballroom 2 & 3, Level 3
Exhibitors Move-Out – Exhibit Area

0900-1430 hours
1000-1030 hours
1030-1200 hours

1200-1330 hours
1500-1800 hours

SPONSORING ORGANISATIONS



Society of Petroleum Engineers

The Society of Petroleum Engineers (SPE) is a not-for-profit professional association whose members are engaged in energy resources development and production. SPE serves 92,000-plus members from more than 117 countries worldwide. SPE is a key resource for technical knowledge related to the oil and gas exploration and production industry and provides services through its publications, conferences, workshops, forums, and website at www.spe.org.



2011 SPE President: Alain Labastie

Alain Labastie is Engineering Adviser, EOR Technologies, for Total and is based in Pau, France. He began his career in 1976 at Elf and has held numerous positions in reservoir engineering, primarily in R&D and technology development. His positions have included R&D Programme Manager, Head of R&D Operations, and Head of Advanced Reservoir Techniques.

Labastie also served in committees awarding public research funding for the French administration and the European Union.

Labastie served on the SPE Board as Director for the South, Central, and East Europe region and is a former Chairperson of the JPT Editorial Committee. He has been involved in numerous SPE committees, including the Distinguished Lecturers, ATCE, International Petroleum Technology Conference and Exhibition, Europec Technical, and Forum Series committees. Labastie also chaired the SPE France Section. He has also been an SPE representative for the Offshore Technology Conference. He earned an engineering degree from Ecole des Arts et Métiers and a petroleum engineering degree from Institut Français du Pétrole.



The International Association of Drilling Contractors (IADC) is dedicated to enhancing the interests of oil-and-gas and geothermal drilling contractors worldwide. IADC's contract-drilling members own most of the world's land and offshore drilling units and drill the vast majority of the wells that produce the planet's oil and gas. IADC's membership also includes oil-and-gas producers, and manufacturers and suppliers of oilfield equipment and services. Founded in 1940, IADC's mission is to improve industry health, safety and environmental practices; advance drilling and completion technology; and champion responsible standards, practices, legislation and regulations that provide for safe, efficient and environmentally sound drilling operations worldwide. IADC holds Accredited Observer status at the International Maritime Organisation and the International Seabed Authority, specialised agencies of the United Nations. The Association is a leader in developing standards for industry training, notably its Well Control Accreditation Programme (WellCAP®) and rig-floor orientation programme, RIG PASS®. IADC is headquartered in Houston and has offices in Washington D.C., the Netherlands, Thailand, and the United Arab Emirates, as well as chapters in the UK, Venezuela, Brazil, Australasia, South Central Asia, Southeast Asia, the Middle East and across the United States. For more information, visit the IADC website at www.iadc.org.



2010 IADC Chairman: Louis A. Raspino

Louis A. Raspino, was appointed Chief Executive Officer and President of Pride International, Inc. in June 2005 and previously served as its Executive Vice President and Chief Financial Officer from December 2003. Pride International, Inc., headquartered in Houston, Texas, is one of the world's largest offshore drilling contractors. Prior to joining Pride, Raspino served as Senior Vice President Finance and Chief Financial Officer of Grant Prideco beginning in July 2001 and Vice President Finance of Halliburton Company beginning in February 1999. Before that time, he served as Senior Vice President and Chief Financial Officer and member of the Office of Chairman of Louisiana Land & Exploration (LL&E) where he led the company's merger into Burlington Resources to create the largest independent oil and gas company in the U.S. at that time. His career at Louisiana Land & Exploration spanned 20 years where he held numerous executive management positions.

Raspino currently serves on the Board of Directors of Dresser-Rand Group, Inc. a NYSE worldwide manufacturer of engineered products, and is Chairperson of their Compensation Committee and is a member of their Audit Committee. He also serves on the Board of Memorial Hermann Hospital System, the Houston Youth Symphony and Theatre Under The Stars. He is a member of API, NOIA and other industry associations.

OPENING SESSION

Monday, 1 November • 0900-1000 hours

Ballroom 2 & 3



Do Van Khanh

Claus Hemmingsen

Alain Labastie

Phung Dinh Thuc

Phung Dinh Thuc, President and CEO, PetroVietnam; **Do Van Khanh**, 2010 APDT Conference Chairman and Chairman, PetroVietnam Exploration Production Corporation (PVEP); **Claus Hemmingsen**, IADC Executive Committee Chairman and CEO, Partner and Member of Group Executive Board, Maersk Drilling; and **Alain Labastie**, 2011 SPE President and Engineering Advisor, EOR Technologies, Total; will deliver Welcoming Addresses.

KEYNOTE SESSION

Monday, 1 November • 1030-1230 hours

Ballroom 2 & 3



“Safe, Profitable Growth in SE Asia - An Operator’s View”

Paul Atkinson
Vice President,
Talisman Vietnam Ltd.



Lawrence R. Dickerson
President and CEO,
Diamond Offshore Drilling Inc.



Do Van Hau
Vice President,
PetroVietnam



“Main Concepts Affecting Drilling”
Hege Kverneland
Corporate Vice President, and
Chief Technology Officer,
National Oilwell Varco



Mohamad Johari Dasri
Head of Production - Malaysia,
PETRONAS Carigali Sdn. Bhd.

TOPICAL LUNCHEONS

Monday, 1 November • 1230-1400 hours

Ballroom 2 & 3



Mohammed Anuar Taib
Chairman, Shell Malaysia

Tuesday, 2 November • 1200-1330 hours

Ballroom 2 & 3



Liao Yongyuan
Vice President, China National
Petroleum Corp. (CNPC)

PANEL SESSIONS

Tuesday, 2 November • 1030 - 1200 hours

Saigon & Dalat Rooms

“Maximising Profitability through Synergies of Innovations and Resources”

Panel Speakers:

- **Graeme Dawson**, Drilling Engineering Manager, East Asia, D&M, Schlumberger
- **Nicholas Gee**, Group Vice President, Completion and Production, Weatherford
- **Tim Hansen**, Global Drilling Manager, Premier Oil
- **George Ling**, General Manager Chengbei, Shell China
- **Richard Ward**, President Middle East, Asia Pacific Baker Hughes

Wednesday, 3 November • 1030 - 1200 hours

Saigon & Dalat Rooms

“A Step Change in Applying Technology – Managed Pressure Drilling – Underbalanced Drilling – Fracture Basement Well Testing”

Panel Speakers:

- **Ray Bullock**, GeoBalance Senior Technical Advisor, Europe/Eurasia, Halliburton
- **Paul Francis**, Business Development Manager, At Balance
- **Pierre-David Maizeret**, Reservoir Manager, Schlumberger Vietnam
- **Steve Nas**, Engineering Manager, Weatherford
- **Minh Vu Van**, Senior Drilling Engineer, Hoan Vu

TECHNICAL PROGRAMME

Additional changes made after 23 July 2010 will be reflected in the On-Site programme.

