PROGRAMME

Monday, 7 October 2019

07:30 - 08:30 Coffee Registration: Foyer – Museum Ballroom 1
08:30 - 08:35 Welcome Address by Committee Co-Chairs
08:35 - 08:45 Opening Address by Abdul Razak, Vice President, Exploration Geophysics & Geology Division, ADNOC

SESSION 1 EXPLORATION AND DEVELOPMENT STRATEGIES FOR DEEP TARGETS
Session Chair: Martin Jagger & Anas Al-Shehhi
09:05 - 09:25 KEYNOTE: The Role of Seismic Acquisition and Processing for Deep Exploration in Kuwait
Ahmed Tawfiq, Kuwait Oil Company (KOC)
09:25 - 09:40 Seismic Acquisition Aiming at Diverse Terrain and Deep Targets: Strategies and Advances of Recent 10 years in Western China
Chen Yingpeng, BGP-CNPC
09:40 - 09:55 Seismic Acquisition Aiming at Diverse Terrain and Deep Targets: Strategies and Advances of Recent 10 years in China
Zhao Mingqiu, BGP-CNPC
09:55 - 10:00 Structural and Facies Analysis in the Tanqura Region
Mg. Rana, Petroleum
10:00 - 10:15 Modernized Discussion – 20 min
10:15 - 10:30 COFFEE BREAK – 20 min – Foyer
10:30 - 10:45 COFFEE BREAK – 20 min – Foyer

SESSION 2 ACQUISITION REQUIREMENTS FOR DEEP EXPLORATION
Session Chair: Tomohide Ishiyama & Paul Sandvik
11:00 - 11:25 Seismic Acquisition Aiming at diverse Terrain and Deep Targets: Strategies and Advances of Recent 10 years in Western China
Dr. U. Jantunen, BGP-CNPC
11:25 - 11:50 The World’s Largest Continuous Shales and Oilfields: 3D Seismic Survey Aims at Shallow and Deep Gas Targets
Seb Malmberg, ADNOC
11:50 - 12:15 Results of a Multi-Discipline Test over Pre-Salt Carbonate Targets
Marc Rocke, Polarcus
12:15 - 12:35 Modernized Discussion – 20 min
12:35 - 12:50 Group Photo – 15 min
12:50 - 13:00 LUNCH – 1 hr – Rosewater Restaurant

SESSION 3 HYDROCARBON SYSTEM
Session Chair: Oliver Laurent & Ahmed Taher
13:50 - 14:15 Paleozoic Hydrocarbon System in Abu Dhabi
Ahmed Taher, ADNOC
14:15 - 14:40 Triassic Source Rock Potential and its Contribution to Deep Gas Accumulations in Kuwait
Ahmed Al-Khalifeh, Kuwait Oil Company (KOC)
Tomohide Ishiyama, Petroleum
15:05 - 15:20 Modernized Discussion – 20 min
15:20 - 15:40 COFFEE BREAK – 20 min – Foyer

SESSION 4 CASE STUDIES AND LESSONS LEARNED FOR FINDING NEW PLAYS 1
Session Chair: Abdullah Saeed & Tim Brown
15:45 - 16:10 Pre-drill Seismic Data Gathering Strategy – Learning and Best Practice from Abu Dhabi Offshore Fields
Shokri Shaker, ADNOC
16:10 - 16:35 Interpretation Challenges for Deep Plugs of Triassic and Paleozoic Age in Kuwait
Ali Ahmed Hussein, WesternGeco
16:35 - 17:00 Sweet Spot Determination within Pericontinental Klippen (6D interval) using 3D Pre-Stack Time Migration (PSTM) Seismic in Deep Gas Reservoir Offshore Field, BGC
Kameran Jee, ADNOC
17:00 - 17:20 Modernized Discussion – 20 min

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SESSION 5 CASE STUDIES AND LESSONS LEARNED FOR FINDING NEW PLAYS 2
Session Chair: Abdul Razak & Ahmed Taher
08:30 - 08:55 Early Shahrniyab Shallow Claystones and Associated Deep Water Channel Complexes in Saudi Arabia
Ali Ahmed Hussein, WesternGeco
08:55 - 09:20 Integrated Reservoir Characterization of Fractured Basement to Onshore Reservoirs
Sohaila Chakravarti, Schlumberger
09:20 - 09:45 A technique for mapping Clastic Reservoir Truncations within the Paleozoic Section in Saudi Arabia
Hadeel Alsalami, Saudi Aramco
09:45 - 10:05 Modernized Discussion – 20 min
10:05 - 10:25 COFFEE BREAK – 20 min – Foyer

