



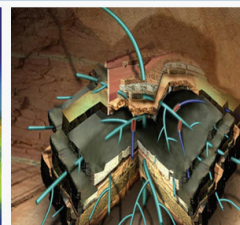
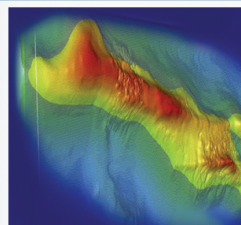
The Saudi Meeting on Oil and Natural Gas Exploration and Production Technologies

2008

6-8 January

Preliminary Technical Program

King Faisal Conference Hall, Riyadh Intercontinental.
Riyadh - Saudi Arabia





Dr. Sami Al-Neaim, the Chairman of the Scientific Committee

Welcome Message

On behalf of the organizing and scientific committees, I am honored to welcome you to the Saudi Meeting on Oil and Gas Exploration and Production Technologies (OGEP 2008) to be held in Riyadh January 6-8, 2008 under the auspices of the Minister of Petroleum and Mineral Resources His Excellency Ali Naimi. The OGEP 2008 theme is "Towards Local Research & Development" reflecting the importance of the upstream research & technologies in helping the Kingdom and the oil industry to respond to the unprecedented global demand for energy. Saudi Arabia has initiated several upstream development programs to increase its maximum sustainable production capacity to 12.5 million barrels of crude oil per day by 2012. This, coupled with the startup of most of the upstream drilling activities by the international oil companies exploring for non-associated gas, presents challenges that can only be overcome with focused minds and advances in the leading edge technologies through sustained investments in local research and development (R&D). The meeting provides a great opportunity for the industry professionals, academics, and researchers to meet and share views, expertise and knowledge, and to promote the latest industry research and technology.

The technical program was carefully selected to reflect the new technologies being developed and implemented in the industry. The program includes 14 technical sessions with more than 27 Keynote and Invited Speeches delivered by the top experts/world-authorities in their respected areas. In addition, the program contains more than 50 oral presentation, 30 poster presentations and one day field trip to nearby geological outcrops. Furthermore, the following three high level panel discussions are included:

- The National Plan to Develop and Localize Petroleum & Gas Technologies
- Saudi Arabian Upstream Research & Development Challenges
- Local Content of Oil & Gas Technologies

I would like to sincerely thank all the keynote/invited speakers, authors, presenters, panelists, and sessions' chairmen for accepting our invitation to participate in this important technical event. Special thanks to the supervisory and technical committees members, without whom we couldn't have developed such program. I will be delighted to welcome every one of you, including our dear in-kingdom and out-of-kingdom delegates in this event.

The Scientific & Technical Program Committee Members

Chairman:



Dr. Sami Al-Neaim
Saudi Aramco

Members:



Dr. Abdulaziz Al Laboun
King Saudi University



Dr. Abdulaziz Al-Majed
King Fahd University of
Petroleum & Minerals



Dr. Abdumohsin Al-Dulaijan
SRAK



Dr. Khalid Al-Rufaii
Saudi Aramco



Dr. Musaed Al-Awad
King Saud University



Dr. Abdullatif Al-Shuhail
King Fahd University of
Petroleum & Minerals



Dr. Abdulrahman Al-Quraishi
King Abdulaziz City
for Science & Technologies



Dr. Muhammad Badri
Schlumberger



Mr. John Garrity
Saudi Arabian Chevron



Mr. Abdullah Al-Jof
Ministry of Petroleum
& Minerals Resources



Mr. Ameen Al-Humidi
Ministry of Petroleum
& Minerals Resources



Mr. Saud Al-Haloli
Ministry of Petroleum
& Minerals Resources

8:30 – 10:00 am

Opening Ceremony (Central Hall): H.E. the Minister of Petroleum and Minerals
Resources Speech + Exhibition Tour


10:15 – 12:15 pm

Session 1 (Hall A): Hydrocarbon Exploration in Frontier Areas:

Session Chairmen:

Dr. Abdulaziz Al Laboun, KSU

Mr. Mike Koch, Chevron

	Title	Author(s)	Affiliation
Keynote Speech	Of Elephants and Lions - Skill and Serendipity in Hydrocarbon Exploration	Walter Voggenreiter 	Evaluation Manager, SRAK
Oral Presentation	Facies and Stratigraphy of the Dibsiyah and Sanamah Members of the Wajid Sandstone in Southwest Saudi Arabia	Jean Loup Rubino et. al	Total, SRAK, Saudi Aramco, Shell
Oral Presentation	Integrated Hydrocarbon Charge Modeling of the South Rub 'al Khali Basin	Andrew Bell	Shell
Oral Presentation	Formation Evaluation through wireline in hostile conditions of Ubaylah-2 well, Rub Al-Khali, Saudi Arabia.	J Vicens and M. Hassan	Schlumberger & EniRepSa
Oral Presentation	Paleozoic Tectono-Stratigraphic Framework of Saudi Arabia	Abdulaziz Laboun	KSU
Alternate & Poster Presentation	Integrated Geology and Geophysical Evaluation to Constrain Glacial Paleo-Topography, Sarah and Qasim Formations in the South Rub `al Khali Basin	Geoff Pike	SRAK




10:15 – 12:15 pm

Session 2 (Hall B): Drilling Technologies:

Session Chairmen:

Mr. Omar Husaini, Saudi Aramco

Dr. Abdulaziz Al-Majed, KFUPM

	Title	Author(s)		Title & Affiliation
Keynote Speech	Growing Global Demand....Drilling Prospective	Zuhair Al-Hussain,		Executive Director, Drilling & Workover, Saudi Aramco
Keynote Speech	How Do We Choose the Right Technology	David Payne		Vice President Drilling & Completions Chevron Global Upstream
Invited Speech	Advancement and Economic Benefit of Directional Deep-Reading and Geosteering Technology	Michael Bittar		Technology Fellow, Halliburton
Oral Presentation	Insuring 8 1/2" hole in reservoir for deep gas wells: the Lean Profile Solution	Antonio Radossi		EniRepsa Gas Ltd.
Oral Presentation	A New Development Re-entry Solution Using Expandable and Rotary Steerable Drilling	Khalifa M. Al-Amri		Saudi Aramco
Alternate & Poster Presentation	FORMLock TORXS – Linear Drilling Technology. A Robust Liner System for Liner Drilling and Ream down Applications	Rustom K. Mody et. al.		Baker Hughes Inc., (Division – Baker Oil Tools)
Alternate & Poster Presentation	Development of New Retarder Systems to Mitigate Differential Cement	Mohammad Al-Arfaj		Saudi Aramco

10:15 – 12:15 pm

Poster Session number 1 (Exploration Technologies: See Poster's 1 Table)

12:15 – 01:30 pm

Lunch and Prayer Break




1:30 – 3:30 pm

Session 3 (Hall A): Non-conventional Exploration Methods

Chairmen:

Dr. Abdumohsin Al-Dulaijan, SRAK

Dr. Mike Wilt, Schlumberger

	Title	Author(s)		Title & Affiliation
Keynote Speech	New Exploration Challenges and Technologies: Back to the Future	Dirk Smit		Head of Exploration Research and Innovation in Shell International and Exploration and Production Shell
Invited Speech	Seismic Spectroscopy using amplified 3C geophones	Pieter van Mastrigt		Head of Seismic Processing, SRAK
Invited Speech	Deep Hydrocarbon Exploration using Electromagnetic Methods	Don Watts		Western Geo-system, Schlumberger
Oral Presentation	Trial of Low Frequency technology for deep gas exploration in a frontier area	Rob Habiger et. al.		Spectraseis Technologies, Switzerland
Oral Presentation	Tilt-Depth Method : A Simple Depth Estimation Method Using First Order Magnetic Derivatives	Ahmad Salem et. al.		GETECH, Japan
Alternate & Poster Presentation	Two and Half-Dimensional Gravity Modeling to Delineate the Structures of the Western Abu Gharadig Basin, Western Desert, Egypt	Ahmed A. El-Khafeef		Egyptian Petroleum Research Institute (EPRI), Egypt



1:30 – 3:30 pm

Session 4 (Hall B): Enhanced Oil Recovery

Chairmen:

Dr. Ali Meshari, Saudi Aramco

Dr. Mohammed Amro, KSU

	Title	Author(s)		Title & Affiliation
Keynote Speech	Enhanced Oil Recovery's Role in Reserve Growth	Larry Lake		Chairman PE Department, University of Texas @ Austin
Invited Speech	Enhanced Oil Recovery for Improving Production Efficiency and Recovery in Existing Fields	Ganesh Thakur		Global Advisor – Reservoir Management & Chevron Fellow
Oral Presentation	Steam Flood Piloting the Wafra Field Eocene Reservoir in the Partitioned Neutral Zone Between Saudi Arabia and Kuwait	Degenhardt et. al.		Chevron
Oral Presentation	Experimental Investigation of CO ₂ Miscible Flooding in an Oil Reservoir in Saudi Arabia	Habib Menouar et. al.		KFUPM
Oral Presentation	The New Technology of Oil and Gas Production and Recovery Increase	Ikram Kerimov		Azerbaijan National Academy of Science
Alternate & Poster Presentation	Laboratory Investigation of CO ₂ Miscible Flooding	Eissa Shokir et. al.		KSU, KACST
Alternate & Poster Presentation	Enhanced Oil Recovery Screening of PNZ Reservoirs	Ms. Carreras		Chevron

3:30 – 4:00 pm

Prayer Break

4:00 – 5:30 pm

Panel Discussion I (Central Hall):

The National Plan to Develop and Localize Petroleum & Gas Technologies

Moderator: Dr. Tariq Al-Khalifah, KACST

Panelist: To be announced



8:30 – 10:30 am

Session 5 (Hall A): Advances in Seismic Acquisition and Processing

Chairmen:

Dr. Khalid Rufaii, Saudi Aramco

Mr. Adel Al-Khelaiwi, SSGL

	Title	Author(s)		Title & Affiliation (s)
Keynote Speech	Advances in Acquisition and Processing of Land Seismic Data	Oz Yilmaz		Chief Technology Officer, GeoTomo LLC
Invited Speech	Processing and Finite Difference Modeling Advances Applied to Land Seismic Designs	Fred Herkenhoff		Senior Geophysical Advisor and Chevron Fellow, Chevron
Oral Presentation	An Example of High Productivity Single Vibrator 3D Acquisition	Jean-Jacques Postel		CGGVeritas Jean
Oral Presentation	Regulization and Interpolation of Sparse, Wide-azimuth Onshore and Ocean Bottom Seismic Data using a global 5-D interpolator	Gareth Williams		CGGVeritas
Oral Presentation	Evolution of Pre-Stack Multiple Suppression Based on Velocity Discrimination	Mahmoud Hedefa et. al.		Saudi Aramco
Alternate & Poster Presentation	Isharat-1 Multi Azimuth VSP	Pieter van Mastrigt and Abdulmohsin Al-Dulaijan		SRAK



8:30 – 10:30 am

Session 6 (Hall B): Advances in Reservoir Geo-mechanics & Hydraulic Fracturing

Chairmen:

Dr. Musaed Al-Awad, KSU

Mr. Kirk Bartko, Saudi Aramco

	Title	Author(s)		Title & Affiliation (s)
Keynote Speech	Advances in Reservoir Geomechanics	Younane Abousleiman		Professor & Director of the PoroMechanics Institute, University of Oklahoma
Invited Speech	Coupled modeling of stress-induced changes in rock permeability - bringing added realism to both short-term UBD management and long-term reservoir management	Brian Smart		Heriot-Watt University, UK
Oral Presentation	Insight into the Relationship between Wellbore Induced Stresses, Breakouts and in-situ Stresses	Ashraf AlTahini et. al.		Saudi Aramco
Oral Presentation	Effect of Combined In-situ Stresses and Heterogeneities on Relative Permeability of Reservoir Rock	Abdulrahman Al-Quraishi, et. al.		KACST
Oral Presentation	Fracturing Horizontal Wells: Fracture Mechanics and Reservoir Engineering	Hazim Abass et. al.		Saudi Aramco
Alternate & Poster Presentation	Evaluation of Mohr-Coulomb Failure Criterion Using Unconfined Compressive Strength	Musaed Al-Awad		KSU

10:30 – 10:45 am

Coffee Break

10:45 – 12:15 pm

Panel Discussion II (Central Hall):

Saudi Arabian Upstream Research & Development Challenges

Moderator: Dr. Nabeel Al-Afaleq, Saudi Aramco

Panelists: to be announced

10:45 – 12:15 pm

Poster Session number 2 (Drilling & Production Technologies: See Poster's 2 Table below)

12:15 – 01:30 pm

Lunch and Prayer Break



01:30 – 03:30 pm

Session 7 (Hall A): Advances in Seismic Imaging

Chairmen:

Dr. Abdullatif Al-Shuhail, KFUPM

Mr. Ashraf Khalil, SRAK

	Title	Author(s)		Title & Affiliation (s)
Keynote Speech	The relationship between seismic acquisition and image quality: advantages of new technology in the field	Craig Beasley		Vice President, WesternGeco and Schlumberger Fellow, Schlumberger
Invited Speech	Multiple Elimination on Land Seismic Data – The Saudi Aramco Experience	Panos Kelamis		Chief Geophysicist, Saudi Aramco
Oral Presentation	Near Surface Solution using the Wave Equation	Saleh Al-Saleh		Saudi Aramco
Oral Presentation	Velocity model building in depth domain for Pore Pressure Prediction	Patrizia Cibi et. al.		ENI E&P Div, Italy EniRepSa Gas LTD
Oral Presentation	Improving Seismic Processing for Deep Gas Exploration in the Rub Al-Khali	Samir Alinaizi		EniRepSa Gas LTD
Alternate & Poster Presentation	Efficient High-Resolution Seismic data to Model Near-surface Complexities	Tariq Alkhalifah		KACST


01:30 – 03:30 pm

Session 8 (Hall B): Advances in Reservoir Management

Chairmen:

Dr. Abdulrahman Al-Qurishi, KACST

Dr. Scott Meddaugh, Chevron

	Title	Author(s)		Title & Affiliation(s)
Keynote Speech	Meeting Future Challenges: The Role of Reservoir Management	Waleed Al-Mulhim		Manager, Reservoir Management, Saudi Aramco
Oral Presentation	Real time Reservoir Management from Data Acquisition Through Implementation	Saeed Al-Mubarak		Saudi Aramco
Oral Presentation	Reservoir Modeling of the Wafra First Eocene Reservoir, Partitioned Neutral Zone, Saudi Arabia and Kuwait	Meddaugh et. al.		Chevron
Oral Presentation	Data Mining for Predicting Permeability in Carbonate formation Based on Support Vector Machines	Emad El-Sebakhy		KFUPM
Oral Presentation	The use of Advanced Computations to Optimize Oil Fields Development	Tony Pham et. al.		Saudi Aramco
Alternate & Poster Presentation	Advanced Technology and Innovative Solutions Drive Field Development in Saudi Arabia	Said Al-Malki		Saudi Aramco
Alternate & Poster Presentation	Characterizing Petroleum Fractions for Simulation	Hassan Naji		King Abdulaziz University

03:30 – 04:00 pm

Coffee and Payer Break


04:00 – 05:30 pm

Session 9 (Hall A): Advances in Stimulation & Formation Damage

Chairmen:

Dr. Muhammad Badri, Schlumberger

Dr. Hamoud Al-Anazi, Aramco

	Title	Author(s)	Title & Affiliation(s)
Keynote Speech	Fracturing and Stimulation Technology Trends - A Global Approach Driven By Middle East Challenges	Steve Davies 	Schlumberger
Oral Presentation	Complex Zonal Isolation with Improved Swelling Rubber Packers	Paul McElfresh	Baker Hughes
Oral Presentation	Long Term Evaluation of an Innovative Acid System for Fracture Stimulation of Carbonate Reservoirs	Ibrahim Al-Hakami	Saudi Aramco
Oral Presentation	Advanced Selective Stimulation Technique - First Multistage Acid Frac Completion in Saudi Aramco	Saeid Mustafa El-Shourbagi	Saudi Aramco
Oral Presentation	The Use of StageFrac New Technology to Complete and Stimulate Horizontal Wells: Field Case	Hassan Al-Hussain	Saudi Aramco
Alternate & Poster Presentation	Reservoir Protection in ESP Completions	Mohammad Athar Ali	Schlumberger
Alternate & Poster Presentation	Understanding Zonal Isolation Technology Advancement, Enables Operators to choose the correct Solution for Wellbore Completions	Amy Farrar	Baker Hughes

04:00 – 05:30 pm

Session 10 (Hall B): Upstream Application of NANO Technology

Chairmen:

Dr. Mazen Kenj, Saudi Aramco

Dr. Nasr Al-Arify, KSU

	Title	Author(s)		Title & Affiliation(s)
Keynote Speech	Application of Nanotechnology in Oil and Gas	Ramanan Krishnamoorti		Professor, University of Houston
Invited Speech	Innovations in Smart Materials for Subsurface Applications	John Ullo		Project Manager, Schlumberger
Invited Speech	The Road to Acquiring In-Reservoir Nanodevices	Mazen Y. Kanj		Petroleum Engineering Specialist Saudi Aramco

