

(Updated as at 10 March 2014)

Tuesday, 25 March • 1530-1730 hours

TECHNICAL SESSION 1: UNCONVENTIONAL RESOURCES AND DEEPSEA MINING I

Room 401/402, Level 4

Session Chairpersons:

Jose Zabala, PETRONAS Carigali Sdn. Bhd.

Ahmad Nasiruddin Rahman, PETRONAS Carigali Sdn. Bhd.

Time Paper

1530 25022 Unconventional Approaches for the Unconventional Resources in Central China
A. D' Amore and K.K. Hii, Shell China Ltd.; T. Moh, Z.Y. Chen, V.C. Phan, J.M. Lim, F. Tellez, J. Kok and A. Poor, Schlumberger; and B. Huang, CNPC CCDP DPRI

1555 24755 The Comprehensive Application of Both Near-Bit and Surface Vibration Measurement to Quickly Identify Coalbed Boundary
W. Gao, X. Dou and L. Sheng, Drilling Research Inst. of CNPC, and Y. Liu, CNPC Bohai Drilling Engineering Co. Ltd.

1620 24868 Improving Reliability of Multi-Zone Fracturing Treatments While Optimising Efficiency
N. Carrejo, H. Wibowo, B.J. Salinas, Z. Xu and S.L. Gaudette, Baker Hughes

1645 24692 Optimum Well Completion Strategies in Tight Oil Reservoirs
L. Saputelli, Frontender Corp.; A. Chacon, Halliburton; and C. Lopez, BP

1710 24817 New Design Method of Multi-Stage Hydraulic Fracturing in Shale Horizontal Well
J. Guo, B. Gou and T. Yu, Southwest Petroleum U., and J. Yi, Sinopec Jiangnan Oilfield

Tuesday, 25 March • 1530-1730 hours

TECHNICAL SESSION 2: IOR/EOR: SCREENING STUDIES/EVOLUTION

Room 403/404, Level 4

Session Chairpersons:

Rahim Masoudi, PETRONAS

Rakesh Ranjan, PETRONAS

Time Paper

1530 24772 Application of Digital Core Analysis (DCA) and Pore Network Modelling (PNM) Based on 3D Micro-CT Images for an EOR Project in a Mature Oil Field in East Malaysia
W.N.S.B.W.M. Zainudin and Z.M. Zain, PETRONAS Research Sdn. Bhd., and L. Riepe, PETRONAS Carigali Sdn. Bhd.

1555 24945 Miscible Flood Performance of Heterogeneous Layered Reservoirs: Considering Profile Control Through Controlled Fluid Movements
M. Ahmed, M.Z. Jaafar, W.R.W. Sulaiman and M. Hashim, U. Teknologi Malaysia

1620 24682 Study on Matching Relationship of Polymer Hydrodynamic Size and Pore Throat Size for Stratium in Sand Reservoir
D.D Yin, Y.Q. Li, D.F. Zhao, F.Y. Wang and J.X. Gao, China U. of Petroleum-Beijing

1645 24777 A Novel Model to Evaluate the Effectiveness of Polymer Flooding in Offshore Oilfield
H. Jiang and F. Chen, China U. of Petroleum (Beijing); Y. Li, Changqing Oilfield, CNPC; W. Zheng, CNOOC Research Inst.; and L. Sun, China U. of Petroleum

1710 24952 Chemical Tracers for the Offshore Determination of Residual Oil Saturation
M. Myers, C. White, C. Heath, B. Pejic and L. Stalker, CSIRO Earth Science and Resource Engineering

Tuesday, 25 March • 1530-1730 hours

TECHNICAL SESSION 3: FRACTURED CARBONATE RESERVOIR

Room 405, Level 4

Session Chairpersons:

Rick Stanley, Baker Hughes Asia Pacific

Bernard Montaron, Schlumberger S.A.