Monday, 1 November, 0900 to 1000 hours

Ballroom 2 & 3

OPENING SESSION

- Opening Address by **Do Van Khanh**, 2010 APDT Conference Chairman and Chairman, PetroVietnam Exploration Production Corporation (PVEP)
- Welcome Address by **Claus Hemmingsen**, IADC Executive Committee Chairman and CEO, Partner and Member of Group Executive Board, Maersk Drilling;
- Welcome Address by **Alain Labastie**, 2011 SPE President and Engineering Advisor, EOR Technologies, Total;
- Address by **Phung Dinh Thuc**, President and CEO of PetroVietnam

Monday, 1 November, 1030 to 1230 hours

Ballroom 2 & 3

KEYNOTE SESSION

- "Safe, Profitable Growth in SE Asia - An Operator's View"
Paul Atkinson, Vice President, Talisman Vietnam Ltd.
- **Lawrence R. Dickerson**, President and CEO, Diamond Offshore Drilling Inc.
- **Do Van Hau**, Vice President, PetroVietnam
- "Main Concepts Affecting Drilling"
Hege Kverneland, Corporate Vice President and Chief Technology Officer, National Oilwell Varco
- **Mohamad Johari Dasri**, Head of Production - Malaysia, PETRONAS Carigali Sdn. Bhd.

Monday, 1 November, 1400 to 1530 hours

VIP 3 & VIP 4 Rooms

Session 1: Drilling Rigs and Equipment

Session Chairpersons:

Frederic Young, Dalma Energy & Co. LLC
Jeremy Ogg, National Oilwell Varco

IADC/SPE

- 136669 A Conceptual Development of Slim Drillship**
A. Mortensen and A. Dimble, Keppel Offshore & Marine Technology Centre
- 136782-MS The Reelwell Drilling Method Allows Operation in Ultra Deepwaters by Reduced Sized Semi-Submersibles**
M. Mirrajabi, U. of Stavanger; J. Schubert, Texas A&M U.; and A.I. Nergaard, Seadrill Management Pte. Ltd.
- 135970 Challenges in Improving Geotechnical Performance of Jackup Rigs**
O.A. Purwana, KeppelFELS; K. Foo, Keppel Offshore & Marine; and M. Quah, Keppel Offshore Technology Development
- 133625 Automated Driller System (ADS) Application for Nuansa-1 Exploration Well Drilling**
S. Rachman, MEDCO E&P Indonesia; and H. Nugroho, PT Exspan Nusantara

Poster

- 133859 Sustaining Value using Thermal Treatment of Drill Cuttings**
D. Pierce, Brandt-NOV; and K. Sorenson, National Oilwell Varco

Monday, 1 November, 1400 to 1530 hours

Saigon & Dalat Rooms

Session 2: Horizontal, ER Completion and Intervention

Session Chairpersons:

Catalin Aldea, M-I SWACO
Michael J. Jellison, NOV Grant Prideco

IADC/SPE

- 135670 Increasing the Reach and Selectivity of Completions in Extended Reach Horizontal Wells**
B. Ritchie, M.J. Pitts and S. Van de Ven, Maersk Oil Qatar AS; and I. Abdel Aziz, Qatar Petroleum Company - Ex Dept.
- 135227 Horizontal Drilling and Completion Optimisation in a North Dakota Bakken Oilfield**
D. Snyder and R.A. Seale, Packers Plus; D.M. Zander, Fidelity E&P Co.; and M.P. Czehura,
- 135591 Sand Jet Perforating and Annular Coiled Tubing Fracturing Provides Effective Horizontal Well Stimulation**
E.S. Hill, A.R. Terry and Z. Zhao, BJ Services Co.
- 135812 Minimising Friction in Shallow Horizontal Wells**
B.S. Aadnoy and E. Kaarstad, U. of Stavanger; and A. Mirhaj, Delft U.

Posters

- 136281 Recompletion of a Horizontal Water Injector Well Purely on E-line Made Feasible and Viable with Wireline Tractor Technology**
F. Lam, Welltec; P. Kueh, Sarawak Shell Berhad; and E. Lim, Baker Hughes - SSI
- 133354 Design Optimisation of Slotted Liner Completions in Horizontal Wells of Mumbai High Field**
A. Kumar and A.K. Srivastava, Oil & Natural Gas Corp. Ltd.; and R. Kumar, Schlumberger DCS

Monday, 1 November, 1400 to 1530 hours

Halong Room

Session 3: Case Histories

Session Chairpersons:

See Hong Ong, GeoMechanics Intl.

Guillaume Plessis, NOV Grant Prideco

IADC/SPE

136246 Exploration and Field Development Planning Based on Hydraulic Fracturing of Tight Oil Sands, Offshore Vietnam
Z.B. Awang Mohamed, PETRONAS Carigali Sdn. Bhd.

136303 Practical Uses of Swell Packer Technology to Reduce Water Cut: Case Histories from the Middle East
P.E. Smith, Easywell (Halliburton); and T. Jorgensen, Halliburton Co.

132010 Sophisticated ROP Prediction Technology Based on Neural Network Delivers Accurate Results
D.P. Moran and A. Purwanto, SMITH; and H. Ibrahim, Texas A&M U.

134179 Learnings from Mapping Drilling Losses in the Champion Field and the Effective Use of Student Resources
B.J. Seldon, Brunei Shell Petroleum

Posters

131971 Successful Re-entry in a Challenging Drilling Environment: A Case Study
A.G.N. Shar, S.A. Qureshi and M. Arif, Dewan Petroleum Pvt. Ltd.

135651 A Memory Cross Dipole Sonic Logging Tool and its Conveyance in Challenging Wells
P.J. Williams, Weatherford UK Ltd.; P.A. Elkington, T. Mayor and D. Eccles, Weatherford; and D.L. Long, Precision Energy Services

135583 Optimized Cluster Directional Drilling Technology Achieves Great Success in the Low-Permeability Gas Field in Ordos Basin, West China
R. Cheng, H. Wang, F. Zhang, Z. Chen and Y. Ge, CNPC Drilling Research Inst.; and G.X. Yang, China U. of Petroleum (East China)

Monday, 1 November, 1600 to 1730 hours

VIP 3 & VIP 4 Rooms

Session 4: Stimulation, Perforation and Sand Control

Session Chairpersons:

Mark Rivenbark, Packers Plus

Ou Kwang Kwon, Korea National Oil Corp.

IADC/SPE

133993 Innovative Sand Control Well Completions Successfully Address Sand Production in the Mature Offshore Magpie Field
V.A. Paderin, R.A. Jansen and E. Moes, Brunei Shell Petroleum Sdn. Bhd.; R. Ali, B. Chay, Halliburton; and D.T. Mok, Halliburton Energy Services Sdn. Bhd.