Day 3: Tuesday January 8, 2008


08:30 – 10:30 am

Session 11 (Hall A): Advances in Quantitative Seismic Interpretation

Chairmen:

Mr. John Garrity, Saudi Arabian Chevron

Mr. Saleh Al-Maglouth, Aramco

	Title	Author(s)	Title & Affiliation (s)
Keynote Speech	Recent Advances in Quantitative Seismic Interpretation - The Link Between Seismic and Geomechanics	Tom Davis 	Professor of Geophysics and Director of the Reservoir Characterization Project, Department of Geophysics, Colorado School of Mines
Oral Presentation	Deterministic and Geostatistical Inversion of 3D Seismic Data and Well-Logs: Applications to Carbonate Reservoirs, Partitioned Neutral Zone (PNZ), Saudi Arabia and Kuwait	Arturo Contreras et. al.	Chevron Energy Technology Company.
Oral Presentation	Fractures Detection and Characterization for the Jurassic Carbonate Reservoirs Using 3D P-wave Prestack Seismic Data in Saudi Arabia	AbdulFattah Al-Dajani	Saudi Aramco
Oral Presentation	Joint Inversion of Ground Penetrating Radar and Seismic Velocity Data in Sandy Sediments for Porosity and Water Saturation.	Abdullatif Al-Shuhail	KFUPM
Oral Presentation	Seeing the invisible: Predicting fluid paths with an innovative new seismic attribute	Khalid Al-Hawas and Saleh Al-Dossary	Saudi Aramco



08:30 – 10:30 am

Session 12 (Hall B): Advances in Formation Evaluation & Well Testing

Chairmen:

Khalid A. Zainalabedin, Saudi Aramco

Mr. Raid BuKhamseen, LUKSAR

	Title	Author(s)		Title & Affiliation(s)
Keynote Speech	Advances in LWD resistivity imaging in conductive mud	Marian Morys		Halliburton
Keynote Speech	Stretching the limits of existing technology	John Edwards		Schlumberger
Oral Presentation	Advanced Mud Logging Techniques as Formation Evaluation support	Mohamed Hassan		EniRepSa Gas Ltd. Eni E&P Div.
Oral Presentation	Magnetic Resonance Acquisition and Processing Improvements for Saudi Arabia	Steve Crary et. al.		Schlumberger Oilfield Services + Saudi Aramco
Oral Presentation	A Practical Approach to Determine Permeability from Wireline Measurements	Ahmed Al-Harbi et. al.		Saudi Aramco Imperial College
Alternate & Poster Presentation	Detecting Fracture Porosity and Estimating Its Aperture Using the Dual Laterolog of Rudeis-Sidri Area, Gulf of Suez, Egypt	Mahmoud Ghorab and Tarek Shazly		Egyptian Petroleum Research Institute

10:30 – 10:45 am

Coffee Break

10:45 – 12:15 pm

Panel Discussion III (Central Hall):

Oil & Gas Technologies: Local Content

Moderator: Yahya Shinawi, Director General, MINPET

Panelists: to be announced later

10:45 – 12:15 pm

Poster Session number 3 (Reservoir Technologies: See Poster's 3 Table below)

12:15 – 01:30 pm

Lunch and Prayer Break



01:30 – 03:30 pm

Session 13 (Hall A): Advances in Reservoir Deep Diagnostics

Chairmen:

Mr. Abdullah Al-Jof, MINPET

Mr. Saleh Ruwaili, Saudi Aramco

	Title	Author(s)	Title & Affiliation(s)
Keynote Speech	Emerging Technologies for Fluid Movement Monitoring and Determining In-Situ Two-Phase Flow Properties and Recovery Efficiency	Fikri Kuchuk 	Fellow and Chief Reservoir Engineer, Schlumberger
Invited Speech	Imaging Reservoirs using both Electric and Seismic Energy	Bill Daily 	Multi-Phase Technologies, LLC
Oral Presentation	Deep Diagnostic Technologies for reservoir Surveillance and Saturation Monitoring; Saudi Aramco Perspective.	Saleh B. AlRuwaili	Saudi Aramco
Oral Presentation	Crosswell Electromagnetic Tomography for Waterflood Monitoring in Saudi Aramco Field	Alberto F. Marsala	Saudi Aramco
Oral Presentation	Predicted Borehole Gravimeter Response in an Oil Reservoir under Water flood	Harold Pfutzner	Schlumberger
Alternate & Poster Presentation	Large Scale Reservoir Monitoring with Nonseismic Geophysics in Saudi Arabia	Michael Wilt	Schlumberger
Alternate & Poster Presentation	Emerging Geophysical Technologies for Reservoir Monitoring in Intelligent Fields	Shivaji Dasgupta	Saudi Aramco


