Monday, 18 February 2019

07:30 - 08:25 Registration Check-in
Coffee, tea, juices and morning refreshments available
08:25 - 08:30 Welcome Address by Committee Co-Chairs, Mohammed Badri & Mohammed Kanfar
Welcome Address by Robert Stewart, SEG President
Opening Address by Khalid Al-Abduljabbar, Saudi Aramco
09:25 - 09:45 SESSION 1  RESERVOIR CHARACTERIZATION I
Session Chairs: Beth Rees & Mohammed Al Hussain
SESSION 2  RESERVOIR CHARACTERIZATION II
Session Chairs: Beth Rees & Mohammed Al Hussain
10:45 - 11:05 An Introduction to VSP for Gas Detection Using Seismic-Frequency Attributes—Ali Almahozi, Saudi Aramco
11:05 - 11:25 Seismic Inversion of Broadband WAZ Data Unlocks a Classic Play in the Sultanate of Oman—Mishaal S. Harbi, Saudi Aramco
11:25 - 11:45 Optimizing Secondary Recovery and Improving Recovery by Optimum Well Placement in Matura Fields—Abdulqader Al-Asheh, Baker Hughes
11:45 - 12:15 Registration Check-in
12:15 - 12:50 LUNCH – 1 hr 5 min – Al-Andalus Ballroom (B&C)
12:50 - 13:10 SESSION 3  RESERVOIR GEOPHYSICS AND APPLICATIONS
Session Chairs: Mohammed Al Hussain & Bader Al-Ajmi
13:10 - 13:30 Added Value of Seismic Inversion in Field Development Optimization—Musaal Al Kheiry, Saudi Aramco
13:50 - 14:10 Smart Placement of Drains in Uncertain Reservoirs—Performance and Optimize Cost—Bader Al Otaibi, Saudi Aramco
14:10 - 14:30 Looking Ahead of the Bit Using Joint Facies/Impedance Inversion on a VSP—Frank Antonsen, Equinor ASA
14:30 - 14:50小伙 Localization of Drains in Desertian Reservoirs—Abdelaziz Alhammad, Saudi Aramco
14:50 - 15:10 COFFEE BREAK – 20 min – Al-Andalus Ballroom I&C
15:10 - 15:30 SESSION 4  ADVANCES IN GEOPHYSICAL MEASUREMENTS FOR DRILLING AN WELL PLACEMENT
Session Chairs: Ahmed Gawar & Ennadjala Brecheb
15:30 - 15:50 DateTime Detection: A New Tool for Characterizing Drilling and Well Placement—Ahmed Al-Asheh, Baker Hughes
15:50 - 16:10 BHA Detected Sand Images Enable Efficient and Successful Horizontal Well Drilling—Gunawan Romli, Saudi Aramco
16:10 - 16:30 Surface to Borehole Controlled Source SM – Potential in Well Placement Applications—Mustafa Alshehri, Schlumberger
18:00 - 20:00 ICBREAKER RECEPTION – Salamar Lounge

Tuesday, 19 February 2019

08:30 - 08:50 Opening Address by Sami Alnimat, SPE President
08:50 - 09:10 SESSION 5  DRILLING CHALLENGES
Session Chair: Mohammed Karfar & Hemant Singh
KEYNOTE: Drilling with Precision Using AI and Automation—Ram Saleh, Saudi Aramco
09:10 - 09:30 Challenges in Successful Well Placement for Development of North Kuwait Deep Carbonate Field – Scenario Perspective—Peter Votea Angels, Kuwait Oil Company
09:30 - 09:50 Impact of Real-Time Optimization and Seismic Enhancements to Enhance Performance and Optimize Cost—Ali Al Dabyah, Baker Hughes
09:50 - 10:10 Integrate Drilling, Geological & Geophysical Data for Better Drilling Prediction Models—Bader Al Dabyah, Saudi Aramco
10:10 - 10:40 Moderated Discussion – 30 min
10:40 - 11:00 COFFEE BREAK – 20 min – Al-Andalus Ballroom I&C
11:00 - 11:20 SESSION 6  GEOPHYSICAL IMAGING FOR DRILLING
Session Chair: Salmaan Fanar
11:20 - 11:40 Implementing VSP Look Ahead Inversion to Predict Pressure and Flow of Water—Salam Al Baba, Saudi Aramco
11:40 - 12:00 Moderated Discussion – 20 min
12:00 - 13:00 LUNCH – 1 hr – Al-Andalus Ballroom I&C
13:00 - 13:20 SESSION 7  UNCERTAINTIES IN DRILLING AND WELL PLACEMENT
Session Chairs: Mohammed Badri & Mohammed Kanfar
13:50 - 14:10 Enhanced Well Placement through Seismic Integration—Ahmed Al-Ali, Halliburton
14:10 - 14:30 Drilling Survey Challenges and Uncertainty while Landing and Stepping the Well—Ram Saleh, Saudi Aramco
14:30 - 14:50 Smart Placement of Drains in Desertian Reservoirs—Abdelaziz Alhammad, Saudi Aramco
14:50 - 15:10 COFFEE BREAK – 20 min – Al-Andalus Ballroom I&C
15:10 - 15:30 SESSION 8  DOWNTIME ADVANCED GEOPHYSICAL METHOD
Session Chairs: Mohammed Badri & Mohamed Al Hinai
15:30 - 15:50 Are We Using Seismic Data to its Full Potential for Drilling?—Emad A. Al-Hemyari, Saudi Aramco
16:10 - 16:40 Moderated Discussion – 30 min
16:40 - 17:00 Wrap-up by Committee Chairs – 20 min