133926 Crosslinked Acid as an Effective Diversion Agent in Matrix Acidising

M.H. Fasa, M. Runtuwene, F.D. Rachmawati and M. Wijanarko, MedcoEnergi PT. ; A. Kadarsyah, Job Pertamina - Medco; and N. Komalasari and N. Gurnito, Halliburton

136066 Using Hydrjet Perforating Technique as an Effective Alternative to Explosive Perforating for Algerian Oil and Gas Fields
K. Kritsanaphak, Halliburton Energy Services Group; S. Tirichine and M.L. Abed, Halliburton Energy Services, Inc. Algeria

132689 History Model for Sand Production during Depletion
B.S. Aadnoy and E. Kaarstad, U. of Stavanger

Poster

130219 Non-Uniform Slotted Liner Completion, a New Approach to Obtain Uniform Production Profile along Horizontal Wells
M. Mohammadsalehi, National Iranian Oil Co.; M. Asef, Tarbiat Moallem U.; and S. Goodarzian, Petroleum U. of Technology Iran

Monday, 1 November, 1600 to 1730 hours

Saigon & Dalat Rooms

Session 5: Unconventional Resources

Session Chairperson:

Binh Nguyen, ConocoPhillips

IADC/SPE

132813 Blocked Isocyanate Fluid System for Water Shut Off Application
S.R. Mohd Shafian, PETRONAS Research Sdn. Bhd.; A.B. Hassan, PETRONAS; and S. Ismail and L. Kong Teng Schlumberger

134957 Well Design Specificities for Shallow Gas Production of Tunu Field
S. Oumer, H. Taufiqurrachman, M. Perruchot and F. Yunus, Total E&P Indonesié

135664 Successful Hydrofracturing Leads to Opening of New Frontiers in Shale Gas Production in the Cambay Basin in Gujarat, India
P. Pankaj, R. Venkateshwaran, P. Susanta, Schlumberger; and S.S. Sharma, P.K. Kulkarni and A. Kumar, Joshi Technologies Intl.

135865 Openhole Stability and Solids Production Simulation of Emerging Gas Shales using Anisotropic Thick Wall Cylinders
S. Hoang, U. of Oklahoma; Y. Abousleiman, Poromechanics Inst., U. of Oklahoma

Monday, 1 November, 1600 to 1730 hours

Halong Room

Session 6: Drill Bits

Session Chairperson:

Derren Simpson, Tendeka BV

IADC/SPE

- 136108 Casing while Drilling (CwD); A New Approach Drilling Fiqa Shale in Oman. A Success Story**
S. Houqani, Petroleum Development Corp.; D. Hinai, Y. Nabhani, S. Maimani, Petroleum Development Oman; M. Cruz, Baker Hughes Christensen; and M. Turki, Tesco Corp.
- 132145 New Cutter Technology for Faster Drilling in Hard/Abrasive Formations**
B. Plemons, Anadarko Petroleum; C.H. Douglas, Smith Bits; Y. Shen, J. Zhang, Smith Intl. Inc.; and G. Zhan, Smith Technologies
- 132779 The First 16-in. PDC Bit and RSS Application in Vietnam**
M.V. Vu, Hoang Long & Hoan Vu Joint Operating Co.
- 132916 High Shear Rollercone Technology: Radical New Design Incorporates Drag Bit Fundamentals**
P.K. Centala, Smith Intl. Inc.

Tuesday, 2 November, 0830 to 1000 hours**VIP 3 & VIP 4 Rooms****Session 7: Directional and Extended Reach Drilling I****Session Chairpersons:**

Tusher Mukherjee, Saudi Aramco
Michael Bugni, Schlumberger Vietnam Services

IADC/SPE

- 135910 Gyro while Drilling Technology - Solution for Directional Top Hole Drilling**
R.V. Kasumov, Schlumberger; and T.V. Kasumov, Sakhalin Energy Investment Co. Ltd.
- 136267 A Robust Torque & Drag Analysis for ERD Wells; Areas of Applications and Models Calibration**
S. Mirhajmohammadabadi, B.S. Aadnoy and E. Kaarstad, U. of Stavanger
- 134150 Introduction of a New Logging while Drilling Resistivity Tool in the Liaoning Province of China**
J.D. Lee, GE Energy Oilfield Technology; and Z.G. Zhang, Liaohe Wireline Logging Co.
- 135811 Application and Promising Future of Sonic LWD Tools in Vietnam Offshore Drilling**
V.A. Quach, V.K. Vo, Schlumberger; and A.V. Dinh, Schlumberger Oilfield Services

Posters

- 133918 Thin Oil Columns Horizontal Wells Optimisation through Advance Well Placement Application in West China**
P.M. Halomoan, B. Yang, M. Zou, Y. Liu, T. Lee, Schlumberger; and M. Xin, D.H. Lin, and L. Qing, PetroChina

- 134306 Numerical Simulation on Three Layer Dynamic Cutting Transport Model and its Application on Extended Reach Drilling**
X. Hao, Z. Wang and X. Guo, China U. of Petroleum Beijing

Tuesday, 2 November, 0830 to 1000 hours**Saigon & Dalat Rooms****Session 8: Intervention, Control and Well Studies****Session Chairpersons:**

Basker Murugappan, DongEnergy SA
Kok Seng Foo, Keppel Offshore Marine Ltd.

IADC/SPE

- 136514 Permanent Optical Reservoir Monitoring System for Basement Fractured Granite**
B.J. Gedge, Weatherford Vietnam LLC; and W. Tham, Weatherford
- 134640 Extending the Life of Mature Oil Field by Converting Gas Wells into Oil Wells**
H. Wismayandi and H. Setyawan, TOTAL E&P Indonesié
- 136196 Long-term Comparison of Production Results from Open Hole and Cemented Multi-Stage Completions in the Barnett Shale**
D. Snyder, C.R. Anderson and R.A. Seale, Packers Plus Energy Services; and D.S. Lohoefer, Eagle Oil & Gas Co.
- 134105 Flow Profiling and Completion Leak Detection with Memory Production and Corrosion Logging Tools in High Profile Gas Condensate Wells: Case History from Southeastern Bolivia**
I. Foianini, Halliburton Latin America

Poster

- 130868 Comparing Wireline Formation Tester Derived Productivity Index to Drill Stem Test**
C.K. Khong and L. Chen, Schlumberger

Tuesday, 2 November, 0830 to 1000 hours**Halong Room****Session 9: HSE and Management****Session Chairpersons:**

Fredric Young, Dalma Energy & Co. LLC
Jeremy Ogg, National Oilwell Varco

IADC/SPE

- 132504 Effective HSE Management System in the Southern Area Production Engineering Department in Saudi Aramco: A Key Factor for Admirable Generations and Oil Operations.**
H.I. Al Shuwaikhat, Saudi Aramco
- 136296 Real Time Data Management and Information Transfer as an Effective Drilling Technique**
J.N. Asker, National Oilwell Varco

135907 Application of Intelligent Systems to Ensure Integrity throughout Entire Well Life Cycle

C. Stuart, J. Fu and S.Z. Foo, Stuart Wright Pte Ltd

135422 Advanced Random Sampling Modeling System Accurately Predicts Future Activity, Optimises Inventory Management

C. Perez, PEMEX; J. Ardila, Smith Intl.; and M. Bagajewicz, U. of Oklahoma

Tuesday, 2 November, 1030 to 1200 hours

Saigon & Dalat Rooms

Panel Session 1: "Maximising Profitability through Synergies of Innovations and Resources"

Session Chairpersons:

Todd Gilmore, Premier Oil Vietnam Offshore B.V.

John Harris, Consultant.