01:30 – 03:30 pm

Session 14 (Hall B): New Generation of Smart Wells

Chairmen:

Mr. Drew Hembling, Saudi Aramco

Mr. Suresh Jaboc, WellDynamics

	Title	Author(s)	Title & Affiliation(s)
Keynote Speech	Recovery and Economics, a shifting Paradox	Patrick Schorn, 	President Schlumberger Completions
Oral Presentation	Saudi Future Smart-Wells Design: A Game Changer in Oil Fields Operations	Abdullah Al-Qahtani	Saudi Aramco
Oral Presentation	First Commercial Deployment of an Expandable Monobore Liner Extension	Rustom Mody	Baker Hughes
Oral Presentation	Intelligent Completions Technology Offers Solutions to Optimize Production in Multi-Lateral Wells	Muhammad Shafiq	Schlumberger
Oral Presentation	Maximum Reservoir Contact Wells Equipped with Smart Well Technology: Optimization and Sustained Performance	Abdulatif Al-Omair	Saudi Aramco
Alternate & Poster Presentation	Case Histories of Improved Horizontal Well Cleanup and Sweep Efficiency with Nozzle Based Inflow Control Devices (ICD) in Sandstone and Carbonate Reservoirs	Ahmad Sunbul et. al.	Saudi Aramco
Alternate & Poster Presentation	Advanced Completions Offshore and Onshore	Steehen Dyer	Schlumberger

09:30 – 12:30 am

Field visit to a nearby geological outcrops to be organized by Saudi Aramco

Poster Session #1: Exploration Technologies

Poster & Alternate Presentation	Integrated Geology and Geophysical Evaluation to Constrain Glacial Paleo-Topography, Sarah and Qasim Formations in the South Rub `al Khali Basin	Geoff Pike	SRAK
Poster& Alternate Presentation	Two and Half-Dimensional Gravity Modeling to Delineate the Structures of the Western Abu Gharadig Basin, Western Desert, Egypt	Ahmed A. El-Khafeef,	EPRI
Poster & Alternate Presentation	Isharat-1 Multi Azimuth VSP	Pieter van Mastrigt and Abdulmohsin Al-Dulaijan	SRAK
Poster Presentation	The Saudi Aramco Test Site	Robert J. Greaves. et. al.	Saudi Aramco
Poster Presentation	Application of New Seismic Acquisition Techniques in the Partitioned Neutral Zone, Saudi Arabia and Kuwait	Al-Hakam, et. al.	
Poster Presentation	Reduced Geophone Density Array Formations	Turki Al-Ghamdi, and Maurice J. Querne	Saudi Aramco
Poster Presentation	Effect of Channel in the Weathering Layer on the Seismic Array Response	Jubran Akram and Abdullatif Al-Shuhail	KFUPM
Poster & Alternate Presentation	Efficient High-Resolution Seismic data to Model Near-surface Complexities	Tariq Alkhalifah	KACST
Poster Presentation	Optimizing DST Testing operations in Deep Gas HPHT exploration environment	Raid BuKhamseen	LUKOIL Saudi Arabia Energy Ltd.
Poster Presentation	Microseismicity triggering in a Carbonate Oil Field, North Oman.	El-Hussain, I. et. al.	Petroleum Development Oman

