



SPWLA ABU DHABI CHAPTER TOPICAL CONFERENCE December 13 and 14, 2021.

Reservoir Fluid Surveillance, Today and Beyond.

Monday December 13, 2021.

LINK	Click here to join the meeting	
7:45	Welcome, Safety Moment - Maniesh Singh (Chapter President)	
8:00	Topical Conference Opening Speech - Hesham Shebli (A/Head of Discipline, Geoscience, ADNOC Upstream)	
8:10	Keynote Speaker - "Evolution of Surveillance Through Time" - Dale Fitz, ExxonMobil Cased Hole Expert (Retired)	
Session 1 - Wellbore Flow Profiling		
		Moderators
8:50	Using Downhole Fiber Optic Sensing Technology to Monitor, Control and Improve Well Performance	Dr. Ding Zhu (Texas University).
9:20	Distributed Fiber Optics Sensing for Downhole Well Multiphase Production Profiling: Examples, Advantages and Challenges	Cerrahoglu, C., Delfino, A., Mendoza, A. and Noble, L. (LYTT Limited).
9:50	Data Quality Methods and Flow Profiling Using Distributed Temperature Sensing	Iko Oguche (Tendeka).
10:20	10 Minute Program Break	
10:30	A proactive selection of reservoir flow profiling techniques for an efficient field management	Alexey Tveritnev and Ahmed Saber Abdel Aziz (ADNOC-Onshore).
11:00	Enhanced Flow Profile Evaluation by combining Acoustic Noise Log and Thermal Modeling in Complex Design Wells	Abdullah Manea (OilServ). Dr. Ihsan Murat (GOK NESR). Peter Raouf, Alfir Yakupov, Moustafa Ismail, Marvin Rourke and Neil Sookram (GOWell). Gladwin Correia (ADNOC Offshore). Edward Jason Wheatley (ADNOC Offshore). Antoine El-Kadi, Vasily Skutin (TGT Diagnostics).
11:30	Wellbore Injection / Production Profiling using Array sensor PLTs	Ali Anbari, Mahmood Al Harthi, Suryendu Choudhury, Evert-Jan Borkent, Peter In 'T Panhuis, Gijs Hemink, Mundhr Al Yahmadi, Hawra Abdul Abbas and Marpaung Morianta (PDO).
12:00	Using New Intervention-less Surveillance Technologies to Optimize the implementation of Waterflood	
12:20	20 Minute Prayer / Lunch Break	
Session 2 - Near Wellbore Saturation and Fluid Movement		
		Moderators
12:50	Integrated reservoir fluid characterization by using LWD sonic and advanced mud logging: Case study of a giant oil field in offshore Abu Dhabi	Kazumasa Honda (ADNOC-Offshore).
13:20	Carbonate Brownfield Development, the Role of Pulsed Neutron Logging, Offshore Abu Dhabi	A.M. Serry, Sharifa Yousif and Abdelkader Aissaoui (ADNOC Offshore).
13:50	Residual Oil Saturation estimation, A big challenge for Surveillance in North Oman Carbonate fields	Marta Becerra Ruiz and Yusra Daoudi (PDO).
14:20	10 Minute Program Break	
14:30	Fluid monitoring in a large field in North Oman to maximize UR	Kholood Nofli, Kavita Agarwal, Yusra Daoudi and Tim Duggan (PDO).
15:00	Gas front Evaluation using PNX Tool in Giant Carbonate Tight Formation	Arlen Sarsekov (ADNOC Offshore).
15:30	Reverse time-lapse technique for moveable gas identification- Lookback	Khalsa Al-Shukri and Rinat Lukmanov (PDO).
16:00	Using Logging While Tripping (LWT) in Reservoir Fluid Surveillance – Case Studies in the Middle East Area	Yassin Sallam (ADNOC OnShore). Fathy EL Wazeer (Al Mansoori Logging Services). Maarten Propper (Cordax Evaluation Technologies).
16:30	Closing Remarks - Jennifer D. Leon (Chapter Communications)	
Tuesday December 14, 2021.		
LINK	Click here to join the meeting	
7:45	Welcome, Safety Moment - Omar Alfariis (Chapter Vice President)	
8:00	Keynote Speaker - "3D Surveillance" - Michael Wilt, Staff Scientist, Lawrence Berkeley National Laboratory	
Session 3 - Far Field Saturation and Fluid Movement		
		Moderators
8:40	4D seismic results from non-repeated OBC surveys in shallow marine Abu Dhabi for late Jurassic carbonates.	Ahmed Saeed Alkaabi, Muhammad Waqas and Lian Hou (ADNOC Offshore). Konstantin Bykov and Sung Yuh (TotalEnergies).