Panelists:

- **Graeme Dawson**, Drilling Engineering Manager, East Asia, D&M, Schlumberger
- **Nicholas Gee**, Group Vice President, Completion and Production, Weatherford Intl. Ltd.
- **Tim Hanson**, Global Drilling Manager, Premier Oil Plc.
- **George Ling**, General Manager Chengbei, Shell China
- **Richard Ward**, President Middle East, Asia Pacific, Baker Hughes

This panel discussion focuses on the engineering, implementation and delivery of efficient well construction projects to enable maximum productivity. Applying the best combination of resources and technology for the given project is essential to maximise profitability. A commercially successful project relies on striking the balance between often scarce resources and the right technology.

The panelists have been chosen from organisations that deliver and use the latest technologies and apply innovative management in their projects. This is increasingly difficult in the current environment due to the scarcity of knowledgeable experienced resources within both the service and customer organisations.

Repeated cycles of boom and slump in our industry have presented significant obstacles to maintaining an experienced workforce. This, in turn, has increased the challenges associated with taking full advantage of some of the latest technologies to their best potential. Sufficient technical knowledge of all staff is essential for choosing the most applicable technologies to be applied within a project.

An organisation's economic success is dependant upon implementation of a sound continuous improvement processes, capture of lessons learned, technology dissemination, training, development and technical competency assessment.

The panelists will provide some examples of economically successful well construction projects. They will discuss issues which lead to the success; staff competency, assessing and utilising emerging technology, training and

mentoring, talent attraction and retention as well as the management processes that were used.

Tuesday, 2 November, 1030 to 1200 hours

VIP 3 & VIP 4 Rooms

Session 10: Cementing / Zonal Isolation

Session Chairpersons:

Guillaume Plessis, NOV Grant Prideco

Martin Park, Weatherford

IADC/SPE

136276 Technically and Economically Improved Cementing System with Sustainable Components

A. Brandl, BJ Services Co.

135183 Development of a Drilling Expert System for Designing and Applying Successful Cement Jobs

A.S. Al-Yami and J. Schubert, Texas A&M U.

133687 Plug Indicator System Prevents Calculated Volume Errors during Subsea Casing Primary Cementing Operations

R. Caldwell, Weatherford

134422 Pushing Portland Cement beyond the Norm of Extreme High Temperature

D.R. Doherty, BJ Services Co.

Tuesday, 2 November, 1330 to 1500 hours

VIP 3 & VIP 4 Rooms

Session 11: Directional and Extended Reach Drilling II

Session Chairpersons:

Michael Bugni, Schlumberger Vietnam Services

Todd Gilmore, Premier Oil Vietnam Offshore B.V.

IADC/SPE

135180 Open-Hole Sidetracking: One Trip Whipstock System Increases Operational Efficiency, Southern Mexico

C. Perez, PEMEX; J. Ardila, Smith Intl.; and J. Columba, Smith Drilling & Evaluation

135846 Drilling on Target with VSP Lookahead Technique in Deepwater India Exploratory Environment

T.K. Lim, Schlumberger Asia Services Ltd; R.K. Rana, K.M. Sundaram and R.K. Dutta, Oil & Natural Gas Corp. Ltd.

136435 Surveying through Magnetised Rock

R. Lowdon, Schlumberger

128648 Drilling a challenging HPHT well utilising and advanced ECD Management System with Decision Support and Real Time Simulations

R. Rommetveit, S.I. Odegard and C. Nordstrand; eDrilling Solutions; K. BJORKEVOLL, P. Cerasi and H.M. Helset; SINTEF Petroleum Research; M. Fjeldheim and S.T. Havardstein; Total E&P Norge

Posters

- 133153 Utilisation of Rotary Steerable Technology for Field Development and Drilling Shallow-TVD Horizontal Wells**
S.B. Kale, S. Saha, Schlumberger Asia Services Ltd; H.G. Suryadi, Schlumberger; A. Crighton, P.A. Peytchev, A. Upadhyay and B. Govind, Cairn Energy India Pty. Ltd.
- 136304 Estimation of “Very-Difficult-to-Identify” Data for Hole Cleaning, Cuttings Transport and Pressure Drop Estimation in Directional and Horizontal Drilling**
M.E. Ozbayoglu, U. of Tulsa; R. Ettehadi Osgouei, Middle East Technical U.; A. Ozbayoglu and E. Yuksel, TOBB U. of Economics & Technology

Tuesday, 2 November, 1330 to 1500 hours**Saigon & Dalat Rooms****Session 12: Drill Fluid and Cuttings Disposal****Session Chairpersons:**Ronald Bland, Baker Hughes Drilling Fluids
Rolv Rommetveit, eDrilling Solutions**IADC/SPE**

- 132690 Successful KCI Free Highly Inhibitive and Cost Effective WBM Applications, Offshore East Kalimantan, Indonesia**
T. Mukhlis, Total E&P Indonesi ; C. Aldea, M-I SWACO; and B.M. MacKereth, M-I Drilling Fluids Co.
- 135703 Modeling of Hole Cleanout before a Cement Job**
T. Hemphill, Halliburton Energy Services Group
- 133735 A Novel Three-Step Methodology to Optimise Fiber-Based Lost Circulation Pills and Mitigate Risks of Lacking Information about Loss Zones**
S. Kefi, J.C. Lee, N.D. Shindgikar, C. Brunet-Cambus, B. Vidick and N.I. Diaz, Schlumberger
- 135893 The Effects of Low-Permeability Mudcake on Time-Dependent Wellbore Failure Analyses**
M.H. Tran, Y.N. Abousleiman and V.X. Nguyen, U. of Oklahoma

Poster

- 133724 Effect of Permeability Impairment by Suspended Particles on Invasion of Drilling Fluids**
T.V. Tran, F. Civan, U. of Oklahoma; and I.D. Robb, Halliburton Energy Services Group

Tuesday, 2 November, 1530 to 1700 hours**VIP 3 & VIP 4 Rooms****Session 13: HPHT/MPD/CT****Session Chairpersons:**Ben Gedge, Weatherford Vietnam LLC.
Tim Moormans, Hoan Vu Joint Operating Co.**IADC/SPE**

- 135666 The Design and Applications of Snubbing Units for an HP/HT Environment**
S.R. Wehrenberg, Boots & Coots Inc.
- 135859 Improving Surface Hole Foam Drilling Performance in Karstified Limestone in Papua New Guinea**
R.H. Pinkstone, A.I. Ross, Halliburton Co.; A. Zreik and C. Gregory, Oil Search Ltd. ; and C. Leuchtenberg, Managed Pressure Operations LLC.
- 136184 Barge Assisted Coiled Tubing in Malay Basin of South China Sea - Pilot Project Success Story**
M. Abdul Razak, F.M. Noordin, PETRONAS Carigali Sdn. Bhd.; M. Yusoff, Schlumberger; and R. Wibisono, Schlumberger Oilfield Services
- 136513 Advantages of Managed Pressure Drilling and the Recent Deployment of the Technology in Vietnam**
B. Gedge, Weatherford Vietnam LLC; S.W. Nas, Weatherford Solutions Sdn. Bhd.; and V.B. Nguyen, Well Services Ltd.