Poster Session #2: Drilling & Production Technologies

Alternate & Poster	Development of New Retarder Systems to Mitigate Differential Cement	Mohammad Al-arfaj	Saudi Aramco
Poster Presentation	An Innovative Tetra-Oxide/KCl Water-Based Drill-in Fluids for HT/HP Wells	Abdullah S. Al-Yami	Saudi Aramco
Alternate & Poster Presentation	Case History: World First 5-1/2" Slim Open Hole MRC Smart Completion System	Khalifa M. Al-Amri	Saudi Aramco
Poster & Presentation	Expandable Casing Applications in Workover Re-entry Environment "maximum strength with minimum restriction"	Khalifa M. Al-Amri	Saudi Aramco
Poster Presentation	Karan Deep Gas Discovery, Delineation, and Development	Al-Mahdy Jezany	Saudi Aramco
Poster & Alternate Presentation	Reservoir Protection in ESP Completions	Mohammad Athar Ali	Schlumberger
Poster Presentation	An Innovative Approach for Long Term Zonal Isolation in HT/HP Gas Wells	Abdullah Al-Yami	Saudi Aramco
Poster Presentation	Understanding Zonal Isolation Technology Advancement, Enables Operators to choose the correct Solution for Wellbore Completions	Amy Farrar	Baker Hughes
Poster Presentation	Case Histories of Improved Horizontal Well Cleanup and Sweep Efficiency with Nozzle Based Inflow Control Devices (ICD) in Sandstone and Carbonate Reservoirs	Ahmed Hassan Sunbul	Saudi Aramco
Poster Presentation	Challenging Acid Stimulation Treatments for Critical Wells- Case Histories	Mohamed Amine Djellout	Saudi Aramco
Poster & Alternate Presentation	Case Histories of Improved Horizontal Well Cleanup and Sweep Efficiency with Nozzle Based Inflow Control Devices (ICD) in Sandstone and Carbonate Reservoirs	Ahmad Sunbul et. al.	Saudi Aramco
Poster Presentation	Advanced Completions Offshore and Onshore	Steohen Dyer	Schlumberger
Poster Presentation	Utilizing Infrared Meters to Cost Effectively Monitor Water Cut on Horizontal Wells	Muhammed Al-Saiyed et. al.	Saudi Aramco
Poster Presentation	How to Stimulate Sandstone Reservoirs Successfully in Oil Wells,	Abdullah Dhafeeri	Saudi Aramco
Alternate & Poster Presentation	FORMLock TORXS – Linear Drilling Technology. A Robust Liner System for Liner Drilling and Ream down Applications	Rustom K. Mody et. al.	Baker Hughes Inc., (Division – Baker Oil Tools)

Poster Session #3: Reservoir Technologies

Poster & Alternate	Laboratory Investigation of Co2 Miscible Flooding	Eissa Shokir et. al.	KSU, KACST
Poster & Alternate	Enhanced Oil Recovery Screening of PNZ Reservoirs	Ms. Carreras	Chevron
Poster Presentation	Chemical Enhanced Oil Recovery: A State-of-Art Review for Middle East Reservoir	Ali Al-Yousif	Saudi Aramco
Poster & Alternate Presentation	Evaluation of Mohr-Coulomb Failure Criterion Using Unconfined Compressive Strength	Musaed Al-Awad	King Saud University
Poster & Alternate Presentation	Characterizing Petroleum Fractions for Simulation	Hassan Naji	King Abdulaziz University
Poster Presentation	Wellsite Remote Wireless Monitoring System (V-monitor)	Nashi Al-Otaibi	Saudi Aramco
Poster Presentation	Efficient Formulation and Solution of the Conventional and Rapid Flash Calculation for the SRK and PR Equations of State	Hassan Naji	King Abdulaziz University
Poster Presentation	A Systematic Approach to Remote Well Monitoring and Control Yields Increased Production and Run Time in ESP Applications	Tommy Denney	Centrilift
Poster Presentation	The Even Solution Part II: A Successful Approach for Fully Integrated Studies Covering Uncertainty Analysis and Risk Assessment	Emad Elrafie	Saudi Aramco
Poster Presentation	Advanced Technology and Innovative Solutions Drive Field Development in Saudi Arabia	Said Al-Malki	Saudi Aramco
Poster & Alternate Presentation	Detecting Fracture Porosity and Estimating Its Aperture Using the Dual Laterolog of Rudeis-Sidri Area, Gulf of Suez, Egypt	Mahmoud Ghorab and Tarek Shazly	Egyptian Petroleum Research Institute
Poster & Alternate Presentation	Large Scale Reservoir Monitoring with Nonseismic Geophysics in Saudi Arabia	Michael Wilt	Schlumberger
Poster Presentation	Emerging Geophysical Technologies for Reservoir Monitoring in Intelligent Fields	Shivaji Dasgupta	Saudi Aramco
Poster Presentation	Breaking the Reservoir Code; Extracting Maximum Value from Reservoir Data for Decision-Making	Fahad, Ajmi	Saudi Aramco

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