9:10	Seafloor gravity and subsidence monitoring as a mature, cost-efficient alternative to 4D seismic	Hugo Ruiz and John Even Lindgård (OCTIO Gravitude AS).
9:40	Fiber Optics (DAS-DTS) Prerequisite and Deployment Strategy	Yassar Goraya, Fazeel Akram, Tomohide Ishiyama, Dr. Rahul, Amna Rashid Al Hmoudi and Ali Saeed Alfelasi (ADNOC Offshore).
10:10	10 Minute Program Break	
10:20	Monitoring Injection Processes and their Reservoir Effects with Fiber Optic Measurements	J. Andres Chavarria and Marcel Grubert (OptaSense Inc).
10:50	Mapping fluid front in Carbonates using Electromagnetic	P. Soupios (King Fahd University of Petroleum and Minerals). S. Davydcheva and K. Strack (KMS Technologies).
11:20	Successful In-depth Understanding & Mapping of Water Slumping Fronts Using Ultra-Deep LWD Electromagnetic Directional Resistivity in ADNOC Onshore Carbonate Reservoirs	Maniesh Singh, Mariam N. M. Al Baloushi, Parmanand Thakur, Maisoon M. Al Mansoori, Ibrahim Abdelgaffar Seddik , Sami Abdalla AlSaadi, Ahmed S. Al Mesafri, Saif Al Arfi, Mohamed El Gohary and Salem El-Abd Salem (ADNOC Onshore). Doug Boyd and Nader Gerges (ADNOC Upstream).
11:40	Extra Deep Azimuthal Resistivity Application in Maximizing Production Potential and Reducing Reservoir Uncertainty in a Long Horizontal Drain: Mitigating Challenges Due to Heterogeneity in Thin Target Carbonate Reservoirs associated with Water Encroachment in a Mature Field A case study from Abu Dhabi Offshore	Hocine Amor Khemissa, Omar Imad Al Mutwali, Alawi Yaseen Al Safi, Muhammad Ashraf, Sundos Ibrahim Alabed, Ali Saeed Alfelasi (ADNOC Offshore). Asim Mumtaz, Sanathoi Potshangbam, Romie Valerio, Mohammed Rawy and Mahmoud Hameed (Baker Hughes).
11:50	20 Minute Prayer / Lunch Break	
Session 4 - Achieving Fluid Flow Conformance		
		Moderator
12:10	Assessment of Autonomous Inflow Conformance Valve completion in horizontal well to control gas entry by using Spectral Noise logging to identify cross flow and valve choking	Tim Duggan and Khalid Zuhaimi (PDO).
12:40	Unlocking Solutions in Oil Field Production: Innovative & Advanced Autonomous Flow Control Device Application	Maryvi Martinez, Jhon Ortiz, Alya Alblooshi, Firdaus Bin Mohamed Noordin, Bhanu Bethapudi, Dicky Trisnadi, Mohammed Salawu and Ali Soufi (ADNOC Onshore). Tawheed Mohammed (Tendeka).
13:10	Saturation Distribution Characterisation of Tight Carbonate Rocks using High Resolution Logging While Drilling Logs for Optimization of Acid Stimulation with Fishbone Technologies; A Case Study from Offshore Abu Dhabi	Sundos Alabed, Hocine Khemissa (ADNOC Offshore). Wael Fares, Ahmet Aki and Ahmed El Gammal (Halliburton).
13:40	Ultrasonic Borehole Imaging in the Logging While Drilling Domain in all Mud Types; A Case Study in Offshore Abu Dhabi	Hassan Mostafa Mohamed, Basit Altaf (ADNOC Offshore); Ahmed Montasser, Wael Fares and Ahmet Aki (Halliburton).
14:10	10 Minute Program Break	
Session 5 - Explaining Why Fluids Move the Way They Do.		
		Moderator
14:20	Geological concept appropriateness in understanding reservoir heterogeneity, fluid flow drivers and water movement in Abu Dhabi carbonate reservoirs	Ewart Edwards (ADNOC-Offshore) and Christoph Lehmann (ADNOC-Onshore).
14:50	Fluid Movement, the Geological Reasons Behind it and its Control	Tony Thomas, Vikram Kumar and Sangeeta Singhal (ADNOC Onshore).
15:20	Importance of the Fracture Corridors on the Production Performance and Early Water Breakthrough in Thamama Reservoir Development	I. Makar (OMV E&P GmbH). H. Mohamed, R. Abdulla and A. Allouti (ADNOC Offshore).
15:50	Closing Remarks - Doug Boyd (Chapter Technical Coordinator)	