Posters

- 129507 Fishing Coiled Tubing From a Live Gas-Condensate Well with Coiled Tubing while Under Production**
J.B. Elliott, Halliburton
- 135946 Managed Pressure Drilling and Existing Technologies Evolve to Bring Improvements to Drilling**
R. Lovorn, Halliburton Sperry-Sun Drilling Services; and G. Sutherland and D. Lewis, Halliburton

Tuesday, 2 November, 1530 to 1700 hours**Saigon & Dalat Rooms****Session 14: Completion Design and Implementation****Session Chairpersons:**Bernt Aadnoy, U. of Stavanger
See Hong Ong, GeoMechanics Intl.**IADC/SPE**

- 135861 An Overview of Completion Design for Vietnam Offshore Development Projects**
W.J. Hay, Baker Hughes Inc; B.S. Lim, Schlumberger
- 135661 First Application of Alternate Path Technology and Concentric Sandface Completion Improved Operational Efficiency and Saved Significant Rig Time**
S. Saebi, Schlumberger; M. Elhusseiny, C. Bahri, S.M. Bela and Z. Ibrahim, PETRONAS Carigali Sdn. Bhd.
- 134496 Challenging Global Capillary Applications for Enhanced Production**
B.A. Pate and R. Stanley, BJ Services Co.

136300 Ensuring Success on an Extended Reach Well: Expandable Liner Hangers and the Use of Advanced Software Modeling
J.W. Williford, A. Wardak and A. Walker, Halliburton Energy Services Group; and F. Nughaimish, Saudi Aramco

Posters

136163 Completion Material Selection for Small Size HPHT Sour Gas Field Development in Indonesia : Case Study
D. Pleshkov, Schlumberger; and G. Purwagautama and R. Andika, PT Medco E&P Indonesia

Wednesday, 3 November, 0830 to 1000 hours

VIP 3 & VIP 4 Rooms

Session 15: Drilling Problems and Solutions

Session Chairpersons:

Ronald Bland, Baker Hughes Drilling Fluids
Asif Khan, OMV Pakistan Exploration

IADC/SPE

131673 Maturation of Solid Expandable Tubulars Increases Reliability and Application Realm

K. Mitrushi, Enventure Global Technology

135860 Using Mud-Logging Data to Prevent Drilling Problem when Approaching Top of Granite Basement in Cuulong Basin - Offshore Vietnam

P.T. Nguyen, C.V. Luong, C. Le and D. Han, PetroVietnam Drilling

135905 Design of "Anti Surge" Methodology to Mitigate Severe Loss Circulation while Running Non Conventional Casing / Liner Sizes to Isolate Salt and Clay Domes in Deep Wells in Mexico South

S.H. Orellan, R. May, H. Bedino, N. Atencio, L.O. Diaz, Schlumberger; and A. Martinez, M-I SWACO - Mexico

134217 Drilling of Middle-Eastern Reservoir Carbonate Rocks by High Power CO₂ Laser

R. Ashena, J. Moghadasi and R. Ashena, Petroleum U. of Tech Iran

Posters

132729 Case History of Successful Underground Flow Control in Persian Gulf Field
A. Roohi, H. Bahmani and M. Makvandi, National Iranian Drilling Co.

134838 A Geomechanical Approach to Enhancing Well Design and Increasing Drilling Performance in the Xinjiang Yongjin Oil Field, China

Y. Zhou, H. He, J. You, GNT-Intl.; and S. Wang, China U. of Petroleum Beijing

Wednesday, 3 November, 0830 to 1000 hours

Saigon & Dalat Rooms

Session 16: Wellbore Stability

Session Chairpersons:

See Hong Ong, GeoMechanics Intl.
Tim Moormans, Hoan Vu Joint Operating Co.

IADC/SPE

135642 Effect of Material Model on Well Fracturing and Collapse Pressures

P. Nawrocki, Petroleum Inst.

135894 A New Model for Wellbore Stability and Stress Prediction in Underbalanced Wells

D. Moos, J. Trotta, T. Finkbeiner, M. Brudy, P. Peska, GeoMechanics Intl. ; and S.V. Perumalla, Baker Hughes Inc

135904 Real-Time Wellbore-Drilling Instability in Fractured Rock Formations with Field Case Applications

V.X. Nguyen, U. of Oklahoma; and Y. Abousleiman, Poromechanics Inst., U. of Oklahoma

135737 In situ Stress and Rock Strength in Rang Dong Field - Off Shore Vietnam - Implications for Drilling in Basement Rocks

W.L. Power, D.A. Castillo, M. Magee, K. Burgdorff, GeoMechanics Intl.; T. Sano and O.K. Chai, Japan Vietnam Petroleum Co., Ltd.

Posters

134003 Limitation of Velocity-Effective Stress Relationships for Pore Pressure Prediction, Implications for Wellbore Stability Analysis

A. Khaksar, Baker RDS Ltd.

136213 Numerical Wellbore Stability Analysis Using Discrete Element Models (DEM) to Investigate about Effects of Fractures, Mud Cyclic Loadings and stress regimes in a Gas Reservoir.

E. Jamshidi

Wednesday, 3 November, 1030 to 1200 hours

Saigon & Dalat Rooms

Panel Session 2: "A Step Change in Applying Technology : Managed Pressure Drilling – Underbalanced Drilling – Fracture Basement Well Testing"

Session Chairpersons:

Ben Gedge, Weatherford Vietnam LLC.
Rosli Hamzah, PETRONAS Carigali Sdn. Bhd.

Panelists

- **Ray Bullock**, GeoBalance Senior Technical Advisor, Europe/Eurasia, Halliburton
- **Paul Francis**, Business Development Manager, At Balance
- **Pierre-David Maizeret**, Reservoir Manager, Schlumberger Vietnam
- **Steve Nas**, Engineering Manager, Weatherford
- **Minh Vu Van**, Senior Drilling Engineer, Hoan Vu Joint Operating Co.

Underbalanced drilling has been utilised to address a range of drilling and formation damaged problems around the world, for more than fifteen years. In Asia Pacific Managed Pressure Drilling has come very much to the fore more recently, to address drilling challenges, especially over the last five to seven years.

POSTER SESSION

Managed Pressure Drilling (MPD) is a technology that accurately controls the annular pressure while drilling and completing wells.

Underbalanced Drilling induces a reduction in overbalance of the formation being drilled, to a point where influx into the well bore is achieved and flow conditions may prevail. The intention of MPD is to avoid continuous influx of formation fluids to the surface. Any influx incidental to the operation will be bled off and over balanced conditions quickly restored.

MPD can be used to dramatically reduce well construction time, which in today's high rig rate market is appealing to any exploration, appraisal and field development team. The technology can, to a greater or lesser extent, reduce and virtually eliminate drilling fluid related formation impairment, and can dramatically reduce the high cost of mud loss, and NPT created by kick control. UBD and MPD can also deliver information that can be used to optimise well designs, and field development plans to reduce well numbers required to achieve similar recovery efficiencies.

MPD technology is now deployed extensively in the Asia-Pacific Region by many operators, to solve and alleviate a range of drilling problems. The countries include Australia, Brunei, China, Indonesia, Malaysia, Myanmar, New Zealand, and Vietnam. The applications include kick/loss situations, HPHT, Constant Bottom Hole Pressure requirements and well control.

The panel discussion will examine all aspects of underbalanced and managed pressure drilling including the value delivered and the technology applied.

