

# SPE-PAPG ANNUAL TECHNICAL SYMPOSIUM & EXHIBITION 2019

## SERENA HOTEL ,ISLAMABAD SCHEDULE OF EVENTS

19-20- NOV, 2019

START	END	TUESDAY 19, NOVEMBER			
08:00	09:00	Registration.			
08:45	09:00	Guests to be seated			
09:00	09:15	Receiving and Seating of Honorable Chief Guest Federal Minister for Energy, Mr. Omar Ayub Khan			
09:15	09:20	Recitation of Holy Quran			
09:20	09:30	Welcome Address by Chairman ATS&E-2019 and Chairman SPE (Pakistan Section)			
09:30	09:50	Key Note Speech by Mr. Tom Qulgey - COO, MOL Group Upstream			
09:50	10:05	Address of Honorable Chief Guest			
10:05	10:50	Presentation of Shields to Corporate Members, Lifetime Achievement Awards (PE, G&G & Academia) and ATS&E (EXCOM)			
10:50	11:20	Inauguration of the Exhibition			
11:20	12:00	<b>Morning Hi-Tea Sponsored by : UEPL</b>			
12:00	13:30	<b>PANEL DISCUSSION on "Unconventional &amp; Offshore Resources - The Game Changers"</b>			
		Moderator Khalid Zubair (Schlumberger)			
		Panelists: Mr. Mian Asad Hayauddin (Secretary for Ministry of Energy -Petroleum Division), Moin Raza Khan (Managing Director & Chief Executive Officer PPL), Dr. Saeed Khan Jadoon (Executive Director (Exploration - OGDCL), Dr. Gabor Vakarc (MD MOL Pakistan) , Mr. Andrzej Kaczorowski (MD POGC Pakistan), Ghassan Mirdad (President Middle East Schlumberger)			
13:30	14:15	<b>Lunch Sponsored by: AL -HAJJ &amp; SCHLUMBERGER</b>			
		<b>TECHNICAL SESSION-1 - PROFESSIONALS (Main Hall)</b>	<b>TECHNICAL SESSION -2 - PROFESSIONALS (Split side Main Hall )</b>	<b>STUDENTS PAPERS (Kehkashan - 3 )</b>	
		Chairman: Jawad Ahmad (MOL) Co-chairman: Abdul Waheed (PPL)	Chairman: Tufail Khoso (MPCL) Co-chairman: Syed Tariq Hasany (PPL)	Chairman: Asad Ilyas (MOL) Co-chairman: Ahmed Nawaz (MPCL)	
14:15	14:40	<b>Successful Implementation of Resin Based Isolation Plug (RBIP) in Annulus to Restore Lost Well Integrity. A Case Study from South of Pakistan</b>	<b>Identification &amp; Analogy of Carbonate Geometries Between Offshore Indus Basin In Pakistan And Proven Carbonate Play</b>	<b>Enhancement of Well Deliverability and Scrutinization of Proppant Discretion Based on Net Present Value</b>	14:15 14:35
		Kamran Rashid, Hassaan Ahmed, Muneeb Ahmed, Syed Dost Ali & Noman Khan	Muhammad Hanif Khan, Mujahid Muhammad-MPCL, Tahir Maqsood-Axxeum Oil & Gas , Tariq Jaswal (POL) Uray Lukman (QP)	Amaar Siyal & Asim Memon	
14:40	15:05	<b>An Evolved Approach for Water Shutoff Solutions Through Advanced Control of Coiled Tubing Downhole Tools: A Case Study in Pakistan.</b>	<b>Reservoir characterization enhanced via integration of advanced well logging data and mineralogy of well cutting samples in clastic reservoirs of Adhi Field, Eastern Potwar, Pakistan; a case study</b>	<b>A Mathematical Model for the Prediction of Waterflood Breakthrough Time in a Layered Reservoir</b>	14:35 14:55
		Rao Shafin Ali Khan, Nestor Molero, Aizaz Khalid & M. Nabeel Akbar	Muhammad Safdar [Schlumberger], Adeel Nazeer (PPL), Farukh Dau [PPL] & Abid Bhatti (Ex. OGDCL)	Muhammad Afaq Akbar, Muhammad Ghufuran, Imran Akbar & Shams Kalam,	
15:05	15:30	<b>Experimental Investigation of Newly Synthesized Gemini Surfactants As Shale Inhibitors In Drilling Fluids</b>	<b>Formation Anisotropy Parameters Using Borehole Acoustic Data</b>	<b>Coupling of Fracture Growth Model and Reservoir Simulation Model for Representative Post-Frac Production Profiling</b>	14:55 15:15
