

# 2010 Abu Dhabi International Petroleum Exhibition & Conference

Changes/additions after 13 May 2010 may not be reflected

## Session 1

Monday, 1 November, 1530 to 1730 hours

### New Organisational Capabilities

- 138595 **Advanced Collaborative Environments Stay the Course, Transform the Business**  
K. Cernoch, BP
- 138628 **Women in Science and Technology: Engineering a Diverse Future**  
M. Valenzuela, The Dow Chemical Company
- 136658 **Technology Implementation in ADCO**  
M. Laws, T. Attardo, Abu Dhabi Company for Onshore Oil Operations
- 138674 **2010 and Beyond: Managing Talent in the New Age**  
S.H. Qutob, Baker Hughes

### Alternates/Posters

- 137486 **Build a Culture of Trust to Realise the True Value of the Intelligent Energy Organisation**  
C. Davies, Accenture

## Session 2

Monday, 1 November, 1530 to 1730 hours

### Energy Efficiency and Emissions Management

- 137977 **HY Sweet Process: An Improvement in Energy Efficiency**  
V. Shah, I. R. Cadours, C. Weiss, C. Benquet, Total
- 138700 **Produced Water Recycle Reuse at the Oman Mukaizna Oilfield**  
D. Bjorklund, Aquatech International Corporation
- 137373 **Challenges in Design of Post Combustion CO<sub>2</sub> Capture Facilities**  
S. Kumar, O. Zarzour, MASDAR
- 138704 **Techno-Economic Modelling and Conceptual Design Optimisation of CCS Facilities Using Value Engineering and Multi-Objective Stochastic Algorithm**  
M. Mossolly, Technip France

### Alternates/Posters

- 136909 **Optimised Steam and Condensate Systems in Refineries: How to Improve Operational Reliability/Safety and to Decrease Energy/Water Consumption and CO<sub>2</sub> Emissions.**  
R. IVANOV, Armstrong International
- 138724 **Opportunities for Energy Efficiency Enhancements in the Oil and Gas industry Using Waste Heat-Powered Absorption Chillers**  
P. Rodgers, V. Evely, S. Popli, The Petroleum Institute

# 2010 Abu Dhabi International Petroleum Exhibition & Conference

Changes/additions after 13 May 2010 may not be reflected

## Session 3

Monday, 1 November, 1530 to 1730 hours

### Flow Assurance

- 138039 Asphaltene Studies in On-Shore Abu Dhabi Oilfields, Part II: Investigation and Mitigation of Asphaltene Deposition - A Case Study**  
D. Abdallah, A.H. Al-basry, S. Zwolle, Abu Dhabi Company for Onshore Oil Operations;  
M. Grutters, Z. Huo, Shell; A. Stankiewicz, Schlumberger
- 138520 Removing Iron Sulfide Scale: A Novel Approach**  
M.J. Fuller, J. Yap, L.A. Schafer, S.K. Kelkar, Schlumberger
- 137622 Robust Implementation of Corrosion Inhibition Squeeze (CIS) Program Extends the Well Completion Lifetime (Case Study)**  
S. Abdul Samad; O.S. Al Sawadi, N.M. Odeh; M. Afzal, ZADCO

### Alternates/Posters

- 137556 Alternative Methods in Preventing Asphaltene Deposition**  
A. Albannay, T. Masuzawa, C.A. Dabbouk, ZADCO
- 137630 Risk Register and Risk Ranking of Non-Integral Wells**  
S. Abdul Samad, O.S. Al Sawadi, M. Afzal, N. Khan, ZADCO

## Session 4

Monday, 1 November, 1530 to 1730 hours

### Exploration and Reservoir Geology

- 138467 Sequence Stratigraphy of a Giant Middle East Oil Field - Integration of Core, Log and Seismic Data**  
D.A. Lawrence, M.M. Al Ali, V.C. Vahrenkamp, F. Al Shekaili, Y. Yin, Z.A. El Wazir, M.T. Ribeiro, Abu Dhabi Company for Onshore Oil Operations
- 137897 Unconventional Oil Exploration Potential in Early Mature Source Rock Kitchens**  
A.K. Taher, ADNOC
- 137880 New Insight On the Depositional Environment and Facies Atlas of Shuaiba Formation in a Super Giant Carbonate Field in the Middle East.**  
Z.A. El Wazir, V.C. Vahrenkamp, N. Al Madani, F. Al Shekaili, M.A. Al Neaimi, Abu Dhabi Company for Onshore Oil Operations; A. Messisha, A. Bijaripour, Badley Ashton
- 137875 Correlation Of Outcrop, Seismic, Core Plugs and Thin Sections in Cretaceous Carbonate Rocks from Wasia Group in the U.A.E**  
A.H. El Husseiny, S. Vega, S.A. Al Mesaabi, M. Ali, The Petroleum Institute; R. Weger, G.P. Eberli, University of Miami

### Alternates/Posters

- 137894 Geological Overview of the Middle Cretaceous Mishrif Formation in Abu Dhabi**  
A.K. Taher, J. Witte, M.R. Al-Zaabi, I.N. Azzam; J. Witte, Abu Dhabi National Oil Company

# 2010 Abu Dhabi International Petroleum Exhibition & Conference

Changes/additions after 13 May 2010 may not be reflected

## Session 5

Monday, 1 November, 1530 to 1730 hours

### Fractured Reservoirs

- 137276 Natural Fracture Detection, Characterisation and Modelling Using the Event Solution Synergy Approach**  
A.A. Al-Omair, E.A. Elrafie, M.F. Agil, M. Hogg, Saudi Aramco; F. Colomar, Beicip-Franlab
- 136829 Seismic to Simulation Fracture Characterisation of a Green Carbonate Reservoir in Presence of Large Uncertainties**  
D. Astratti, M. M. Faskhoodi, L. Souche, Schlumberger; P. Menegatti, RAK Petroleum
- 137986 A Case Study of Seismic Anisotropy Analysis on MultiAzimuth OBC Seismic Data in an Offshore Carbonate Oilfield, U. A. E.**  
H. Ikawa, Inpex ; G.M. Mercado, Abu Dhabi Marine Operating Company
- 137471 Characterising Fracture Sets at Outcrop Exposures Using High Resolution Remote Sensing Data; Developing a Fracture Model as Input into a Static Geomodel**  
C. Liu, K.A. Soofi, P.H. Hennings, ConocoPhillips Company; T.M. Al Mufti, North Oil Company; A.P. Morris, D. Ferrill, McGinnis, Southwest Research Institute

#### Alternates/Posters

- 138394 Modelling Fractures in Folded Reservoirs**  
A. Gholipour, Senergy
- 136881 Characterisation, Modelling and Simulation of the Fractured Najmah-Sargelu Carbonate Reservoir, Umm Gudair Field, West Kuwait**  
S.A. Matar, D. Singha Ray, A.A. Al-Shamali, Kuwait Oil Company; T. Lemaux, V. Degroen, G. Joussineau, L. Ghilardini, Beicip FranLap