Time Paper

1530 24995 Water Source and Flow Direction Detection in a Heterogeneous Fracture Carbonate Reservoir: Challenge and Solutions - A Case Study in Indonesia
S. Sanjaya, L. Quintero and M.S. Iyer, Halliburton, and S. Diametrica, F. Praveen, A. Soendaroe and Harkomoyo, Pertamina and Hulu Energi, West Madura Offshore (PHE-WMO)

1555 25018 Case Evaluating Acid Stimulated Multilayered Well Performance in Offshore Carbonate Reservoir: Bombay High
A. Rawat, A. Tripathi and C. Gupta, U. of Petroleum & Energy Studies

1620 SPE-168165 Engineered Approach to Isolate Intervals Invaded by Water or Gas in Naturally Fractured Carbonate Formations
J. López, A.M. Ballesteros, R. Miranda, C. García and R. Zepeda, PEMEX, and B. Vidick, R. Giron, A. Millán, J.G. Rivas, A. López and E. Miquilena, Schlumberger

1645 24949 The History of Hydrocarbon-Based Ultrafine Cement Slurry System for Water Shutoff in Offshore Mexico
C. Deolarte and R. Zepeda, PEMEX, and V. Cancino, F. Robles, and E. Soriano, Halliburton

1710 24762 Well Test Characterisation of Naturally Fractured Vuggy Reservoirs, with a Global Optimisation Method
S. Gómez, IIMAS-UNAM; R. Camacho, PEMEX E&P; M. Vásquez, PEMEX E&P/IPN; G. Ramos and N. del Castillo, IIMAS-UNAM; and J.A. Mesejo, MatCom-UH

Tuesday, 25 March • 1530-1730 hours

TECHNICAL SESSION 4: OFFSHORE PIPELINES I

Room 301, Level 3

Session Chairpersons:

Johan Samad, INTECSEA

Robby O'Sullivan, Technip

Time Paper

1530 25062 Assessment of Coatings in High pCO₂ Environment for Pipeline Internal Coating Application
M. Zakaria, A.S. Sauri, A.Z. Abas, S. Mat, M.F. Suhor, A.M. Nor and R. Kamarudin, PETRONAS Research Sdn. Bhd.

1555 24912 **Infield Transportation of High Content CO₂ Fluids**
C.T. Condat and S. Denniel, Technip

1620 25034 **Influence of Local Effects on Fatigue Assessments During Hold Periods of Offshore Pipeline Installation by Reeling**
A. Bedrossian and P. Brett, KW Subsea

1645 24721 **A Case Study Detailing the Design, Planning, Installation and Cost and Environmental Benefit Analysis of a Reinforced Thermoplastic Pipe Pulled Through the Inside of an Existing Offshore Steel Flow Line in the East Malaysia Samarang Field**
J.R. Wright Jr., Polyflow LLC; K.A. Karim, PETRONAS Carigali Sdn. Bhd.; and S. Kennedy, SCG Oil and Gas

1710 25057 **Offshore Installation of Technology of Puteri Heated Pipe-in-Pipe System in Malaysia**
R.S. Dhillon, SapuraKencana Petroleum Bhd.

Tuesday, 25 March • 1530-1730 hours
TECHNICAL SESSION 5: DRILLING: DEEPWATER
Room 406/407, Level 4

Session Chairpersons:
Stephane Denoun, Technip
Iwan R. Soedigdo, Archipelago Offshore Engineering, Inc.