This will be coupled with optimal equipment designs for each value application. The panel will also include discussions on optimising operational plans to the various equipment designs. Case studies will be used to quantify value delivery for a range of equipment designs, and to better define operational issues for discussion of optimisation opportunities.

The poster session will be held at the Pre-Function Foyer, Level 2 of the Sheraton Saigon Hotel & Towers. Posters will be on display during the conference and presented during **1500-1600 hours on Monday, 1 November 2010**. Conference delegates are encouraged to attend the Poster Session presentation. The presentation will allow delegates to meet the authors of the poster displays and provide an opportunity to discuss some of the latest drilling developments in the oil and gas industry.

SPE

- 129507 Fishing Coiled Tubing From a Live Gas-Condensate Well with Coiled Tubing While Under Production**
J.B. Elliott, Halliburton
- 130219 Non-Uniform Slotted Liner Completion, a New Approach to Obtain Uniform Production Profile along Horizontal Wells**
M. Mohammadsalehi, National Iranian Oil Co.; M. Asef, Tarbiat Moallem U.; and S. Goodarzian, Petroleum U. of Technology Iran
- 130868 Comparing Wireline Formation Tester Derived Productivity Index to Drill Stem Test**
C.K. Khong and L. Chen, Schlumberger
- 131971 Successful Re-Entry in a Challenging Drilling Environment: A Case Study**
A.G.N. Shar, S.A. Qureshi and M. Arif, Dewan Petroleum Pvt. Ltd.
- 132729 Case History of Successful Underground Flow Control in Persian Gulf Field**
A. Roohi, H. Bahmani and M. Makvandi, National Iranian Drilling Co.
- 132916 High Shear Rollercone Technology: Radical New Design Incorporates Drag Bit Fundamentals**
P.K. Centala, Smith Intl. Inc.
- 133153 Utilisation of Rotary Steerable Technology for Field Development and Drilling Shallow-TVD Horizontal Wells**
S.B. Kale, S. Saha, Schlumberger Asia Services Ltd; H.G. Suryadi, Schlumberger; A. Crighton, P.A. Peytchev, A. Upadhyay and B. Govind, Cairn Energy India Pty. Ltd.
- 133354 Design Optimisation of Slotted Liner Completions in Horizontal Wells of Mumbai High Field**
A. Kumar and A.K. Srivastava, Oil & Natural Gas Corp. Ltd.; and R. Kumar, Schlumberger DCS
- 133625 Automated Driller System (ADS) Application for Nuansa-1 Exploration Well Drilling**
S. Rachman, MEDCO E&P Indonesia; and H. Nugroho, PT Exspan Nusantara

- 133724 Effect of Permeability Impairment by Suspended Particles on Invasion of Drilling Fluids**
T.V. Tran, F. Civan, U. of Oklahoma; and I.D. Robb, Halliburton Energy Services Group
- 133859 Sustaining Value Using Thermal Treatment of Drill Cuttings**
D. Pierce, Brandt-NOV; and K. Sorenson, National Oilwell Varco
- 133918 Thin Oil Columns Horizontal Wells Optimisation through Advance Well Placement Application in West China**
P.M. Halomoan, B. Yang, M. Zou, Y. Liu, T. Lee, Schlumberger; and M. Xin, D.H. Lin, and L. Qing, PetroChina
- 134003 Limitation of Velocity-Effective Stress Relationships for Pore Pressure Prediction, Implications for Wellbore Stability Analysis**
A. Khaksar, Baker RDS Ltd.
- 134105 Flow Profiling and Completion Leak Detection with Memory Production and Corrosion Logging Tools in High Profile Gas Condensate Wells: Case History from Southeastern Bolivia**
I. Foianini, Halliburton Latin America
- 134306 Numerical Simulation on Three Layer Dynamic Cutting Transport Model and its Application on Extended Reach Drilling**
X. Hao, Z. Wang and X. Guo, China U. of Petroleum Beijing
- 134422 Pushing Portland Cement beyond the Norm of Extreme High Temperature**
D.R. Doherty, BJ Services Co.
- 134838 A Geomechanical Approach to Enhancing Well Design and Increasing Drilling Performance in the Xinjiang Yongjin Oil Field, China**
Y. Zhou, H. He, J. You, GNT-Intl.; and S. Wang, China U. of Petroleum Beijing
- 135583 Optimised Cluster Directional Drilling Technology Achieves Great Success in the Low-Permeability Gas Field in Ordos Basin, West China**
R. Cheng, H. Wang, F. Zhang, Z. Chen and Y. Ge, CNPC Drilling Inst.; and G.X. Yang, China U. of Petroleum (East China)
- 135651 A Memory Cross Dipole Sonic Logging Tool and its Conveyance in Challenging Wells**
P.J. Williams, Weatherford UK Ltd.; P.A. Elkington, T. Mayor and D. Eccles, Weatherford; and D.L. Long, Precision Energy Services
- 135664 Successful Hydrofracturing Leads to Opening of New Frontiers in Shale Gas Production in the Cambay Basin in Gujarat, India**
P. Pankaj, R. Venkateshwaran, P. Susanta, Schlumberger; and S.S. Sharma, P.K. Kulkarni and A. Kumar, Joshi Technologies Intl.
- 135865 Openhole Stability and Solids Production Simulation of Emerging Gas Shales Using Anisotropic Thick Wall Cylinders**
S. Hoang, U. of Oklahoma; Y. Abousleiman, Poromechanics Inst., U. of Oklahoma
- 135946 Managed Pressure Drilling and Existing Technologies Evolve to Bring Improvements to Drilling**
R. Lovorn, Halliburton Sperry-Sun Drilling Services; and G. Sutherland and D. Lewis, Halliburton
- 136163 Completion Material Selection for Small Size HPHT Sour Gas Field Development in Indonesia : Case Study**
D. Pleshkov, Schlumberger; and G. Purwagautama and R. Andika, PT Medco E&P Indonesia
- 136213 Numerical Wellbore Stability Analysis Using Discrete Element Models (DEM) to Investigate about Effects of Fractures, Mud Cyclic Loadings and stress regimes in a Gas Reservoir**
E. Jamshidi
- 136281 Recompletion of a Horizontal Water Injector Well Purely on E-line Made Feasible and Viable with Wireline Tractor Technology**
F. Lam, Welltec; P. Kueh, Sarawak Shell Berhad; and E. Lim, Baker Hughes - SSI
- 136300 Ensuring Success on an Extended Reach Well: Expandable Liner Hangers and the Use of Advanced Software Modeling**
J.W. Williford, A. Wardak and A. Walker, Halliburton Energy Services Group; and F. Nughamish, Saudi Aramco
- 136304 Estimation of "Very-Difficult-to-Identify" Data for Hole Cleaning, Cuttings Transport and Pressure Drop Estimation in Directional and Horizontal Drilling**
M.E. Ozbayoglu, U. of Tulsa; R. Etehad Osgouei, Middle East Technical U.; A. Ozbayoglu and E. Yuksel, TOBB U. of Economics & Technology

YOUNG PROFESSIONALS WORKSHOP

“Diversity and Challenges for Young Professionals in the Next Decade”

0800 - 1400 hours • Sunday, 31 October 2010

As many Young Professionals are being placed with a higher level of responsibility in the industry, a greater emphasis is being put on young employees to step into challenging technical and managerial roles. Equally important, the Young Professionals have the responsibility to be proactively involved with the leadership development process and to be creative and innovative in order to meet the challenge. To help address this issue, the Young Professionals Workshop is designed for graduates and young professionals in the oil and gas industry under the age of 35 years or with less than 10 years industry experience in any technical discipline. Industry executives and young professionals will have the opportunity to engage in discussions about the future directions for young professionals in the oil and gas industry, and to address issues of importance to them.