## Session 6

Monday, 1 November, 1530 to 1730 hours

### Bits and Hole Opening

- 134369 Innovative at Bit Concentric Reamer Delivers a High Quality Wellbore to Facilitate Liner Running Operations through a Challenging Well Profile**  
M.R. Greener, ConocoPhillips; G.R. Nelson, D. Courville, R. Graham, Smith International
- 132095 Development and Optimisation of 12-in. PDC Bit for Powered Rotary Steerable Systems in Deep Gas Drilling in Saudi Arabia**  
O.A. Alvarez, M.F. Jamil, B.E. Qattawi, Halliburton; A. Kubaisi, K. Nawaz, Saudi Aramco; J.K. Verma, S. Ganda, Schlumberger
- 136107 Casing While Drilling (CwD): A New Approach Drilling Fiqa Shale in Oman. A Success Story**  
F.J. Sanchez, D. Hinai, Y. Nabhani, LLC; S. Houqani, S. Maimani, Petroleum Development Oman; M. Turki, Tesco Corporation; M. Cruz, Baker Hughes
- 136008 Development and Verification of Real-Time Drill Bit Wear Prediction Module**  
B. Rashidi, G. Hareland, M. Tahmeen, University of Calgary

#### Alternates/Posters

- 138708 First Worldwide Horizontal Run and Eastern Hemisphere Application of an Expandable Reamer and Stabilizer BHA on Troll Field in Norway**  
L. Ulvedal, Statoil; H.D. Evans, S. Gard, O.M. Helland, E. Paulsen, V. Nygaard, M. Mueller, Baker Hughes
- 138730 Exploration Drilling : Successful Combination of Efficient Drilling and Quality Cuttings Recovery: A Micro-Coring Bit Application Achievement**  
B. Deschamps, S.D. Desmette, H. Hahati, Diamant Drilling Services; P. Leclerc, Total

# 2010 Abu Dhabi International Petroleum Exhibition & Conference

Changes/additions after 13 May 2010 may not be reflected

## Session 7

Tuesday, 2 November, 0900 to 1100 hours

### EOR Beyond the Next Decades

- 129692 Demonstration of Low-Salinity EOR at Interwell Scale, Endicott Field, Alaska**  
F.A. Paskvan, J.C. Seccombe, A. Lager, G. Jerauld, B.S. Jhaveri, T.A. Buikema, S. Bassler, J. Denis, K.J. Webb, A.P. Cockin, E. Fueg, BP
- 137689 Twin-Tailed Surfactants for Creating CO<sub>2</sub>-in-Water Macroemulsions for Sweep Enhancement in CO<sub>2</sub>-EOR**  
A. Sanders, Dow Chemical; Q.P. Nguyen, K.P. Johnston, S. Adkins, University of Texas at Austin
- 134685 The Potential Applications in Heavy Oil EOR with the Nano-particle and Surfactant Stabilized Solvent-based Emulsion**  
F. Qiu, Texas A&M University
- 136677 High-Pressure WAG Injection in the Al Shaheen Field, Qatar**  
P. Hood, L.B. Koldig, K. Mogensen, Maersk Oil Qatar

#### Alternates/Posters

- 138135 Research for Microbial Conversion of Residual Oil into Methane in Depleted Oil Fields to Develop New EOR Process**  
H. Maeda, Y. Miyagawa, M. Ikarashi, Inpex Corporation; D. Mayumi, H. Mochimaru, H. Yoshioka, S. Sakata, National Institute of Advanced Industrial Science and Technology; H. Kobayashi, K. Sato, University of Tokyo
- 129967 Results of a Three-Well Waterflood Sweep Improvement Trial in the Prudhoe Bay Field using a Thermally Activated Particle System**  
M.E. Husband, D.S. Ohms, H. Frampton, S.R. Carhart, B.H. Carlson, BP; K. Chang, Nalco Energy Services Division; J. Morgan, Jimtech

## Session 8

Tuesday, 2 November, 0900 to 1100 hours

### Technology to Reduce Environmental Footprint

- 137696 Field Produced Water Biotechnological Cleaning for its Safe Reutilisation**  
A. Valente, Partex Services; O. Grecco, Superbac
- 137616 Turbine Lube Oil Vent System**  
M.M. Bassar, K.M. Qaddoureh, B.A. Al Marzouqi, ZADCO
- 137348 Validation of a Numerical Model for Simulation of Drilling Discharges to Sea**  
E. Furuholt, DET NORSKE VERITAS H. Rye, SINTEF Materials and Chemistry
- 138493 Improved Flaring Technology: High Pressure Air Assist System for Smokeless Flaring**  
G. Seefeldt, S. Smith, N. Palfreeman, Zeeco ;M. Mashour, Saudi Aramco

#### Alternates/Posters

- 133543 Best Practices in the Allocation, Commissioning, and Maintenance of Ultrasonic Gas Leak Detectors**  
E. Naranjo, General Monitors; G. Neethling, Gassonic
- 137954 Integrated Monitoring Radon and NORM Scale: HSE Case Study Well Surveillance**  
A. Nengkoda, Petroleum Development Oman

# 2010 Abu Dhabi International Petroleum Exhibition & Conference

Changes/additions after 13 May 2010 may not be reflected

## Session 9

Tuesday, 2 November, 0900 to 1100 hours

### Integrated Facilities Optimisation

- 136713 Development of an Integrated Availability Model**  
B.S. Santoso, Abu Dhabi Company for Onshore Oil Operations
- 138526 Yield and Energy Optimisation Initiatives at Saudi Aramco Khurais Central Processing Facility**  
K.A. Amminudin, Saudi Aramco
- 138660 Integrated Real Time Production Optimization of Wintershall North Sea Assets**  
E. Munoz, H. Reijn, Wintershall
- 137978 Maximising Value of a Giant Offshore Asset through Production Planning, Optimization and Capacity Management**  
A. Amin, S.M. Tariq, M.E. Awadallah, A. Al Zaabi, A.A. Al Kiyoumi, ZADCO

#### Alternate

- 137361 Waterflood: Surface Management Strategy**  
C.I. Pedro, A.G. Zhumadilov, F. Dordoni, Chevron; J.W. Sutton, Enron International

## Session 10

Tuesday, 2 November, 0900 to 1100 hours

### Development Optimisation I

- 137992 Wellbore Segmentation using Inflow Control Devices: Design and Optimisation Process**  
A.A. Al Marzouqi, A.A. Keshka, H. Helmy, S. Kumar, Abu Dhabi Company for Onshore Oil Operations; M. Elasmr, Baker Oil Tools
- 137888 Addressing Reservoir Heterogeneities in the Development of Upper Jurassic Carbonate Reservoirs, Offshore Abu Dhabi**  
C. Lehmann, BP;; T.M. Matarid, K.I. Al Hosany, M.S. Ibrahim, Abu Dhabi Marine Operating Company;
- 137061 Management of Water Injection Quality in a Giant Carbonate Onshore Oil field, Abu Dhabi, U.A.E.**  
B.A. Stenger, A.B. Al Katheeri, S.H. Al Kendi, A. Elabed, Abu Dhabi Company for Onshore Oil Operations