		Mobeen Murtaza, M. Shahzad Kamal, Syed Muhammad S. Hussain & Mohamed Mahmoud	Kashif Mushir Ahmed Khan (Weatherford), Syed Asad (Weatherford), Saqib Ali, Asad Ilyas, Jawad Ahmed & Umar Farooq (MOL)	Muhammad Hassaan Chaudry	
15:30	15:55	<b>Underbalanced Nitrified Foam Drilling Enabled Extensive Reservoir Characterization and Production from a Highly Depleted Formation in Dhodak Field in Pakistan: A Case History</b>	<b>Analysis of Pakistan's Petroleum Agreement - Recommendations to Promote Development of Medium to Marginal Size Fields</b>	<b>Analysis of Environmental Aspects of Tapping Unconventional Reservoirs in Pakistan</b>	15:15 15:35
		Ali Khalid, Khurram Luqman , Muhammad Hussain & Munsif Channa	Imran Tayyab & Krishan Malik [The University of Texas at Austin]	Malik Atif & Muhammad Abdullah	
15:55	16:15	<b>Evening Tea Sponsored by: Polish Oil &amp; Gas Company</b>			
		<b>TECHNICAL SESSION-3 - PROFESSIONALS (Main Hall)</b>	<b>TECHNICAL SESSION -4 - PROFESSIONALS (Split side Main Hall )</b>	<b>STUDENTS PAPERS (Kehkashan - 3 )</b>	
		Chairman: Agha Hassan Akram (SLB) Co-chairman: Naveed Hassan (UEP)	Chairman: Dr. Sajjad Ahmad (UOP) Co-chairman: Munsif Channa (OGDCL)	Chairman: Rizwan Saud Asghar (OGDCL) Co-chairman: Ali Asghar (SLB)	
16:15	16:40	<b>A Novel Correlation to Determine Gas Flow Rates utilizing Artificial Intelligence: An Industrial 4.0 Approach.</b>	<b>Phasing out structural traps for Fractures play could lead to more oil discoveries in Potwar Basin, Pakistan</b>	<b>Technical &amp; Economic Feasibility Assessment of Low &amp; High Salinity Water Flooding- A Simulation Based Approach</b>	16:15 16:35
		Mohammad Rasheed Khan, Shams Kalam, Zeeshan Tariq & Faisal Anwar Siddique	Syed Tariq Hasany, Syed Sajjad Hussain & M. Rizwan (PPL)	Furqan Alvi & Hassan Aziz	
16:40	17:05	<b>Uplifting the profitability of a Mature Gas Giant in Pakistan using diminutive Sidetracks</b>	<b>Mianwali Re-Entrant, Hydrocarbon Play Types and Risks for Hydrocarbon Exploration</b>	<b>Evaluation of Foam Assist Lift (FAL) implementation to produce water loaded gas wells of a Brown Gas Field</b>	16:35 16:55
		Jahanzeb Bugti & Sheraz Ahmed	Tahir Maqsood, Birkheaz Shami (POL), Shujat Ali (MPCL) & Abdul Hannan (Bahria University, Sarghoda)	Ali Nasim, Yunus Javed & Urooj Jawwad	
17:05	17:30	<b>Impact of Geo-mechanical Effects in Reserves Evaluation of Naturally Fractured Carbonate Reservoir using Rate Transient Analysis - A Case study of Potwar Region</b>	<b>An Unorthodox Method for Geological Characterization and Geomodelling Of Unconventional (Tight Gas) Reservoir Applied In the Southwestern Region Of Western Canadian Sedimentary Basin</b>	<b>Systematic Evaluation of Depletion Strategy in Multi-Layered Gas Condensate Reservoirs</b>	16:55 17:15
		Mufaddal Murtaza Zakir, Saddam Hussain, Mohsin Hassan & Shoukat Elahi Qazi	Rifaqat Hussain (Canadian Reservoir Limited)	Muhammad Abdullah, Malik Atif & Arsalan Khushnood	
17:30	17:55	<b>Employing innovative Distributed Temperature Sensing technique for Conclusive Downhole Leak Detection via Coiled Tubing: A Case Study from Pakistan</b>	<b>Bio- chemostratigraphy of the Cenomanian-Turonian Boundary, Lower Indus Basin, Pakistan</b>	<b>Formulating Eco-friendly Drilling Fluid from Locally Available Seed Oils as a Potential Alternative for the Diesel Based Muds</b>	17:15 17:35
		Aizaz Khalid, Victor Briones, Syed Dost Ali & Sohail Ahmed Mallah	Waqar Ahmad, Irfan ullahJan, M. Suleman & Hikmat Salam-NCEG	Areesha Dahar, Zegham Abbas Shah Bukhari & Halar Manzoor	