Wednesday, 20 February 2019

08:30 - 08:50 SESSION 9  REAL-TIME GEOMECHANICS USING THE GEOPHYSICAL MEASUREMENTS
Session Chairs: Hamid Al-Hemyari & Mohammad Al Hinai
KEYNOTE: Real-Time Seismic-Driven Drilling Application Potentials and Challenges—Khalfan Al-Ammi, Saudi Aramco
09:10 - 09:30 Bridging Seismic and Drilling Optimisation: What Will Be Geomechanics’ Role? —Gaiseri Masrud, Schlumberger
09:30 - 09:50 Use of Real-Time Seismic to Mitigate Wellbore Stability and its Impact on Wellbore Trajectory Control—Khalid Khan, Saudi Aramco
09:50 - 10:10 Moderated Discussion – 25 min
10:10 - 10:30 COFFEE BREAK – 15 min – Al-Andalus Ballroom I&C
10:30 - 10:50 SESSION 10  REAL-TIME GEOSTEERING OF HORIZONTAL WELLS
Session Chairs: Mohamed Al Hinai & Saman Parand
10:50 - 11:10 Look-Ahead of Bit while Drilling Driven by Geophysics and Ultra-Deep Directional Reservoir Mapping Technology—Done Simen, Schlumberger
11:10 - 11:30 Extended Reach Wellbore Geosteering Optimization through Real-Time Petrophysical Techniques—Mohamed El Harbi, Saudi Aramco
11:30 - 11:50 Reservoir Steering by 3D Imaging Around and Ahead of the Bit Using Deep Directional Resistivity Measurements – State of the Art—Oussama Omarzaki, Schlumberger
11:50 - 12:15 Real Time Advanced Characterisation on Cuttings Enhance Geosteering in Complex Drilling—Abderrahim Lafram, Total
12:15 - 12:35 MODERATED DISCUSSION – 25 min
12:35 - 13:00 LUNCH – 1 hr – Al-Andalus Ballroom I&C
13:00 - 13:20 SESSION 11  INDUSTRIAL REVOLUTION 4.0 APPLICATIONS
Session Chairs: Mohammed Badri & Mohammed Kanfar
13:55 - 14:15 Transforming Well Construction and Delivery through Digital Twin Technology—Jeremy Parfitt, Halliburton
14:15 - 14:35 Smartzone Data Integration Enables Advanced Real-Time Geosteering for Well Placement Optimization—Ran Pili, Ennadjala Brecheb, Schlumberger
14:35 - 14:50 MODERATED DISCUSSION – 25 min
14:50 - 15:15 COFFEE BREAK – 15 min – Al-Andalus Ballroom I&C
15:15 - 15:35 SESSION 12  CASE STUDIES AND BEST PRACTICES IN DRILLING AND WELL PLACEMENT USING GEOPHYSICAL DATA
Session Chairs: Bader Al-Ajmi & Hemant Singh
15:55 - 16:15 Wrap-up by Committee Chairs – 20 min
16:15 - 16:40 MODERATED DISCUSSION – 25 min
16:40 - 17:00 Wrap-up by Committee Chairs – 20 min