#### Alternate

- 138527 Gas Injection Pilot Field Case: An Integrated Monitoring Plan to Tackle Pilot Results and Identify Uncertainties in Heterogeneous Reservoir**  
M. Al-Marzouqi, N. Al-Zaabi, A. Schaeffner, Abu Dhabi Marine Operating Company

# 2010 Abu Dhabi International Petroleum Exhibition & Conference

Changes/additions after 13 May 2010 may not be reflected

## Session 11

Tuesday, 2 November, 0900 to 1100 hours

### Artificial Lift

- 136880 Latest Technological Advances in Rod Pumping Allow Achieving Efficiencies Higher than with ESP Systems**  
H.A. Belhaj, G. Takacs, The Petroleum Institute
- 138672 Gas Well Deliquification Application Overview**  
W.J. Hearn, Weatherford
- 137337 Troubles, Problems and Improvement of ESP in Mubarraz Field**  
N. Shimokata, Y. Yamada, Abu Dhabi Oil Company
- 138464 ESP Runtime Optimization - Low Volume High GOR Producers**  
A. Zahedi, R. Al-Aslawi, T. Al-Khonaini, A. Al-Najim, Chevron; M.S. Al-Haimer, Kuwait Oil Company

### Alternates/Posters

- 138673 High Reliability Type Gas Lift Equipment**  
W.J. Hearn, Weatherford

## Session 12

Tuesday, 2 November, 0900 to 1100 hours

### Seismic Acquisition and Processing

- 138201 Distance Separated Simultaneous Sweeping: Efficient 3D Vibroseis Acquisition in Oman.**  
J.G. Bouska, BP
- 137077 Advances in Seismic Processing Yield New Insights for a Giant Onshore Carbonate Oilfield, Abu Dhabi, U.A.E.**  
S.L. Mahmoud, M.T. Hadidi, M. Grausem, Abu Dhabi Company for Onshore Oil Operations; A. Haddabi, CGGVERITAS
- 137293 New Approach in Seismic Data Processing of Dual Sensors 3D OBC Data, Case Study from Shallow Marine Offshore Abu Dhabi**  
M.A. Mahgoub, H.S. Al Senani, J. Witte, Abu Dhabi National Oil Company
- 138575 Planning, Acquisition and Processing of a Zero Offset to Multi Azimuth Walkaway VSP In The Arabian Gulf**  
A.M. Khawaja, F.H. Al-Mussawi, RasGas; S. Cao, A. Darwish, Qatar Petroleum

### Alternates/Posters

- 137636 3D OBC Seismic Survey Geometry Optimisation Offshore Abu Dhabi, U.A.E.**  
T. Ishiyama, G.M. Mercado, K. Belaid, Abu Dhabi Marine Operating Company
- 137919 We Need to Re-Think the Acquisition and Processing Parameters for Sea Bottom Seismic in the Arabic Gulf.**  
K. Berteussen, The Petroleum Institute; Y. Sun, Texas A&M University

# 2010 Abu Dhabi International Petroleum Exhibition & Conference

Changes/additions after 13 May 2010 may not be reflected

## Session 13

Tuesday, 2 November, 1500 to 1700 hours

### Intelligent Energy and Future Operations

- 136634 How Smart Completion Can Maximise Oil Production and Recovery Factor in Stacked-Marginal Reservoirs**  
G. Naroso, J.P. Hofland, Abu Dhabi Company for Onshore Oil Operations
- 137668 Intelligent Oilfield Consideration for New Developments Offshore Abu Dhabi**  
D. Cobb, Abu Dhabi Marine Operating Company; M.W. Forster, BP
- 136877 Production Engineering Perspective: An overview of the I-Field Operations in Saudi Aramco's Southern Area Oil Operations.**  
L. Vo, Y. Al-Ghasham, F. Al-Meshal, W. Al-Awadh, Saudi Aramco
- 136828 Effect of Real Time Measurements and Analysis on Carbonate Stimulation in Horizontal Open Hole Producers-Lessons Learned at Eocene Field in the Partitioned Neutral Zone, Kuwait**  
S. Hamid, J.G. Jacobsen, F.S. Al-Hadyani, Schlumberger; J. Al-Rubaiyea, A.A. Metwally, Kuwait Gulf Oil Company

#### Alternates/Posters

- 138780 Selection Methodology for Passive, Active, and Hybrid Inflow Control Completions**  
S. Jacob, WellDynamics; J.E. Lauritzen, Saudi Aramco; N. Shahreyar, Halliburton
- 136535 New Generation of W/L Tractor for Horizontal Wells Intervention**  
A.S. Al-Shawly, Saudi Aramco

## Session 14

Tuesday, 2 November, 1500 to 1700 hours

### Sustainable HSE Performance

- 137700 Relative Culture Strength - Key to Sustainable World-Class Safety Performance**  
F. Merlo, DuPont
- 138683 Do We Need a Culture Change to Win Everyone's Heart and Mind**  
M. Al Muflehi, H.M. Al-Hammadi, N. Macwan, Abu Dhabi Marine Operating Company
- 137759 Reducing Marine Pollution by Improving Lubricant Environmental Performance**  
J. Pearce, Castrol Offshore
- 137975 Crossing Barriers in Language and Comprehension to Improve Worker Safety**  
H. Campbell, A. Duguay, C. Lecoindre, Total

#### Alternates/Posters

- 137702 Ensuring Contractor Alignment with Safety Culture**  
G. Griffioen, B. Alam, DuPont
- 138640 Minimising Environmental Impacts (Footprints)**  
M.A. Mian, H.M. Al-Hammadi, N. Al Qubaisi, Abu Dhabi Marine Operating Company

# 2010 Abu Dhabi International Petroleum Exhibition & Conference

Changes/additions after 13 May 2010 may not be reflected

## Session 15

Tuesday, 2 November, 1500 to 1700 hours

### Flow Assurance

- 138275 Integrated Discipline Approach to Conquer Asphaltene Challenges in On-shore Abu Dhabi Oilfields.**  
M. Grutters, K. Ramanathan, E. Clarke D. Naafs, Z. Huo, D. Abdallah, S. Zwolle, Abu Dhabi Company for Onshore Oil Operations; A. Stankiewicz, Schlumberger
- 137906 Downhole and Topside Scale Challenge Removal, Prevention and Inhibition Strategy Utilising Neutralized Phosphonate Chemistry**  
A.R. Al Salami, A.A. A. Kader, ZADCO
- 136503 Foaming Mitigation and Process Upset Management: Operation Case Study**  
A. Nengkoda, Petroleum Development Oman
- 138045 Operational Experience Using Acoustic Reflectometry to Detect Blockages in Gas Pipelines**  
X. Wang, G. Short, Pipeline Engineering and Supply; B. Lennox, University of Manchester