17:55	18:15	<b>Designing of an Optimized Vertical Wellbore in Potwar Region of Pakistan</b>		<b>Experimental Approaches for the Identification and Mitigation of Asphaltene Deposition Problem in Oil Fields</b>	17:35 17:55
				Nimra Yousaf & Abdus Saboor	
20:00	22:00	<b>Gala Dinner Sponsored by: Weatherford &amp; MOL</b>			17:55 18:15

**WEDNESDAY ,20 NOVEMBER 2019**

START	END	TECHNICAL SESSION-5 - PROFESSIONALS (Main Hall)	TECHNICAL SESSION -6 - PROFESSIONALS (Split side Main Hall )	STUDENTS PAPERS (Kehkashan - 3 )		
		<b>Chairman : Dr. Amanat Ali Bhatti (UET)</b> <b>Co-chairman: Mian Muhammad Akram (OGDCL)</b>	<b>Chairman : Dr. Suhail Qadeer (MPCL)</b> <b>Co-chairman: Shoaib Farooqi (Weatherford)</b>	<b>Chairman: Irfan Hameed (OGDCL)</b> <b>Co-Chairman: Ahsan Javed (OGDCL)</b>		
09:00	09:25	<b>Health and Safety Management Standard Iso 45001:2018 And E &amp; P Sector Of Pakistan</b> Muhammad Mehmood Khan & Naeem Ahmad Subhani	<b>Well Testing by Multiphase Flow Meter in OGDCL Nashpa Field</b> Shahid Hussain,Muhammad Fasih,Ahsan Sheikh & Imran Qureshi	<b>Numerical Modelling of Compressional Features Of Hazara Basin And Potwar Region Pakistan</b> Muhammad Shoaib Ayyaz, Malik Muzammil Maqsood, Muhammad Irfan, Naveed Ahsan	09:00 09:20	
09:25	09:50	<b>Reserves Replacement Ratio and Petroleum Resource Management System (PRMS)</b> Arshad Majeed, Imtiaz Ali & Khawar Hussain	<b>Reinforced Temperature Activated Polymer Plug Completely Isolates Naturally Fractured Water Producing Sandstone in A High Temperature Environment.</b> Adnan Fazal, Syed Hamza Ahmed, Aziz Ur Rehman Usmani & Arif Yousuf	<b>Dolomatization Mechanism Based On Petrography And Geochemistry Of Devonian Shogrom Formation, Chitral Valley, Karakoram Ranges Pakistan</b> Syed Waseem Sajjad, Emad Ullah Khan, Maryam Saleem, Muhammad Asad Jadoon	09:20 09:40	
09:50	10:15	<b>Environmental Protection with Better Economics by Installation of Solar Power Generation Plant at Oil &amp; Gas Production Facilities.</b> Sahir Inam,Syed Afraz Haider,Muhammad Khalid Latif & Abid Ali Bhutto	<b>Successful Application of Volatile Acid System to Treat Water Blockage in a Gas Well: A Case Study</b> Sana ul Husnain,Saqib Jah Temuri,Zulfiqar Ali Anjum & Afnan Ahmed Dar	<b>Structural Restoration Of Bara Gali-Dunga Gali Area, Hazara Basin, Pakistan</b> Hamis U L Ghani, Naveed Ahsan, Muhammad Armaghan Faisal Miraj	09:40 10:00	
10:15	10:40		<b>Macro-rheology and micro-rheological study of composite polymer gel at high salinity and acidic conditions for CO2 shut off treatment in harsh reservoirs for improving oil recovery.</b> Zeeshan Ali Lashari,Wanli Kang, Hongbin Yang & Hongwen Zhang	<b>Evaluation of Shale Gas Potential Of Lower Shale Unit Of Lower Goru Formation, Lower Indus Basin</b> Zoha Mehfooz, Hamza Masood	10:00 10:20	
				<b>Shale Play Evaluation and Brittleness Index Calculation Using Petrophysical Techniques: Lower Indus Basin</b> Muhammad Hamza Sajid, Muhammad Ali Husnain Zia, Mudassar Ch, Muhammad Usman, Anees Ur Rahman Mughal, Muhammad Umair	10:20 10:40	
10:40	11:00	<b>Morning Tea Sponsored by: MPCL</b>				
		<b>Chairman: Tariq Majeed Jaswal (POL)</b> <b>Co-chairman: Dr. László Csontos (MOL)</b>	<b>Chairman: Javed Jadoon (MPCL)</b> <b>Co-chairman: Munawar Usman (Blackgold)</b>	<b>Chairman: Syed Iftikhar M. Rizvi (OGDCL)</b> <b>Co-chairman: Abdul Ghafoor Anjum (KUFPEC)</b>		