Time Paper
1530 25044 **Hollow Glass Microspheres: An Option for Dual Gradient Drilling and Deep Ocean Mining Lift**
J. Halkyard and M.R. Anderson PE, Deep Reach Technology, Inc., and W.C. Maurer, Maurer Engineering

1555 25042 **Selecting a Safe and Reliable Drilling System for New Deepwater Challenges**
H. Brandt, DNV GL

1620 24851 **Subsurface Containment Assurance Program: Key Element Overview and Best Practice Examples**
R.A. Schultz, L.E. Summers, K.W. Lynch and A.J. Bouchard, ConocoPhillips

1645 24768 **Unique Cement and Spacer Design for Setting Horizontal Cement Plugs in SBM Environment: Deepwater Indonesia Case History**
H.S. Farahani and A. Brandl, Baker Hughes

1710 24743 **Experience and Lessons Learned from the Jet-In and Drill-Ahead Operation During Malaysia Deepwater Drilling Operations**
T. Maniam, K.M. Lim and S. Punniamoorthy, Baker Hughes

Tuesday, 25 March • 1530-1730 hours
TECHNICAL SESSION 6: ASSET INTEGRITY DESIGN
Room 410, Level 4

Session Chairpersons:
Eddy Goh, WorleyParsons Services
Nancy Chan, Fugro Singapore Pte. Ltd.

Time Paper
1530 24786 **Optimised Fatigue and Reliability RBI Program for Requalification, Life Extension and Integrity Management of Offshore Structure**
A. Nezamian and E. Clarke, WorleyParsons

1555 25021 **Requalification of Offshore Jacket Structures in Malaysian Waters**
M.S. Ayob, K. Mukherjee, A.E. Kajuputra, B.S. Wong and F.M. Salleh, PETRONAS, Group Technical Solutions

1620 24709 **Cathodic Protection Assessment by Means of Multiple Calibration Techniques for Integrity Management and Life Extension of Offshore Facilities**
A. Nezamian and J. Sucharov, WorleyParsons

1645 24734 **Managing Life Extension Programs for Ageing Floating Offshore Facilities**
B. Gibbs and T. Graf, ABSG Consulting Inc.

1710 24986 **Executing Brownfield Projects**
F. Visser and R. Brouwer, Shell Global Solutions Intl. B.V

Wednesday, 26 March • 1400-1600 hours
TECHNICAL SESSION 7: OFFSHORE INSTALLATION AND CONSTRUCTION
Room 401/402, Level 4

Session Chairpersons:
Jason Hewlett, Fugro-TSM
Yvan Jacobzone, Technip

Time Paper
1400 24835 **Centrifuge and Numerical Modelling of Reaming as Mitigation Measure for Spudcan-Footprint Interaction**
Hartono, National U. of Singapore; K.K. Tho, Fugro Singapore Pte. Ltd.; and C.F. Leung and Y.K. Chow, National U. of Singapore

1425 25037 **Soil Strength Degradation Due to SCR's Vertical Motion at Touchdown Zone**
H.J.E. Hu, Fugro Singapore Pte. Ltd.; C.F. Leung, Y.K. Chow and A.C. Palmer, National U. of Singapore; and H.C.N. Chan, Fugro Singapore Pte. Ltd.

1450 24681 **Back Analysis of Foundation Pile Design for Liwan 3-1 Offshore Platform**
X. Zhang, Y. Liu, M. Guo, H. Yin and H. Huang, China Offshore Oil Engineer Co., Ltd.

1515 24833 **Applications and Performance of Trenching Technologies in Asia-Pacific**
P. Brunning, Subsea 7, and J. Machin, UTEC Geomarine

1540 24911 **Stinger Stiffness and Its Effect on Deepwater Lay Analyses**
S. Gunawan, G. Lim and C.H. Lee, Subsea7

Wednesday, 26 March • 1400-1600 hours
TECHNICAL SESSION 8: OFFSHORE EMERGENCY RESPONSE AND RECOVERY
Room 405, Level 4

Session Chairpersons:
Hasliza Othman, PETRONAS
Syahrini Mokhtar, PETRONAS

Time Paper
1400 24980 **Remote Control Systems Advance Offshore EPRS**
G. Lim, T.D. Williamson Inc.

1425 25028 **Ultrasonic Gas Leak Detection**
E. Sizeland and A. Croft, Groveley Detection Ltd., and A. Leong, Emerson Process Management AP Pte. Ltd.