#### Alternates/Posters

- 136836 New Separation Technology**  
W.T. Abd Elhamid, Hamworthy
- 134344 Gas Well Deliquification Using Microwave Heating**  
M.K. Osman, N.T. Ghodke, F.S. Al-Dogail, University of Pune

## Session 16

Tuesday, 2 November, 1500 to 1700 hours

### Development Optimisation II

- 137659 Application of a Well Slot Optimisation Process to Drilling Large Numbers of Wells in Clusters on Artificial Islands**  
B. Martin, J.V. Walters, ZADCO; P.W. Woodard, Halliburton
- 133248 Integrated Study for Field Development Challenge of a Brown Field with Seven Stacked Reservoirs**  
E. Kasap, D. Qassabi, R.B. Lukmanov, R. Busaidi, A. Zarafi, Petroleum Development Oman
- 137965 Determination of Critical In-Situ Stress Parameter for Future Well Placement: An Integrated Case Study from C-Series Fields of Tapti-Daman Block, Mumbai Offshore, India.**  
S. Parashar, K. Sikdar, D.B. Roy, C. Shrivastava, Schlumberger; V.B. Kumbhar, P.S. Majithia, R.C. Baishya, R. Avtar, Oil and Natural Gas Corporation
- 128542 Angola: Greater Plutonio - Delivering a Successful Real Time Information Pipeline**  
D.A. Booth, C. Hammond, P.M. Sebastiao, BP

#### Alternates/Posters

- 138202 Identifying the Remaining Opportunities in a Mature Field - A Case Study**  
B.A. Al-Amri, N.I. Al Bulushi, R. Busaidi, F.L. Wolters, S. Wong, E.A. Sadek, L. Drammeh, Petroleum Development Oman
- 137070 Challenges for Horizontal Well Placement Optimisation in a Giant Mature Onshore Oilfield, Abu Dhabi, U.A.E**  
M.E. Al Suwaidi, A.B. Clark, J.D. Mead, Abu Dhabi Company for Onshore Oil Operations

# 2010 Abu Dhabi International Petroleum Exhibition & Conference

Changes/additions after 13 May 2010 may not be reflected

## Session 17

Tuesday, 2 November, 1500 to 1700 hours

### Seismic Interpretation and Analysis

- 133814 Improving Flow Simulation by Integrating Multi-component Time-Lapse Seismic: Application to Postle Field CO<sub>2</sub> EOR Project**  
A. E. Heris, H. Kazemi, T.L. Davis, S. Mohammad, Colorado School Of Mines ;S.C. Wehner, Whiting Petroleum Corporation
- 138586 Comparison of Traditional and Digital Rock Physics Techniques to Determine the Elastic Core Parameters in Thamama Formation, Abu Dhabi.**  
N. Derzhi, J. Dvorkin, E. Diaz, C. Baldwin, Q. Fang, A. Sulayman, Ingrain ; W.L. Soroka, ExxonMobil
- 137194 Impact of Improved Seismic Data in a Mature Carbonate Production Setting, Offshore Abu Dhabi, UAE**  
Z.J. Shevchek, R. El-Awawdeh, N.A. Khouri, A.A. Sultan, ZADCO; J. Zhang, J.M. Reilly, ExxonMobil
- 137660 Seismic Sequence Stratigraphy in Mapping Complex Reservoir Reef Build-up Geometries (Offshore Abu Dhabi field).**  
S. Bellah, A. Al Shateri, ZADCO; M.G. Kumpas, Kuwait Oil Company

### Alternates/Posters

- 137301 Seismic Characterisation of Reservoir Architecture and Facies Distribution in a Carbonate Platform Setting: Dynamic Implications for Production in a Super-giant Middle East Field**  
Y. YinD.A. Lawrence, V.C. Vahrenkamp, A. Kourbaj, S. Elsembawy, H. Mohamed, Abu Dhabi Company for Onshore Oil Operations
- 138649 Rock Physics Characterisation Using Acoustic Velocity Measurements on Late Cretaceous Carbonate Rocks from the Middle East**  
E. Mokhtar, S. Vega, A.A. Hassan, The Petroleum Institute; M.N. Al Baloushi, Abu Dhabi Company for Onshore Oil Operations

## Session 18

Tuesday, 2 November, 1500 to 1700 hours

### Formation Evaluation (Rock and Fluids)

- 137970 Quantification of Oil Stain and Residual Oil Saturations (ROS) within Cored Injector and Breakthrough Wells in a Giant Offshore Field, Abu Dhabi**  
H.E. Edwards, R.J. Lyons, A. Al Ali, ZADCO
- 137679 Whole Core Versus Plugs: Integrating Log and Core Data to Decrease Uncertainty in Petrophysical Interpretation and STOIP Calculations.**  
S.S. Mohamed, C.R. Smart, I. Al Hosani, Abu Dhabi Company for Onshore Oil Operations; M. Dernaika, L. Hannon, Weatherford
- 135873 Shallow Azimuthal Measurements "A Step Towards 3D Petrophysical Evaluation in Thin Reservoirs"**  
K.A. Al Daghar, R. Hassa, A.F. Abdel-Aal, Abu Dhabi Companyfor Onshore Oil Operations
- 137357 Methods and Tools for the Development of Consistent Reservoir Rock Type Based Relative Permeability and Capillary Pressure Models for Reservoir Simulation**  
J.G. Kralik, ; K. Guice, J.P. Meissner, ExxonMobil

### Alternates/Posters

- 137210 Bayesian Neural Network Classification Using Chemostratigraphic Analysis of Nubian Reservoir Section: A Field Study, Sirte Basin, Libya**  
H. El-Sobky, R. Wentz, T. Borbas, J.W. Young, J. Gaynor, ConocoPhillips

# 2010 Abu Dhabi International Petroleum Exhibition & Conference

Changes/additions after 13 May 2010 may not be reflected

## Session 19

Wednesday, 3 November, 0900 to 1100 hours

### The Next Generation of Sustainable Field Development

- 137542 A Conceptual Study for Managing the Life of a Giant Offshore Oilfield in the UAE where Facilities and Infrastructure Mature ahead of the Reservoir**  
C.A. Modavi, S.A. Khan, O.H. Khedr, K. Brantferger, M. Watanabe, J.V. Walters, W. Martin, A. Shabeeb, M.A. Al Marzouqi, M. Qotb, ZADCO; T. Muta, Japan Oil Development
- 138301 Pushing the Limits for Field Development Al Shaheen Field, Offshore Qatar**  
E. Hoch, H.B. Ohrt, D.I. Brink, J. Flikkema, Maersk Oil Qatar; R. Norman, Qatar Petroleum
- 138551 Integrated Reservoir Studies Roll-Up Initiative: A New Industry Step Change Innovation**  
M. Hogg, E.A. Elrafie, H.H. Mohammadi, Saudi Aramco
- 137938 Hydrogen Integration for Petroleum and Power Industries**  
M. Naim, F. Al Muharrami, Abu Dhabi Future Energy Company (MASDAR)