11:00	11:25	<b>Prospectivity analysis of Talhar Shale Member of Lower Goru Formation as potential shale reservoir in the Lower Indus Basin.</b> ASAD ADHAMI, AFNAN ASGHAR , SYED MUHAMMAD & MUJAHID ALI [PPL]	<b>Mechanism Study on Wettability and Application in Removal of Water Blocking in Unconventional Reservoir.</b> Qi Zhu	<b>Petrographic and Diagenetic Characteristics of The Dolomites In Khyber Limestone, Baisay Baba Section, Khyber District, Peshawar, Pakistan</b> Saddam Qaiser, Emad Ullah Khan, Maryam Saleem & Mubashir Mehmood	11:00 11:20	
11:25	11:50	<b>New insight of the Tectonic Juncture of Lesser &amp; Outer Himalayas in the North Pakistan; Its role &amp; implications in understanding the Hydrocarbon Potential of the Lesser Himalayas.</b> Dr. Sajjad Ahmad (UOP), M. Irfan Khan (MOL Pakistan) & Gohar Rehman (UOP)	<b>An Experimental Evaluation of Thermochemical Fracturing in Layered Formations</b> Zeeshan Tariq,Mohamed Mahmoud,Abdulazeez Abdurraheem, Dhafer Al - Shehri & Ayman Al-Nakhlhi	<b>Structural Styles and Subsurface Geology Of Jacobabad-Khairpur High, Lower Indus Basin, Pakistan</b> Rimsha Rauf, Naveed Ahsan, Muhammad Armaghan & Faisal Miraj	11:20 11:40	
11:50	12:15	<b>Hunting for Hydrocarbons in a Clastic Reservoir with Low Seismic-Resolution</b> Sheraz Ahmed & Ghulam Waqas (PPL)	<b>Managed Pressure Drilling Saves Multimillion Dollar Well from Abandonment; Enabled Operator to Drill and Isolate Section to Target Depth in a Challenging Plastic Salt Formation</b> Qasim Ashraf,Muhammad Tashfeen,Khurram Abbas & Rizwan Jameel	<b>Structural Study Of The Hanging Wall Of Main Boundary Thrust (Mbt) Along Akhrwal-Kohat Transect, Khyber Pakhtunkhwa, Pakistan</b> Muhammad Yaseen, Sohail Wahid, Sajjad Ahmad, Gohar Rehman, Jawad Ahmad & Mubashir Mehmood	11:40 12:00	
12:15	12:40	<b>Petroleum Generation from early Cretaceous source rock in the northern part of Mari-Kandhkot high, northern Sindh and southern Punjab, Pakistan</b> Syed Tariq Hasany (PPL), Yasir Naveed , Syed Habib Shah [PPL] & Syed Ashrafuddin [GHPL]	<b>Cement Plug for Water Shut-Off using Coiled tubing Hydrostatic Valve: Case Studies</b> Saqib Jah Temuri,Salman Saeed,Abdul Sattar & M. Nabeel Akbar	<b>Paleostress Analysis And Outcrop Fracture Pattern Along Main Boundary Thrust (Mbt), Nw Himalayas, Pakistan</b> Iqra Bano, Naveed Ahsan, Muhammad Armaghan & Faisal Miraj	12:00 12:20	
12:40	13:05		<b>Wellbore Stability in Anisotropic Shale formations.</b> Dayal Parkash & Chiara Deangeli	<b>Fracture Analysis Of Paleocene-Cretaceous Rocks For Reservoir Potential Exposed In Garu (Jungrai) Area District Nowshehra, Khyber Pakhtunkhwa Pakistan</b> Ali Hasnain, Muhammad Yaseen, Saeed Rehman & Usman Ali	12:20 12:40	
				<b>Sedimentology, Diagenetic Study and Reservoir Potential Of The Cretaceous Pab Formation, Rakhi Gorge, Eastern Sulaiman Range, Pakistan</b> Mubashir Mehmood, Shahid Ghazi, Muhammad Ibrahim & Attaullah Khan	12:40 13:00	
13:05	14:00	<b>Lunch Sponsored by: BGP &amp; OGDCL</b>				
14:00	16:00	<b>TECHNOLOGY PRESENTATION</b>  <b>1. Schlumberger - DELFI – The Future is Open</b> <b>2. Weatherford - AlphaST™ - The World's Only Single-Trip Openhole Cementing and Sidetrack System</b> <b>3. Baker - Reservoir LCM with Compressive Strength</b>				
16:00	16:30	<b>Arrival of Chief Guest SAPM for Petroleum for Closing Ceremony and Visit of Exhibition</b>				
16:30	16:45	<b>Address by Chairman PAPG</b>				
16:45	17:00	<b>Address by Chief Guest</b>				
17:00	17:10	<b>Announcement of Winners of Student Paper Contest</b>				
17:00	18:00	<b>Distribution of Shields to Organisers and SPE and PAPG EXCOM</b>				
18:00	18:30	<b>Evening Tea Sponsored by: GHPL</b>				