This year speakers will include:

- **Alain Labastie**, 2011 SPE President
- **Anthony Huynh Bui**, Petroleum Engineering Manager, Chevron Vietnam
- **Tran Hong Nam**, Deputy General Manager, Bien Dong POC

For further information, please contact the Workshop Co-ordinators, Tran Thai Son, Email: sonnt@lamsonjoc.com ; Bao Uyen Luong, Email: Uyen.Luong@halliburton.com or Shamalla Mahadevan, SPE Member Services Coordinator, Tel: 60.3.2288.1233, Fax: 60.3.2282.1220, Email: smahadevan@spe.org.

EXHIBITION

Additions after 1 August 2010 will be reflected in the Conference On-Site Programme

American Directional Drill

Boots & Coots Singapore Pte. Ltd.

Chevron

Hardbanding Solutions by Postle Industries

M-I Swaco

National Oilwell Varco

petroEDGE A Division of asiaEDGE

PetroVietnam Drilling & Well Services Corp.

TAM International Asia Pacific Pty. Ltd.

T H Hill Associates, Inc.

Weatherford

Welltec

Wild Well Control

SPONSORSHIP OPPORTUNITIES

Sponsorship of the various conference catering, social functions and items benefits both the conference and the sponsoring company in many ways. Depending on the level of sponsorship, complimentary delegate registration will be provided for company representatives. Becoming involved in the conference's sponsorship programme is a sure way to receive recognition and establish your organisation's presence at this prestigious conference.

Minimum sponsorship is US\$1,000 and includes full recognition in conference programmes as well as acknowledgements at the conference. For additional information, please contact the SPE Asia Pacific Office (Kuala Lumpur) by telephone +60.3.2288.1233, facsimile +60.3.2282.1220 or e-mail: jvaldes@spe.org

GENERAL INFORMATION

ADVANCE REGISTRATION

- Register by 27 September 2010 and save!

To advance register, please complete and return the Advance Registration Form included in this brochure. Advance registration deadline is **11 October 2010**. Payment on advance registration should be mailed to the SPE Asia Pacific Office (Kuala Lumpur) as indicated on the form, or fax your completed registration form with credit card information to SPE Asia Pacific Office (Kuala Lumpur), facsimile: +60.3.2284.9220. To submit your registration on-line, please go to SPE web site at www.spe.org (**For credit card registration only**).

Conference materials and badges will not be mailed in advance, but should be collected at the Conference Registration Desk, Pre-Function Foyer, Level 2, Sheraton Saigon Hotel & Towers during the registration hours.

REGISTRATION PAYMENT

Advance registration payment can be made by:

1. U.S. Dollar cheque or Money Order payable to Society of Petroleum Engineers.
2. For wire transfer information, please contact SPE Asia Pacific Office (Kuala Lumpur). E-mail: <spekl@spe.org> or Tel: +60.3.2288.1233.
3. Credit card payment will be in US Dollars only: American Express, Diners Club, MasterCard, and VISA.

ON-SITE REGISTRATION

Delegates may register on-site at the Conference Registration Desk, Pre-Function Foyer, Level 2, Sheraton Saigon Hotel & Towers, during the following registration hours:

Sunday, 31 October	1500-1730 hours
Monday, 1 November	0730-1800 hours
Tuesday, 2 November	0730-1800 hours
Wednesday, 3 November	0730-1400 hours

REGISTRATION PACKAGE AND FEE

Full Conference Registration Fee includes: admission to all technical sessions and exhibition; one conference CD-ROM *Proceedings*, daily luncheons, welcome reception and coffee/tea breaks.

	Early Bird Registration (By 27 September)	Standard Registration
IADC/SPE Member	US\$825	US\$925
Nonmember	US\$925	US\$1,025
Author / Committee / Session Chairperson	US\$775	US\$875

One-Day Registration Fee includes: admission to exhibition and all technical sessions; luncheon and coffee breaks for that day only.

	Early Bird Registration (By 27 September)	Standard Registration
IADC/SPE Member	US\$300	US\$350
Nonmember	US\$350	US\$400

Students: Registration for technical sessions and exhibition is **complimentary** for full time students. Student registration does not include CD-ROM *Proceedings* or any function tickets.

Visitor Registration Fee: US\$45 on/before 27 September, US\$50 after 27 September, includes admission to exhibition and coffee breaks for that day only.

REFUND DEADLINE

Cancellations must be received in writing by the SPE Asia Pacific Office (Kuala Lumpur), address shown on the Advance Registration Form no later than **11 October 2010**, to receive a refund less US\$150 processing fee. No refunds will be accepted after this date. Substitutions will be accepted.

CONFERENCE PROCEEDINGS

Full conference advance registration guarantees one CD-ROM *Proceedings* and is available for collection at the Conference Registration Desk. Additional CD-ROM *Proceedings* may be pre-ordered on the Advance Registration Form or purchased during registration hours at the conference for US\$100 member and US\$150 nonmember.

AGE RESTRICTIONS TO EXHIBIT HALL

No one under the age of 15 is permitted in the Exhibit Hall during official show hours.

HOTEL ACCOMMODATION

Hotel accommodation can be reserved at the Sheraton Saigon Hotel & Towers, where a room block with a "special rate" is being held for 2010 APDT conference delegates. Please send the completed Hotel Booking Form included in this brochure to the hotel to ensure your hotel accommodation during the conference.

The Sheraton Saigon Hotel & Towers is located in the heart of Ho Chi Minh City's vibrant business and entertainment district. The hotel offers top-end spa and fitness resources as well as tour-booking services to iconic areas such as the Mekong Delta and Cu Chi Tunnels. Local attractions in the vicinity include the Opera House and Reunification Palace. Bargains at the Ben Thanh markets, and boutique shopping on the famous Dong Khoi Street can also be found.

IMMIGRATION/VISA

Visitors to Vietnam must be in possession of passports valid for at least six (6) months with proof of onward passage, either return or through tickets. Visitors must hold a visa issued by the Vietnamese Embassy/Consulate prior to departure from their home countries. An invitation letter to facilitate the application of visa will be issued to attendees upon request. Download the Visa Invitation Request Form at <http://www.spe.org/events/apdt/pages/general/visa.php>. It is the sole responsibility of the attendee to obtain the necessary paperwork for entry to Vietnam. The invitation letter does not guarantee that you will be granted a visa. To receive an invitation letter by mail or fax, you must first register for the conference.

Please check with your travel agent or the Vietnamese Embassy or Consulate on regulations relating to immigration/visa for entry to Vietnam before your departure or visit <http://www.vietnam-immigration.org> for further information.