#### Alternates/Posters

- 138615 Large Scale Implementation of Infrared Water Cut Meters in PDO**  
M.A. Shariff, J.S. Lievois, B. Raman, Weatherford; M. Al Salmani, K.K. AL Hanshi, M. AL Balushi, Petroleum Development Oman;

## Session 20

Wednesday, 3 November, 0900 to 1100 hours

### Project Development and Execution

- 138457 An Operations Perspective on Field Expansion Projects, Al Shaheen Field Development 2005**  
K. Jensen, Maersk Oil Qatar
- 138646 Application of Land Reclamation and Artificial Island Technology in the Arabian Gulf Petroleum Industry**  
S.L. El-Gharbawy, H.M. Al-Hammadi, S. Seddik, M.Y. Amer, Abu Dhabi Marine Operating Company
- 138647 Malaysia Deepwater Project Execution Strategy and Challenges**  
N. Salleh, M.R. Sainal, PETRONAS
- 137905 Execution of Brownfield Projects**  
F.W. Qadri, S.M. Al-Khaledi, Kuwait Oil Company

#### Alternates/Posters

- 138458 Implementation of the 2005 Field Development Plan: Successful Contracting of Production Facilities for the Al Shaheen Field, Offshore Qatar**  
J. Cheesebrough, Maersk Oil
- 138688 Modification of Existing Offshore Process facilities**  
G. Muniswami, H.M. Al-Hammadi, R. Srinivasa, M. Gupta, S.A. Ismail, S. Telepurtha, A. Jafri, Abu Dhabi Marine Operating Company

# 2010 Abu Dhabi International Petroleum Exhibition & Conference

Changes/additions after 13 May 2010 may not be reflected

## Session 21

Wednesday, 3 November, 0900 to 1100 hours

### Risk Management

- 138668** **Managing Operating Risks in Offshore Indonesia High Rate Gas Wells**  
D. Warnken, P.D. Cameron, E. Apolianto, BP
- 136351** **Holistic Risk Management (HRM) for Enhanced Production Operations**  
B. Arslan, AkerSolutions; M. Hemphala, Scandpower AB
- 138712** **Development of Structural Regional Acceptance Criteria for Existing Fixed Offshore Structures in the Arabian Gulf**  
H.M. Al-Hammadi, M.Y. Amer, Abu Dhabi Marine Operating Company
- 138654** **Extending the Life of an Ageing Offshore Facility**  
B. Hudson, ABB Global Consulting

#### Alternates/Posters

- 138386** **Extending Life of Fixed Offshore Installations by Integrity Management: A Structural Overview**  
M. Nabavian, A. Morshed, J. Moses, Production Services Network

## Session 22

Wednesday, 3 November, 0900 to 1100 hours

### Production Enhancement I

- 138199** **Multi-Phase Flow Measurements Uncertainty Management For Changing Wellstream Compositions: A Cost Effective Methodology For Surveillance Engineers and Field Operators**  
M. Sherief, K.K. Al Hassani, A.F. Al-Ameri, M.K. Abdou, Abu Dhabi Company for Onshore Oil Operations
- 138357** **Acid Stimulation Results of Arab Carbonate Reservoirs in Offshore Field, U.A.E.: 10 Years of Review, How to Prepare the Future Challenges Linked to Stimulation**  
O.M. Keshtta, A.F. Shokry, Abu Dhabi Marine Operating Company
- 137268** **The Development and Application of a Novel Free-damage Fracturing Fluid with PH<2**  
J. Zhang, Y. Wu, Missouri University of Science and Technology; S. Zhang, China University of Petroleum; B. Bai, Chevron; H. Liu, REPID, Petrochina
- 136176** **Effect of Perforation Parameters on Tight Gas Openhole Wells Productivity**  
A. Hosseinian, Curtin University of Technology

#### Alternates/Posters

- 135827** **If At First You Do Not Succeed. Try, Try Again: Time Dependent Fracturing Success**  
M. Rylance, BP
- 136574** **Visco-Elastic Surfactant Diversion: An Effective Way to Acidize Low Temperature Wells**  
T. Ahmad, D.J. Beaman, Halliburton; P. Birou, Total

# 2010 Abu Dhabi International Petroleum Exhibition & Conference

Changes/additions after 13 May 2010 may not be reflected

## Session 23

Wednesday, 3 November, 0900 to 1100 hours

### Reservoir Characterisation

- 137325 RRT: Between the Dynamic Concerns and the Rock Fabric Approach! Which One Should Come First? A Comparison Study Between Two Approaches**  
M.T. Ribeiro, Partex Oil and Gas; M.A. Al Neaimi, N. Al-Nuaimi, N.M. Al-Madani, Z.A. El Wazir, K.W. Dr Mueller, V.C. Vahrenkamp, I. Al-Hosani, Abu Dhabi Company for Onshore Oil Operations
- 137398 Integrated Approach to Identify Factors that Contribute to Fluid Flow in Complicated Reservoir, Offshore Abu Dhabi**  
A.A. Al Shateri, S. Bellah, Y. Umezawa Tamura, S.M. Salman, ZADCO
- 138591 Estimation of Relative Permeability using the Lattice Boltzmann Method for Fluid Flows, Thamama Formation, Abu Dhabi**  
A. Grader, Y. Mu, J. Toelke, C. Baldwin, Q. Fang, G. Carpio, Ingrain; B.A. Stenger, T. Al Dayyani, M.Z. Kalam, Abu Dhabi Company for Onshore Oil Operations.
- 138685 Hybrid Log-Derived Permeability Prediction Model for a Heterogeneous Carbonate Reservoir with Tarmat Layers Considering Different Levels of Cutoffs**  
S.G. Ghedan, T. Weldu, The Petroleum Institute; O. Al Farisi, Abu Dhabi Marine Operating Company

### Alternates/Posters

- 137557 Integrated Reservoir Characterisation Using Facies, Rock Texture and Flow Units Applying Rock Typing Approach, Upper Cretaceous Reservoir, ADCO**  
M.A. Hozayen, H.A. Al Saadi, Abu Dhabi Company for Onshore Oil Operations
- 137063 Improved Description of Shallow Shelf-carbonates with Resistivity-based Imaging While Drilling, Abu Dhabi, U.A.E.**  
A.B. Clark, B.A. Stenger, V.C. Vahrenkamp, T.N. Al Dayyani, Abu Dhabi Company for Onshore Oil Operations; A.M. Souliman, Baker Hughes