SESSION 6 PROCESSING REQUIREMENTS FOR DEEP EXPLORATION
Session Chair: Adel El Emam & Bertrand Tertrais
10:25 - 10:50 Advanced Seismic Processing for Improved Imaging of the Deep Targets – Case Study from Onshore Kuwait
Ahmed El Moumen, WesternGeco
10:50 - 11:15 Velocity Model Building Strategy for Imaging Deep Low Relief Structures in Hongqi Gas Field
Zhao Meng, BGP-CNPC
11:15 - 11:40 Amplitude Recovery of Deep Weak Signals on Land and its Application to Deep Gas Exploration in China
Chen Yingpeng, BGP-CNPC
11:40 - 12:00 Modernized Discussion – 20 min
12:00 - 12:30 Committee Appreciation Awards – 30 min
12:30 - 13:00 LUNCH – 1 hr – Rosewater Restaurant

SESSION 7 DEEP UNCONVENTIONAL PLAYS
Session Chair: Salim Saeed Al Hammars & Bertrand Tertrais
John Tinnin, Baker Hughes
13:55 - 14:20 Integrated Approach to Evaluate Sweet Spot of Unconventional Diyab
Safdar Khan, Schlumberger
14:20 - 14:40 SANDWEL Video Reception
14:40 - 16:00 ICEBREAKER RECEPTION
16:30 - 20:30 BUS DEPARTS – Louvre Abu Dhabi

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SESSION 8 NON-SEISMIC REQUIREMENTS FOR DEEP IMAGING
Session Chair: Rolf Kjellerup & Kamil Brink
10:25 - 10:50 KEYNOTE: Multiphysics Integration: Statics Box and One Unit
Lucas MacGregor, Schlumberger
11:15 - 11:40 Magnetostatics: a Successful Complementary Tool for Deep Exploration in the Bolivian Foothills
Fabien Gilbert, Total
11:40 - 12:00 Modernized Discussion – 20 min
12:00 - 13:00 LUNCH – 1 hr – Rosewater Restaurant

SESSION 9 RESERVOIR CHARACTERIZATION/FRACTURES
Session Chair: Ahmed Taher & Taiwen Chen
13:00 - 13:25 The Value of Seismic Reservoir Characterization and Fracture Detection in Tight Gas Reservoirs
Haidar Qatari, Saudi Aramco
Ali Ahmed Hussein, WesternGeco
13:50 - 14:15 Verification of Seismic-based Fracture Characterization Methods
Haidar Qatari, Saudi Aramco
14:15 - 14:35 Modernized Discussion – 20 min
14:35 - 14:55 COFFEE BREAK – 20 min – Foyer

SESSION 10 ROLE OF GEOMECHANICS IN DEEP EXPLORATION
Session Chair: John Tinnin & Fabien Gilbert
14:35 - 14:55 Geomechanics for Deep Exploration: From Drilling to Production
Abdulrahman Al-Ajmi, ADNOC
14:55 - 15:20 Experimental Hydraulic Fracturing of Devonian Sandstones under Triaxial Stress State
Rashed Al-Aujabi, Kuwait University
15:20 - 15:45 Role of Geomechanics in Effective Exploitation of Deep Gas Reservoirs
Salar Khan, Schlumberger
15:45 - 16:15 Modernized Discussion – 20 min
16:15 - 16:45 COFFEE BREAK – 20 min – Foyer

SESSION 11 DRILLING CHALLENGES AND TECHNOLOGIES
Session Chair: Salim Saeed Al Hammars & Turki Al-Wehbe
14:55 - 15:20 South Africa Drilling Exploration Project
Matthew Petrie, Tullow
15:20 - 15:45 Utilizing Seismic Data to de-Risk Deep Drilling
Pavel Vasilyev, Schlumberger
15:45 - 16:10 Drilling Challenges and Geo-steering Technology in Faisal Shale Gas Field
Peng Liao, Yangtze Normal University
16:10 - 16:40 Modernized Discussion – 20 min
16:40 - 17:00 Wrap-up – 20 min