AIRPORT TRANSPORTATION

The **Ho Chi Minh City Airport** is approximately 30 minutes by road from the **Sheraton Saigon Hotel & Towers**. Ground transportation is available by taxi or by hotel limousine.

SOCIAL ACTIVITIES

WELCOME RECEPTION

Ballroom 1 & Grand Ballroom Foyer, Level 3, Sheraton Saigon Hotel & Towers

Monday, 1 November, 2010 • 1800-1930 hrs

Cost: Free for full conference registrants

US\$55 for 1-day and non registrants

Come network and socialise at the welcome reception being held for all full conference delegates at 1800 hours on Monday, 1 November, on the exhibit floor of the Sheraton Saigon Hotel & Towers. Get acquainted with others in the industry while you enjoy beverages and canapés in a relaxed business/social atmosphere.

The cost of the reception is included in the full conference registration fee; additional tickets for spouse or guests are available at US\$55 per person.

GOLF TOURNAMENT

(Organised by Vietnam Petroleum Golf Club - VPGC)

Song Be Golf Resort

Sunday, 31 October, 2010 • 0630 Hours Tee Off

Cost: \$170.00

<http://songbegolf.com/main/>



Well known for being the first international standard championship course in Vietnam and one of the most challenging and stimulating in the country, Song Be Golf Resort has been gently crafted out of the beautiful landscape and features numerous lakes, tree lined fairways and subtle undulating greens. The 27-hole course is officially rated in accordance with the USGA/SGA (United States Golfers Association) requirements. The three (3) golf courses with various difficulties are a challenge for golfers at any levels.

The special guests in this event will be the VIP from Petrovietnam (PVN), PV Gas, PV Power, PVEP, PTSC, PVD and guests from government offices.

The tee-off time is 0630 hrs, and the cost includes green fee, caddy fee, breakfast and lunch. Transportation will be available to and from the Sheraton Hotel ONLY (depart at 0500 hrs) to the golf resort. Entry is limited to 144 players on a first come first served basis. Those who wish to participate in this event are advised to register early to avoid disappointment

Please contact the organisers listed below for additional information, and make your reservation by completing the appropriate section on the Advance Registration Form and forward to the SPE Asia Pacific Office (Kuala Lumpur)

Vien X. Nong

Mobile No. 84.903817331

Email: vien.nong@pvdrilling.com.vn

Thanh T. Nguyen

Mobile No. 84.903333045

Email: thanhnt1@pvpep.com.vn

Patrick Kelly

Mobile No. 84.903001403

Email: patrickkx@pvdrilling.com.vn

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A Dictionary for the Oil and Gas Industry, 1st Ed.

This dictionary covers almost everything personnel new to the industry might need to know, from abaft to zone. Over 11,000 definitions of terms used in petroleum geology, exploration, drilling, production, pipelining, processing, refining, accounting, and marketing. Also included are the addresses and phone numbers of industry associations and government agencies that have an impact on the industry, a list of common abbreviations, SI units, and a table of metric equivalents. Nearly 500 illustrations! 325 pp. PETEX, 2005.

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Trouble-Free Drilling, Vol. 1

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Advanced Well Control - [SPE Textbook Series, Vol. 10]

By David Watson, Terry Brittenham, and Preston L. Moore

This book addresses all phases of well control, from the design stage of a well through plug and abandonment. The fundamental science underlying the techniques is discussed and, once the foundation has been laid, the practical application of the concepts is covered in detail and demonstrated with example problems. The text is intended for use in training students and young engineers and as a valuable reference for working engineers and supervisors. 2003

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By A.T. Bourgoynne Jr., K.K. Millheim, M.E. Chenevert, and F.S. Young Jr.

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Edited by Otto L. Alcántara Santos

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26 - 29 September — Bali, Indonesia

“Floating LNG”
26 - 29 September — Kota Kinabalu, Malaysia

“Well Integrity - From Construction to Abandonment”
3 - 6 October — Miri, Malaysia

“Enhancing Sand-Free Productivity with Open Hole Sand Control”
10 - 13 November — Penang, Malaysia

“Facilities Integrity”
28 November - 1 December — Penang, Malaysia

“Well Testing for Reservoir Management”
5 - 8 December — Penang, Malaysia

“Managing Contract in E&P”
12 - 15 December — Penang, Malaysia

Asia Pacific Oil & Gas Conference and Exhibition (APOGCE)

“Pushing The Boundaries”
18 - 20 October — Brisbane, Australia

2011

Applied Technology Workshops

“Chemical Flooding - EOR”
16-19 January — Langkawi, Kedah, Malaysia

“Tight Gas”
16-19 January — Perth, Australia

“Well Intervention”
February — Kuching, Sarawak, Malaysia

“Carbon Capture and Sequestration”
13-16 March — Adelaide, Australia

“Managing Naphthenates & Soap Emulsions”
20-23 March — Langkawi, Kedah, Malaysia

“Flow Assurance”
March - Langkawi, Kedah, Malaysia

“Overcoming Difficulties in Conventional & Unconventional Gas Development”
10-13 July — Sapporo, Japan

Forum Series In Asia Pacific (FSAP)

“Sour Gas Fields: Can they be Developed in an Economical and Sustainable Mode?”
8 - 13 May — Bali, Indonesia

Enhanced Oil Recovery Conference

“From Science to Success: More, Faster, Greener, Cheaper”
19-20 July — Kuala Lumpur, Malaysia

Asia Pacific Oil & Gas Conference and Exhibition

“Business and Technology Innovation to Ensure Sustainable Energy”
20-22 September — Jakarta, Indonesia

International Petroleum Technology Conference

15 - 17 November — Bangkok, Thailand

INTERNATIONAL ASSOCIATION OF DRILLING CONTRACTORS

CONFERENCE CALENDAR 2011

South Central Asia Drilling Technology Conference & Exhibition

17-18 January • Mumbai, India

Health, Safety & Environment, & Training Conference & Exhibition

1-2 February • Houston, TX, U.S.A.

SPE/IADC Drilling Conference

1-3 March • Amsterdam, The Netherlands

Drilling HSE Asia Pacific Conference & Exhibition

23-24 March • Singapore

IADC/SPE Managed Pressure and Underbalanced Operations Conference & Exhibition

5-6 April • Denver, CO, U.S.A.

Critical Issues Middle East Conference & Exhibition

10-11 May • Dubai, U.A.E.

Environmental Conference & Exhibition

12-13 May • Trinidad

Drilling Onshore Conference & Exhibition

19 May • Houston, TX, U.S.A.

International Tax Seminar

8-10 June • Austin, TX, U.S.A.

World Drilling 2011 Conference & Exhibition

15-16 June • Copenhagen, Denmark

Well Control Conference of the Americas & Exhibition

25-26 August • San Antonio, TX, U.S.A.

Drilling HSE Europe Conference & Exhibition

28-29 September • Amsterdam, The Netherlands

SPE/ Middle East Drilling Conference & Exhibition

24-26 October • Muscat, Oman

Annual General Meeting

9-11 November • Austin, TX, U.S.A.

Critical Issues Asia Pacific Conference & Exhibition

23-24 November • Kuala Lumpur, Malaysia