## Session 24

Tuesday, 3 November, 0900 to 1100 hours

### Well Integrity and Intervention

- 138287 Field/Well Integrity Issues, Well Abandonment Planning and Workover Operations on an Inadequately Abandoned Well: Peace River Alberta Case Study**  
C. Diller, Shell
- 138238 Innovative Analytical Team Approach to Restore Integrity of Challenging Wells, Salvage Gas Tower and Used to Eliminate Complex and Costly Gas Well Workover**  
M.E. Ibrahim, H.M. Al-Hammadi, A. Al-Suwaidi, F.H. Al-Marri, H.I. Khalil, M.A. Hussein, Abu Dhabi Marine Operating Company
- 136884 Ensuring Complete Well Integrity for HPHT Wells- Brunei Case Study**  
A. Luangkhot Bonnacaze, Total; S. Taoutaou, B. Jain, N. Abdullah, A. Dondale, Schlumberger

### Alternates/Posters

- 138014 Challenges for Coiled Tubing in Horizontal Well Intervention**  
P. Rohilla, H. Shukla, Pandit Deendayal Petroleum University
- 137966 Well Integrity Management System (WIMS) Development**  
H. Daghmouni, Abu Dhabi Company for Onshore Oil Operations

# 2010 Abu Dhabi International Petroleum Exhibition & Conference

Changes/additions after 13 May 2010 may not be reflected

## Session 25

Wednesday, 3 November, 1100 to 1300 hours

### Geosteering and Logging while Drilling

- 137422 Use of Innovative Extended Reach Logging and Intervention System**  
R. Collins, Weatherford
- 137722 Handling Geological Uncertainties in RealTime Geosteering Operations to Optimise Well Production**  
D. Hawkins, P. Martinez, Halliburton
- 136499 The Use of Real Time GWD Technology by Saudi Aramco, in Safaniyah Offshore Field**  
B.A. Al-Idi, H.F. Al-Sarrani, Saudi Aramco; J. Stewart, Halliburton

#### Alternates/Posters

- 137415 Lessons Learnt from the Design and Installation of an Advanced Horizontal Water Injector in a Tight Carbonate Reservoir, Onshore UAE.**  
J.S. Gomes, A. Al Khateeri, The Petroleum Institute; K.E. Hadidy, M. Al-Reyami, M. Laws, A. El Barbary, A.A. Aboukshem, Abu Dhabi Company for Onshore Oil Operations
- 137186 Optimisation of Horizontal Well Placement/Performance by Boundary Detection: A Case Study from U.A.E.**  
M.H. El-Hamawi, O.A. Alshaarawy, N.S. Al-Shehhi, H.A. Al Beshr, Abu Dhabi Company for Onshore Oil Operations

## Session 26

Wednesday, 3 November, 1500 to 1700 hours

### Drilling: Fluids and Cementation

- 136682 Implementation of Underbalanced Drilling in ADCO**  
M. Laws, T.A. Al-Hashemi, A.M. Al-Hammadi, H. Sohdy, O.S. Al Jeelani, S. Al-Bakr, Abu Dhabi Company for Onshore Oil Operations
- 137289 Under Balanced Drilling Technology Successfully Applied in Sarir C-Main Field – Libya: A Case Study**  
M.B. Ben Shatwan, Arabian Gulf Oil Company; H.H. Qutob, P. Vieira, Weatherford
- 136800 High-Performance Water-Based Fluid Used in Conjunction with Bridging System: Field-Proven Economical Alternative to Oil-Based Fluids**  
A.A. Ansari, D.W. Foreman, Saudi Aramco; M. White, 4 Gas
- 138564 Effective Implementation of High Performance Water Based Fluid Provides Superior Shale Stability Offshore Abu Dhabi**  
M.A. Mehtar, M. Brangetto, A.A. Soliman, Abu Dhabi Marine Operating Company; S.K. Mielke, M-I Overseas; N.E. Alfonzo, M-I Drilling Fluids; S. Young, M-I SWACO

#### Alternates/Posters

- 137342 Well Displacement Hydraulics - A Field Case Study and Simulation Investigation**  
Z. Xu, J. MaureraSPT Group; C.A. Shields, BP
- 137302 Employing a Systematic Scientific Approach to Ensure Successful Implementation of Underbalanced Drilling Technology- Case Study**  
G. Sharma, Oil India Limited; H.H. Qutob, S. Boutalbi, J.J. Villatoro, S. Lakshminarayanan, Weatherford

# 2010 Abu Dhabi International Petroleum Exhibition & Conference

Changes/additions after 13 May 2010 may not be reflected

## Session 27

Wednesday, 3 November, 1500 to 1700 hours

### Innovations in Design and Technology

- 138477 Successful Application of Fiberglass Pipe in Crude Oil Pipelines in the Arabian Gulf**  
K. Rookus, Future Pipe Industries B.V
- 137359 A Mobile Multiphase Pump for Onshore Oil Field Applications**  
H.N. Saadawi, Abu Dhabi Company for Onshore Oil Operations
- 136657 High and Low Frequency Vibrations in (Flare) Piping Systems: Causes, Consequences, and Avoidance Screening Methodology**  
I.F. Moustafa, BP
- 133283 Debottlenecking through Heat Integration (Case study: Crude Distillation Unit)**  
A. Aseeri, GAP-Tech

#### Alternates/Posters

- 138905 Facilities Design for Transport of Fluids with GRE Line Pipes**  
B. Bosello, VEM Spa
- 138713 Innovative Subsea Cooling Reduces Numerous Failure Risks in Subsea Pipelines**  
A.M. Azouz, H.M. Al-Hammadi, Abu Dhabi Marine Operating Company

## Session 28

Wednesday, 3 November, 1500 to 1700 hours

### Extending Facilities life through Integrity Management

- 136760 A Proven Approach Towards Plant Piping Integrity Management**  
M.S. Aljaberi, ZADCO; H. Kamel, Abu Dhabi Marine Operating Company
- 138487 The Interactive Plant Model, A New Approach to Facilities Integrity**  
O. Sharaf, Shell
- 137461 Corrosion Management of a Worldwide Existing Pipeline Network**  
M. Bonis, T. Chevrot, Total
- 136892 Proactive Maintenance Plans for RTUs of Transmission Pipelines.**  
T.K. Tarabzoui, L. Al-Harbi, A. Mejna, N. Puthkattu, Saudi Aramco

#### Alternates/Posters

- 136792 The Role of Corrosion Prediction and Real-Time Corrosion Measurement Technologies in Corrosion Management - Theory and Applications**  
A. Kelleher, Bayer Technology Services
- 136905 Advances in Maintenance Turnaround in KOC**  
B.A. Mahmoud, M.B. Al-Otaibi, S. Ray, A. Mohammed, Kuwait Oil Company

# 2010 Abu Dhabi International Petroleum Exhibition & Conference

Changes/additions after 13 May 2010 may not be reflected

## Session 29

Wednesday, 3 November, 1500 to 1700 hours

### Production Enhancement II

- 115766 Slickwater Fracturing: Food for Thought**  
T.T. Palisch, CARBO Ceramics; P.J. Handren, Denbury Resources; M.C. Vincent, Insight Consulting
- 138602 Advances in ExxonMobil's Carbonate Stimulation Methodology - from Wormholes to Long-Term Productivity**  
C.E. Shuchart, J.O. Alvarez, D. McDuff, D. Chang, A. Troshko, ExxonMobil
- 136906 First Successful Low Cost Abrasive Perforation with Wireless Assisted Coiled Tubing in Deviated High Pressure/High Temperature Gas Well.**  
W. Nunez Garcia, R. Solares, J.A. Leal Jauregui, J.E. Duarte, Saudi Aramco; A. Chacon, G. Izquierdo, R.L. Heidorn, Halliburton
- 138726 Successful Well Stimulation Projects Boost Production from Iraq's South Oil Fields**  
L.K. Al Hashmy, H.H. Qutob, S. Halfawi, Weatherford

#### Alternates/Posters

- 138523 Acid Effect Life Cycle in Carbonate Reservoir, Field Case**  
M. Al-Marzouqi, O. Al-Farisi, M.M. Amer, F. Yammahi, A. Al-Felasi, S. Budebes, Abu Dhabi Marine Operating Company
- 138554 Technical Limits of Tight Gas Fracturing in Oman - An Innovative Exploration Approach that Incorporates Global Practices**  
Curtino, PDO; T.C. Judd, J. W.L. Lie, R. Harianta, Schlumberger

## Session 30

Wednesday, 3 November, 1500 to 1700 hours

### EOR

- 138203 Impact of Three Phase and Relative Permeability Hysteresis on the Performance of EOR Processes in a Giant Carbonate Reservoir in the Middle East**  
S.K. Masalmeh, L. Wei, Shell
- 138037 Rigorous Water Chemistry Modelling in Reservoir Simulations for Waterflood and EOR Studies**  
L. Wei, Shell
- 137062 Interpretation of Immiscible WAG Repeat Pressure Fall off Tests, Abu Dhabi, U.A.E.**  
B.A. Stenger, S.H. Al Kendi, A.F. Al Ameri, A.B. Al Katheeri, Abu Dhabi Company for Onshore Oil Operations
- 138765 Distribution of Asphaltene Deposition in the Carbonate Rock Samples by Gas Injection**  
H. Okabe, Y. Hayashi, H. Mitsuishi, Japan Oil, Gas and Metals National Corporation; S. Takahashi, Inpex Corporation; M. Watanabe, ZADCO

#### Alternates/Posters

- 137579 Numerical Simulation and Optimisation of SAGD Process in Surrmont Oil Sands Lease**  
X. Bao, Z. Chen, Y. Wei, J. Sun, C.C. Dong, S. Yu, University of Calgary
- 137396 Giant Field (A) ROS Study**  
Y.H. Al Hammadi, M.Z. Kalam, S. Elsembawy, S.S. Mohamed, Abu Dhabi Company for Onshore Oil Operations

# 2010 Abu Dhabi International Petroleum Exhibition & Conference

Changes/additions after 13 May 2010 may not be reflected

## Session 31

Wednesday, 3 November, 1500 to 1700 hours

### Reservoir Modelling and Simulation

- 138682 Closing the Loop: Using Dynamic Data to Refine Static Models that Improves History Matching of Waterflood and Planning EOR**  
S.K. Masalmeh, H. Hillgartner, R.A. Al-Mjeni, C. Blom, L. Wei, Shell
- 137974 A New Method of Average Pressure Estimation for a Horizontal Well in a Pattern Water Flooding System**  
M. Nomura, Inpex; A.A. Dahmani, M.A. Jawhari, ZADCO
- 136659 Case Studies of Successfully History Matched Reservoir Simulation Models Using a Powerful Optimisation Algorithm Being of Limited Predictive Value**  
M. Kathrada, Saudi Aramco; J.N. Carter, Imperial College
- 137030 The Effect of Nitrogen On Retrograde Condensation and Ultimate Recovery Maximisation In Condensate Gas Reservoirs**  
A.A. Abed, Abu Dhabi Company for Onshore Oil Operations

#### Alternates/Posters

- 136861 Comparative Study of Novel Population-Based Optimisation Algorithms for History Matching and Uncertainty Quantification: PUNQ-S3 Revisited**  
Y. Hajizadeh, M.A. Christie, V. Demyanov, Heriot-Watt University
- 137958 Geomodeling of Giant Carbonate Oilfields with a New Multipoint Statistics Workflow**  
A. Carrillat, T. Grossmann, Schlumberger

## Session 32

Thursday, 4 November, 0900 to 1100 hours

### CO<sub>2</sub> Management

- 131003 Utilisation of CO<sub>2</sub> Containing Impurities for Miscible Enhanced Oil Recovery**  
A. Leahy-Dios, J.R. Wilkinson, G.F. Teletzke, J.L. Dickson, ExxonMobil
- 136160 CO<sub>2</sub> Sequestration Wells: the Lifetime Integrity Challenge**  
L. Smith, D.Z. Milanovic, M. Billingham, C. Lee, Intetech
- 137893 Developing a Carbon Capture and Storage Sector in the UAE: Challenges and Opportunities**  
V. Theeyattuparampil, G. Vidican, The Masdar Institute of Science and Technology
- 137447 What Does It Take To Evaluate A Potential CO<sub>2</sub> Storage Site? The Zerogen Example**  
S.D. James, G. Kumar, V. Kumar, K.N. Rao, B. Trivedi, A. Gupta, S. Salunke, S. Sarkar, A. Srinivasan, P.P. Meena, Shell; A.J. Garnett, ZeroGen; N.J. Hall, Cypher Consulting Services P/L; P. Barlas, ZeroGen

#### Alternates/Posters

- 138786 Strategies to Incorporate Evaluation into CO<sub>2</sub> Miscible Floods**  
P. Gao, University of Wyoming
- 137333 ADCO Power Strategy to Reduce Overall Green House Gas Emissions**  
V. Reddy, K. Bisher, M.M. Zamzam, Abu Dhabi Company for Onshore Oil Operations

# 2010 Abu Dhabi International Petroleum Exhibition & Conference

Changes/additions after 13 May 2010 may not be reflected

## Session 33

Thursday, 4 November, 0900 to 1100 hours

### Applications of Multiphase Technology and Flow Measurement

- 138240 Multi-Phase Flow Meters for Well Testing-Field Experiences in an ADMA-OPCO Offshore Field, Abu Dhabi**  
F.H. Al-Marri, H.M. Al-Hammadi, K. Santhanam, N. Al-Zarooni, A. KHAN, B.M. Ehmaid, K. Ravi Komar, Abu Dhabi Marine Operating Company
- 137967 Inline Water Separation Field Prototype Development and Testing**  
J. Xiao, R.J. White, N.S. Al-Habib, Saudi Aramco ; S. Wang, MSI
- 136802 Use of Multi-Phase Bulk Flow Meters to Validate Inter-Field Production and Allocation: A Case History from Dubai Offshore fields**  
M.S. Nadar, Smart Zone Solutions; F.Y. Shnaib, Dubai Petroleum Company
- 138360 Infra-Red Water Cut Meter Field Trial Under Transient Conditions**  
M. Melo, R. Helal, Weatherford; T. Nassereddin, K. AL Hagin, ; M. Hariz, Abu Dhabi Company for Onshore Oil

#### Alternate

- 137969 Production Monitoring and Optimisation on a Mature Field**  
E. Tournier, B. Jaffres, M. Al-Qasimi, Total

## Session 34

Thursday, 4 November, 0900 to 1100 hours

### Reservoir Management

- 138582 Field-Wide Production Logging Campaigns: An Essential Health Check for Your OilFields**  
W. Asslman, H.H. Qutob, D. Ghanim, L. Al-Hashmy, S. Halfawi, Weatherford; S. Menon, BJ Services Company
- 138295 Productivity Pilot, How to Produce Tight/Low Connectivity Reservoir with a Maximum Reservoir Contact Well: A Field Case from Abu Dhabi Offshore**  
H.M. Al-Hammadi, M. Elhami, A. Schaeffner, Abu Dhabi Marine Operating Company
- 132821 Diagnosing Water Production in Horizontal Wells Using Water-Oil Ratio and Water-Oil Ratio Derivative Plots**  
S.R. Al Khayari, Occidental of Oman
- 138749 Production Logging in Horizontal Wells: Case Histories from Saudi Arabia Utilising Different Deployment and Data Acquisition Methodologies in Open Hole and Cased Completions**  
T.A. El Gammal, J. Torne, F.J. Arevalo, M.P. Rourke, Halliburton; M.A. Al-Mudhi, M.K. Hashem, O.L. Wah, Saudi Aramco

#### Alternates/Posters

- 137154 Demonstration of the Power of Inter-Disciplinary Integration to Beat Field Development Challenges in a Complex Brown Field - South Oman**  
F.A. Al-Belushi, R.B. Lukmanov, S. Mahruqi, R. MehdiR. Busaidi, Petroleum Development Oman
- 136441 Reservoir Management of Inflow Control Devices in an Undersaturated Reservoir: A Case Study in the De Ruyter Field, Netherlands**  
K.W. Fong, D.M. McKellar, D. Westerhof, Petro-Canada; E. Leung, H. Samosir, Schlumberger

# 2010 Abu Dhabi International Petroleum Exhibition & Conference

Changes/additions after 13 May 2010 may not be reflected

## Session 35

Thursday, 4 November, 0900 to 1100 hours

### EOR

- 136530 An EoS Model for a Middle East Reservoir Fluid with an Extensive EOR PVT Data Material**  
K. Schou Pedersen, P. Sah, Calsep A/S; J. Azeem, Calsep Dubai; S. Negahban, M.A. Basoni, Abu Dhabi Company for Onshore Oil Operations.
- 138552 Understanding Reservoir and System Uncertainties to Enable CO<sub>2</sub> EOR**  
J.S. Gray, B. Pedron, T. Reynolds, BP; F. Al Jenaibi, Abu Dhabi National Oil Company
- 136767 Analysis and Flow Modelling of Single well MicroPilot to Evaluate the Performance of Chemical EOR Agents**  
C. Ayan, K. Cig, R. Ramamoorthy, J. Zaggas, J. Edwards, Schlumberger; P.K. Cherukupalli, S.M. Arora, D. Horstmann, Petroleum Development Oman
- 136857 Downhole Electrical Heating System: Feasibility of Heavy Oil Implementation in Offshore Congo**  
W.E. Szemat Vielma, F. Bottazzi, I. Ponticiello, Eni E&P

### Alternates/Posters

- 137985 Recent Experience of Miscible Gas Injection Laboratory Tests in Carbonates and Its Impact on Field Development**  
A.S. Al-Rawahi, I. Al Hosani, S. Negahban, M.Z. Kalam, Abu Dhabi Company for Onshore Oil Operations; A.S. Cable, Weatherford
- 138492 Optimising Steam Injection In Heavy Oil Reservoirs**  
R. Brooks, TAM International

## Session 36

Thursday, 4 November, 0900 to 1100 hours

### Drilling and Extended Reach Drilling

- 137554 Record-Setting Horizontal Pilot Wells Drilled and Completed to Establish Feasibility of Developing Giant Offshore Field from Artificial Islands**  
E. Eide, J.D. Jordan, ZADCO; S.R. Keller, ExxonMobil
- 137648 Do You Really Need that Rotary Steerable? An evaluation of Applications and Comparisons with High Performance Mud Motors.**  
E.C. Malcore, B. Murray, Weatherford
- 138579 Conventionally Undrillable Open Fractured Reservoir, Successfully Drilled Using Managed Pressure Drilling Technology in Algeria**  
K. Kartobi, Sonatrach Inc, H. Ibrahim, Sonatrach; H.H. Qutob, M.A. Arnone, F. Torres, C. Mazouz, N. Barakat, Weatherford
- 138214 Geomechanical Modelling for Wellbore Stability During Drilling Nahr Umr Shales in a Field in Petroleum Development Oman**  
W.M. Al-Wardy, O.E. Portillo, Petroleum Development Oman

### Alternates/Posters

- 138312 One Run to TD**  
P.V. Balslev, J.R. Hardie, Maersk Oil Qatar AS; E. Isevcan, C.B. Cockburn, Schlumberger; T. Gagigi, Qatar Petroleum
- 136901 Optimizing the Planning, Design and Drilling of Extended Reach and Complex Wells**  
A.L. Agbaji, Baker Hughes

# 2010 Abu Dhabi International Petroleum Exhibition & Conference

Changes/additions after 13 May 2010 may not be reflected

## Session 37

Thursday, 4 November, 0900 to 1100 hours

### Completions and Production Optimisation

- 138356 Electromagnetic Surface-Controlled Sub-Surface Safety Valve: An Immediate Solution to Secure Wells with Damaged Control Line**  
T. Nassereddin, A. Elgamodi, M.A. Baslaib, Abu Dhabi Company for Onshore Oil Operations; K. Abdelnour, Geoservices SA
- 138703 Applied Production Completion Using Optimum Number of Inflow Control Devices**  
A. Kshada, T.S. Chong, M. Abdsu, Abu Dhabi Company for Onshore Oil Operations; M. Shafiq, O. Ogunyemi, K. Hadjar, Schlumberger
- 137057 Optimizing Injection Wells through Innovative Completion**  
A.K. Khalil, Abu Dhabi Marine Operating Company; M. Elasmr, Baker Hughes
- 137028 Application of Innovative Ceramic Centralizer for Solid Expandable Liner**  
S. Zhou, S.M. Kamal, Saudi Aramco; T. Sanders, Weatherford

#### Alternate

- 135670 Increasing the Reach and Selectivity of Completions in Extended Reach Horizontal Wells**  
B. Ritchie, M.J. Pitts, S. Van de Ven, Maersk Oil; M.R. Jaafar, Qatar Petroleum